

Archived: Friday, May 13, 2022 1:34:09 PM

From: Hamlet, Robert, EMNRD

Sent: Wednesday, May 11, 2022 10:26:10 AM

To: Connor Walker

Cc: Robbie Runnels; diamondback2491@yahoo.com; Bratcher, Mike, EMNRD; Nobui, Jennifer, EMNRD; Harimon, Jocelyn, EMNRD

Subject: (Extension Denied) NAPP2132259675 - MIRAGE 30 B3IL ST COM #2H PRODUCED WATER LINE

Sensitivity: Normal

RE: Incident #NAPP2132259675

Connor,

An extension for this release has already been granted. Your request for another extension is **denied**. Include this e-mail correspondence in the remediation and/or closure report.

Robert Hamlet • • Environmental Specialist - Advanced

Environmental Bureau

EMNRD - Oil Conservation Division

811 S. First Street | Artesia, NM 88210

575.909.0302 | robert.hamlet@state.nm.us

<http://www.emnrd.state.nm.us/OCD/>



From: Connor Walker <cwalker@mewbourne.com>

Sent: Wednesday, May 11, 2022 10:00 AM

To: Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>

Cc: Robbie Runnels <rrunnels@mewbourne.com>; diamondback2491@yahoo.com; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Hensley, Chad, EMNRD <Chad.Hensley@state.nm.us>; Velez, Nelson, EMNRD <Nelson.Velez@state.nm.us>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>

Subject: [EXTERNAL] Re: [EXT] (Extension Approval) NAPP2132259675 - MIRAGE 30 B3IL ST COM #2H PRODUCED WATER LINE

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good Morning,

Mewbourne would like to request a 30-day extension to 6/12/22 to receive lab results, finish backfilling and compile our closure report.

Our contractor, Diamondback, is waiting on the last batch of lab samples to come back to begin back fill. Barring any surprises from the lab samples, the excavation is complete and all contaminated dirt is removed.

Thanks,

Connor Walker

Senior Engineer

Mewbourne Oil Company

Cell: (806) 202-5281

Email: cwalker@mewbourne.com



MEWBOURNE
OIL COMPANY

From: Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>

Sent: Friday, February 11, 2022 4:02 PM

To: Connor Walker <cwalker@mewbourne.com>

Cc: Robbie Runnels <rrunnels@mewbourne.com>; diamondback2491@yahoo.com <diamondback2491@yahoo.com>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Hensley, Chad, EMNRD <Chad.Hensley@state.nm.us>; Velez, Nelson, EMNRD <Nelson.Velez@state.nm.us>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>

Subject: [EXT] (Extension Approval) NAPP2132259675 - MIRAGE 30 B3IL ST COM #2H PRODUCED WATER LINE

RE: Incident #NAPP2132259675

Connor,

Your request for an extension to **May 13th, 2022** is approved.

Robert Hamlet • • Environmental Specialist - Advanced

Environmental Bureau

EMNRD - Oil Conservation Division

811 S. First Street | Artesia, NM 88210

575.909.0302 | robert.hamlet@state.nm.us

<http://www.emnrd.state.nm.us/OCD/>



From: Connor Walker <cwalker@mewbourne.com>

Sent: Friday, February 11, 2022 8:08 AM

To: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>

Cc: Connor Walker <cwalker@mewbourne.com>; Robbie Runnels <rrunnels@mewbourne.com>; diamondback2491@yahoo.com

Subject: [EXTERNAL] 1st Extension Request_nAPP2132259675 - MIRAGE 30 B3IL ST COM #2H PRODUCED WATER LINE

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good Afternoon,

Under the new spill rule a Closure Report is due for the above release on 02/12/2022. Respectfully, Mewbourne Oil Co., is requesting a three-month extension until 05/13/2022 in order to perform further delineation and remediation.

Thank you,

Connor Walker
Senior Engineer
Mewbourne Oil Company
Cell: (806) 202-5281
Email: cwalker@mewbourne.com



MEWBOURNE
OIL COMPANY

Incident ID	NAPP2132259675
District RP	
Facility ID	
Application ID	

Closure

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

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Connor Walker Title: Sr. Engineer

Signature: 

Date: 5/13/2022

email: cwalker@mewbourne.com

Telephone: 806-202-5281

OCD Only

Received by: Robert Hamlet Date: 9/1/2022

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: Robert Hamlet Date: 9/1/2022

Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

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

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

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

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

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

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	
District RP	
Facility ID	
Application ID	

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Connor Walker Title: Sr. EngineerSignature:  Date: 5/13/2022email: cwalker@mewbourne.com Telephone: 806-202-5281**OCD Only**

Received by: _____ Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

Closure


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

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Connor Walker Title: Sr. Engineer

Signature: 

Date: 5/13/2022

email: cwalker@mewbourne.com

Telephone: 806-202-5281

OCD Only

Received by: _____ Date: _____

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: _____

Mewbourne Oil Co.
Mirage 30 B3IL St Com #2H Produced Water Line
NAPP2132259675

Final Remediation Report

Introduction

This report presents the results of remediation activities of Mirage 30 B3IL St Com #2H Produced Water Line. On behalf of Mewbourne Oil Company (Mewbourne). Diamondback Disposal Services, Inc. (Diamondback) was tasked with the cleanup and remediation of release NAPP2132259675. The release occurred in unit Letter P, Section 30, Township 19S range 29E at coordinates 32.624773, -104.108346. The remediation was performed in general accordance with the New Mexico Oil Conservation Division (NMOCD) and 19.15.29 of the New Mexico Administrative Code (NMAC) effective date August 14, 2018.

Overview

The Release occurred in a produced water line on state land. An unknown amount of produced water was lost with 240 barrels recovered. The leak was due to a failure in a 4" poly line.

Regulatory Guidelines

Upon review of the site characteristics and a search of a groundwater database maintained by The New Mexico Office of the stater Engineer (NMOSE), a survey was conducted to determine the average depth to groundwater within a 1-mile radius and identify any registered water wells within a ½ mile radius of the release site. There was a single well within the mile radius, in which the water depth was at 75 feet. There were no known wells in the ½ radius therefore Table 1 Closure Criteria for ground water depth of less that 50 feet was utilized. The Recommended Remediation Action Levels (RRAL) determined by the latest NMOCD guidelines (19.15.29 NMAC) are as follows: 600mg/kg Chloride, 100mg/kg GRO+DRO+MRO, 50mg/kg BTEX, 10mg/kg Benzene.

Remediation activities

Between the dates of April 4th, 2022 and April 28th, 2022. Diamondback excavated approximately 4,224 cubic yards (cy) of impacted material, loaded, and transported to the R-360 Halfway Facility for disposal. Depth of excavation ranged from 1-foot BGS to 4-feet BGS. Between March 8th, 2022, and May 6th, 2022. the site was sampled to determine if RRAL's had been met. Five-point composite samples were collected every 200 square feet of side walls 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 results) Upon review

of the analytical data, all wall samples prove to be below Table 1 RRAL's for site closure. Being that Table 1 Closure Criteria for groundwater <50' BGS was utilized, all restoration and reclamation limits have been met.

On May 16th, 2022 backfilling will Begin. Approximately 4,224cy of material will be obtained from private source. Backfill will be placed in a manner that will promote compaction, prevent storm water run-off, 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. Large areas of roadway were excavated as part of the cleanup. These areas will be topped with caliche, compacted and graded with appropriate slope to create a smooth driving surface and prevent erosion.

Conclusions

Upon review of all analytical data provided by the third-party independent lab, results indicate 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 Mirage 30 B3IL St Com #2H Produced Water Line.

TABLE 1
MEWBOURNE OIL COMPANY
MIRAGE 30 B3IL STATE COM #2H

SAMPLE LOCATION	LAB ID NUMBER	SAMPLE DEPHT	SAMPLE DATE	SAMPLE TYPE	BENZENE	TOLUENE mg/ kg	ETHYL-BENZEN (mg/ kg)	TOTAL XYLENES mg/kg	TOTAL BTX (mg/kg)	GRO C 6-C 10 (mg/kg)	DRO C 6-C 10 (mg/kg)	EXT DRO C 28- C36 (mg/kg)	TPH C6-c36 (mg/kg)	CHLORIDE (mg/kg)
W- 01 WALL	H221332-01	0-3'	04-04-22	COMP	<0.050	0.069	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	240
W- 02 WALL	H221332-02	0-3'	04-04-22	COMP	<0.050	0.075	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	160
W- 03 WALL	H221332-03	0-3'	04-04-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	192
W-04 WALL	H221353-15	0-4'	04-05-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	288
W- 05 WALL	H221353-16	0-4'	04-05-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	144
W- 06 WALL	H221353-11	0-1'	04-05-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	240
W- 07 WALL	H221398-01	0-1'	04-06-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
W- 08 WALL	H221353-12	0-3'	04-04-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	112
W- 09 WALL	H221353-13	0-3'	04-04-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
W- 10 WALL	H221353-14	0-4'	04-05-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	240
W- 11 WALL	H221398-02	1-3'	04-06-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	288
W- 12 WALL	H221453-01	0-3'	04-08-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	288
W- 13 WALL	H221547-11	0-3'	04-13-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
W- 14 WALL	H221547-12	0-3'	04-13-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	304
W- 15 WALL	H221590-01	0-3'	04-18-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	448
W- 16 WALL	H221710-01	0-3'	04-26-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	608
W- 16 WALL	H221815-01	0-3'	05-02-22	COMP										32.0
W- 17 WALL	H221648-01	0-2'	04-21-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	16.3	16.3	320
W- 18 WALL	H221648-02	0-2'	04-21-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	336
W- 19 WALL	H221710-02	0-2'	04-26-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	608
W- 19 WALL	H221815-02	0-2'	05-02-22	COMP										48.0
W- 20 WALL	H221737-04	0-2'	04-27-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96.0
W- 21 WALL	H221737-05	0-4'	04-27-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
W- 22 WALL	H221737-06	0-4'	04-27-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
W- 23 WALL	H221737-07	0-2'	04-27-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
W- 24 WALL	H221737-08	0-3'	04-27-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	112
W- 25 WALL	H221737-09	2-4'	04-27-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	352
W- 26 WALL	H221737-10	2-4'	04-27-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	304
B- 01 FLOOR	H221331-01	3'	04-04-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	608
B- 01 FLOOR	H221452-01	3' 6"	04-08-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64.0
B- 02 FLOOR	H221331-02	3'	04-04-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	592
B-03 FLOOR	H221331-03	3'	04-04-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	400
B- 04 FLOOR	H221331-04	3'	04-04-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	160
B- 05 FLOOR	H221331-05	3'	04-04-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	144
B- 06 FLOOR	H221331-06	3'	04-04-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	528
B- 07 FLOOR	H221353-08	4'	04-05-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
B- 08 FLOOR	H221353-09	4'	04-05-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
B- 09 FLOOR	H221353-10	4'	04-05-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
B- 10 FLOOR	H221353-01	1'	04-05-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
B- 11 FLOOR	H221353-02	1'	04-05-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	176
B- 12 FLOOR	H221353-03	1'	04-05-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	272
B- 13 FLOOR	H221353-04	1'	04-05-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	320
B- 14 FLOOR	H221353-05	1'	04-05-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	416
B- 15 FLOOR	H221353-06	1'	04-05-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	224

TABLE 1
MEWBOURNE OIL COMPANY
MIRAGE 30 B3IL STATE COM #2H

[illegible]

TABLE 1
MEWBORNE OIL COMPANY
MIRAGE 30 B3IL STATE COM #2H

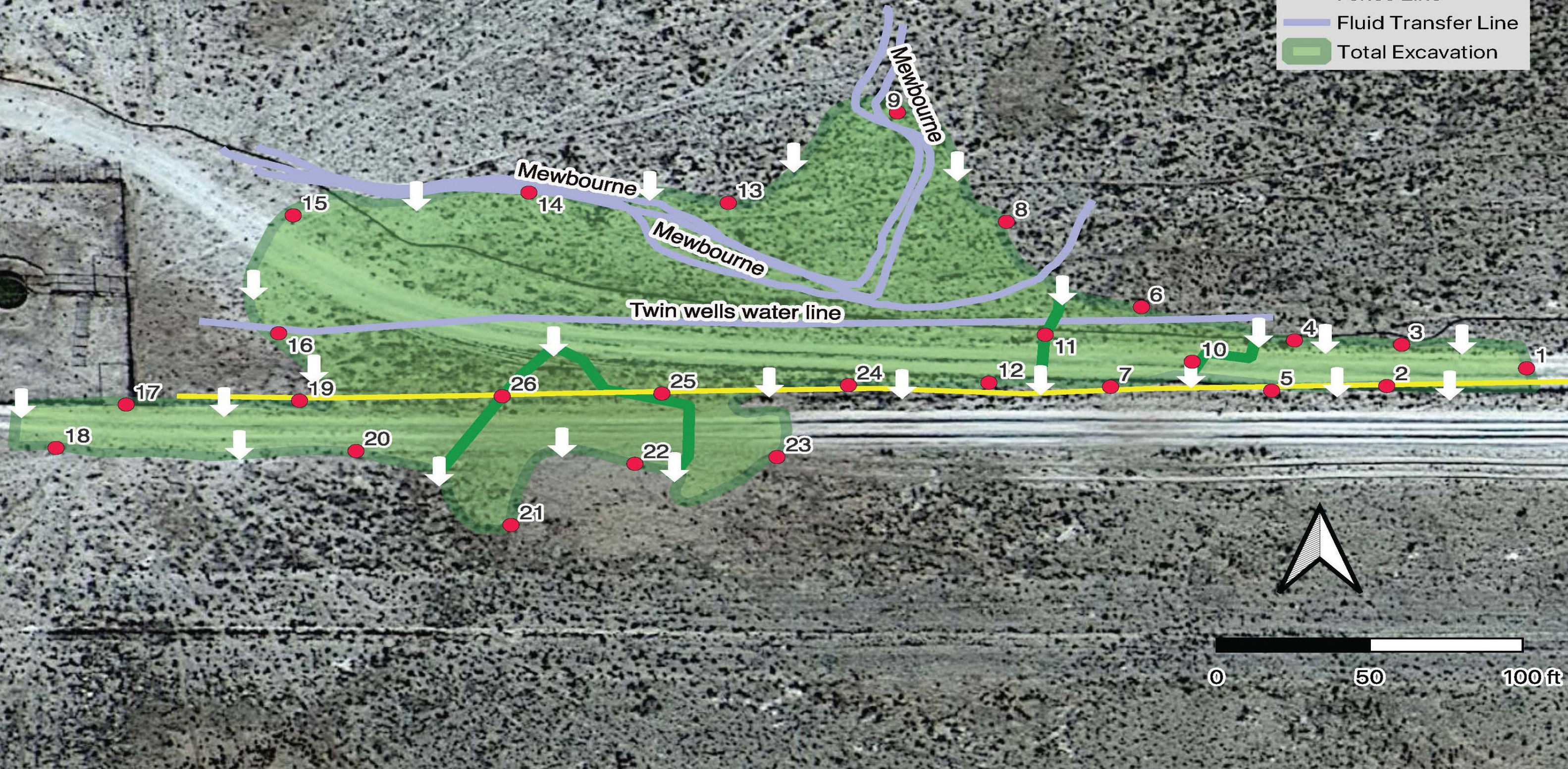
B- 61 FLOOR	H221707-07	2'	04-26-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	112
B- 62 FLOOR	H221707-08	2'	04-26-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	112
B- 63 FLOOR	H221707-09	2'	04-26-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
B- 64 FLOOR	H221707-10	2'	04-26-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	160
B- 65 FLOOR	H221547-09	3'	04-13-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	224
B- 66 FLOOR	H221547-10	3'	04-13-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	160
B- 67 FLOOR	H221635-01	2'	04-20-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	144
B- 68 FLOOR	H221635-02	2'	04-20-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
B- 69 FLOOR	H221635-03	2'	04-20-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
B- 70 FLOOR	H221635-07	2'	04-20-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	144
B- 71 FLOOR	H221635-04	2'	04-20-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96.0
B- 72 FLOOR	H221635-05	2'	04-20-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	128
B- 73 FLOOR	H221635-06	2'	04-20-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96.0
B- 74 FLOOR	H221635-08	2'	04-20-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	144
B- 75 FLOOR	H221926-01	3'	05-6-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96.0
B- 76 FLOOR	H221707-23	4'	04-26-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	528
B- 77 FLOOR	H221635-09	3'	04-20-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96.0
B- 78 FLOOR	H221635-10	3'	04-20-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96.0
B- 79 FLOOR	H221635-11	3'	04-20-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64.0
B-80 FLOOR	H221635-12	3'	04-20-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
B-81 FLOOR	H221635-13	3'	04-20-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
B-82 FLOOR	H221591-01	3'	04-15-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
B-83 FLOOR	H221607-01	3'	04-19-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
B-84 FLOOR	H221607-02	3'	04-19-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
B-85 FLOOR	H221607-03	3'	04-19-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96.0
B-86 FLOOR	H221607-04	3'	04-19-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	112
B-87 FLOOR	H221591-02	3'	04-15-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
B-88 FLOOR	H221591-03	3'	04-15-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
B-89 FLOOR	H221607-11	3'	04-19-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	112
B-90 FLOOR	H221607-12	3'	04-19-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	176
B-91 FLOOR	H221607-13	3'	04-19-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	160
B-92 FLOOR	H221591-04	3'	04-15-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96.0
B-93 FLOOR	H221591-05	3'	04-15-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	112
B-94 FLOOR	H221591-06	3'	04-15-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
B-95 FLOOR	H221591-07	3'	04-15-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
B-96 FLOOR	H221591-08	3'	04-15-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	208
B-97 FLOOR	H221591-09	3'	04-15-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	112
B-98 FLOOR	H221591-10	3'	04-15-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	256
B-99 FLOOR	H221591-11	3'	04-15-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	144

TABLE 1
MEWBOURNE OIL COMPANY
MIRAGE 30 B3IL STATE COM #2H

B-100 FLOOR	H221591-12	3'	04-15-22	COMP	<0.050	0.110	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	160
B-101 FLOOR	H221607-05	3'	04-19-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
B-102 FLOOR	H221607-06	3'	04-19-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96.0
B-103 FLOOR	H221607-07	3'	04-19-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64.0
B-104 FLOOR	H221607-08	3'	04-19-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	160
B-105 FLOOR	H221607-09	3'	04-19-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	128
B-106 FLOOR	H221607-10	3'	04-19-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
B-107 FLOOR	H221707-11	2'	04-26-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	368
B-108 FLOOR	H221707-12	2'	04-26-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	309
B-109 FLOOR	H221737-01	2'	04-27-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
B-110 FLOOR	H221737-02	2'	04-27-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96.0
B-111 FLOOR	H221737-03	2'	04-27-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96.0
SB- 01	H221649-01	2'	04-21-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	272
SB- 02	H221649-02	2'	04-21-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	432
SB- 03	H221649-03	2'	04-21-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	576
SB- 04	H221649-04	2'	04-21-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	560
SB- 05	H221649-05	2'	04-21-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	368
SB- 06	H221649-06	2'	04-21-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	288
SB- 07	H221649-07	2'	04-21-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	256
SB- 08	H221649-08	2'	04-21-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	176
SB- 09	H221649-09	2'	04-21-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
SB 10	H221649-10	2'	04-21-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	128
SB 11	H221649-11	2'	04-21-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	256
SB 12	H221649-12	2'	04-21-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	272
SB 13	H221707-17	4'	04-26-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	368
SB 14	H221707-18	4'	04-26-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	112
SB 15	H221707-22	4'	04-26-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	304
SB 16	H221707-19	4'	04-26-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
SB 17	H221707-20	4'	04-26-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	416
SB 18	H221707-13	2'	04-26-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	160
SB 19	H221707-14	2'	04-26-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	144
SB 20	H221707-21	2'	04-26-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	432
SB 21	H221707-15	2'	04-26-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
SB 22	H221707-16	2'	04-26-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0

Mirage 30 B3IL State COM #2H

- Wall Label
- ↓ Wall Deliniation
- Fence Line
- Fluid Transfer Line
- Total Excavation



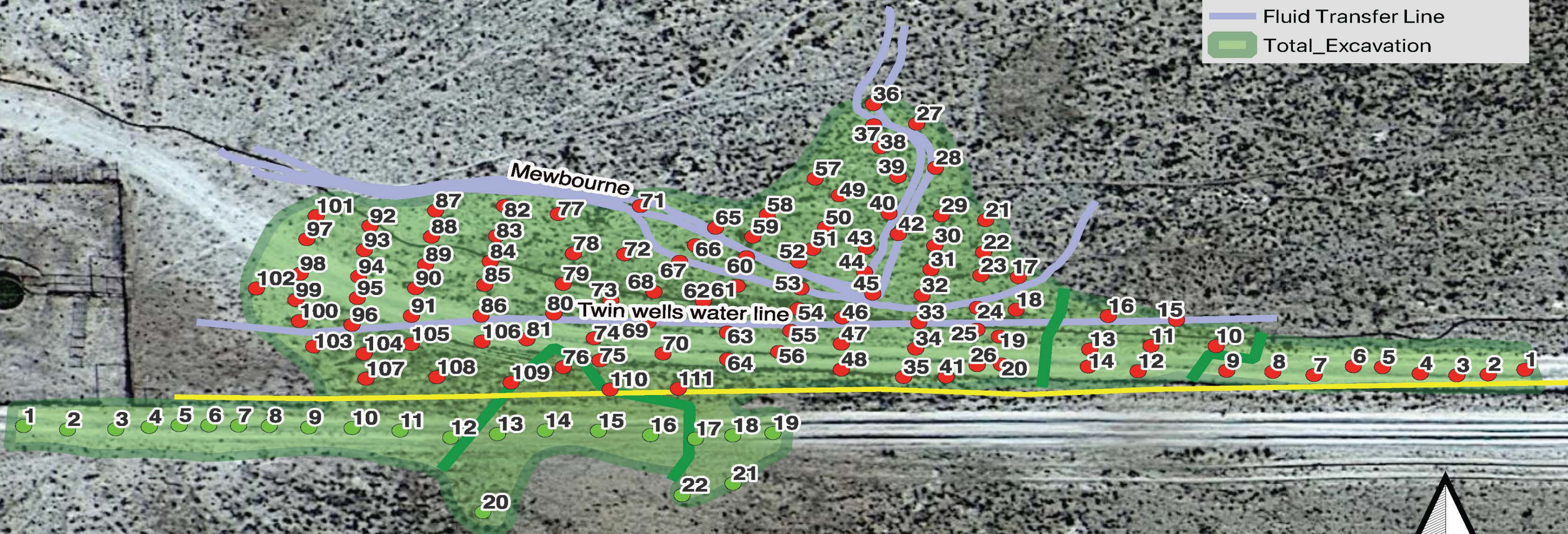
Wall Sections Map
Mirage 30 B3IL State Com 2H
Mewbourne Oil Co.
Eddy County, New Mexico



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

Mirage 30 B3IL State COM #2H

- Floor Sample "B"
- South Floor Samples "SB"
- Fence Line
- Fluid Transfer Line
- Total_Excavation



Bottom Sections Map
Mirage 30 B3IL State Com 2H
Mewbourne Oil Co.
Eddy County, New Mexico



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

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural
Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	NAPP2132259675
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	Mewbourne Oil Company	OGRID	14744
Contact Name	Connor Walker	Contact Telephone	806-202-5281
Contact email	cwalker@mewbourne.com	Incident # (assigned by OCD)	nAPP2132259675
Contact mailing address	4801 Business Park Blvd, Hobbs, NM 88240		

Location of Release Source

Latitude 32.624773 _____ Longitude -104.108346 _____
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Mirage 30 B3IL St Com #2H Produced Water Line	Site Type	Pipeline
Date Release Discovered	11/15/2021	API# (if applicable)	

Unit Letter	Section	Township	Range	County
P	30	19S	29E	Eddy

Surface Owner: ☒ State ☐ Federal ☐ Tribal ☐ Private (Name: _____)

Nature and Volume of Release

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


<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) Unknown	Volume Recovered (bbls) 240
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)
Cause of Release A 4" poly pipeline failed.		

Incident ID	NAPP2132259675
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? The release is over 25 bbls
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Notice was given by Connor Walker to Cristina Eads on 11/16/2021 @ 10:19 A.M. MST via email.	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

<input checked="" type="checkbox"/> The source of the release has been stopped.	
<input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment.	
<input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.	
<input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: <u>Connor Walker</u>	Title: <u>Sr. Engineer</u>
Signature: 	Date: 11/16/2021
email: <u>cwalker@mewbourne.com</u>	Telephone: <u>806-202-5281</u>
<u>OCD Only</u>	
Received by: <u>Ramona Marcus</u>	Date: <u>11/19/2021</u>

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 62687

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 62687
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
marcus	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141	11/19/2021

NAPP2132259675

From: Justin Roberts (diamondback2491@yahoo.com)

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

Date: Friday, April 15, 2022, 07:46 AM MDT

All

Let this be the mandatory 48 hr notice of intent to sample. On behalf of Mewbourne Oil Company, Diamondback will be conducting confirmation sampling at the Mirage 30 B3IL St Com #2H Produced Water Line (NAPP2132259675) on April 21, 2022 at 0800 hrs. The site is located at 32.624773, -104.108346. 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

(Extension Approval) NAPP2132259675 - MIRAGE 30 B3IL ST COM #2H PRODUCED WATER LINE

From: Hamlet, Robert, EMNRD (robert.hamlet@state.nm.us)
To: cwalker@mewbourne.com
Cc: rrunnels@mewbourne.com; diamondback2491@yahoo.com; mike.bratcher@state.nm.us; chad.hensley@state.nm.us; nelson.velez@state.nm.us; jennifer.nobui@state.nm.us
Date: Friday, February 11, 2022, 03:02 PM MST

RE: Incident #NAPP2132259675

Connor,

Your request for an extension to **May 13th, 2022** is approved.

Robert Hamlet • Environmental Specialist - Advanced

Environmental Bureau

EMNRD - Oil Conservation Division

811 S. First Street | Artesia, NM 88210

575.909.0302 | robert.hamlet@state.nm.us

<http://www.emnrd.state.nm.us/OCD/>



From: Connor Walker <cwalker@mewbourne.com>

Sent: Friday, February 11, 2022 8:08 AM

To: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>

Cc: Connor Walker <cwalker@mewbourne.com>; Robbie Runnels <rrunnels@mewbourne.com>; diamondback2491@yahoo.com

Subject: [EXTERNAL] 1st Extension Request _nAPP2132259675 - MIRAGE 30 B3IL ST COM #2H PRODUCED WATER LINE

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.



New Mexico Office of the State Engineer

Point of Diversion Summary

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	CP 01231 POD1	4	4	2	36	19S	28E	582311	3609372

x

Driller License:

1654

Driller Company:

NOT WORKING FOR HIRE--SIRMAN DRILLING AND CONSTRUC

Driller Name:

Drill Start Date:

10/21/2013

Drill Finish Date:

10/21/2013

Plug Date:

Log File Date:

10/29/2013

PCW Rev Date:

Source:

Shallow

Pump Type:

Pipe Discharge Size:

Estimated Yield:

80 GPM

Casing Size:

8.00

Depth Well:

300 feet

Depth Water:

75 feet

x

Water Bearing Stratifications:

Top

Bottom

Description

200

300

Limestone/Dolomite/Chalk

x

Casing Perforations:

Top

Bottom

220

300

x

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

OSE POD Locations Map



5/11/2022, 1:19:12 PM

GIS WATERS PODs

• Active

OSE District Boundary

New Mexico State Trust Lands

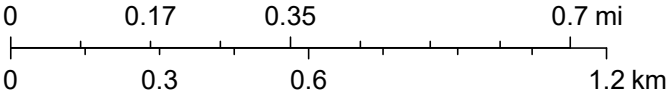
Subsurface Estate

Both Estates



Site Boundaries

1:18,056



Esri, HERE, Garmin, (c) OpenStreetMap contributors, Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community, Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community, U.S. Department of Energy Office of Legacy Management

Good Afternoon,

Under the new spill rule a Closure Report is due for the above release on 02/12/2022. Respectfully, Mewbourne Oil Co., is requesting a three-month extension until 05/13/2022 in order to perform further delineation and remediation.

Thank you,

Connor Walker

Senior Engineer

Mewbourne Oil Company

Cell: (806) 202-5281

Email: cwalker@mewbourne.com



MEWBOURNE
OIL COMPANY



NW

N

NE

330

0

30

60

4°N (T) ● 32.624871, -104.108333 ±0 m ▲ 982 m



SW

W

NW

210

240

270

300

264°W (T) ● 32.62495, -104.108169 ±1 m ▲ 984 m



Released to Imaging: 9/1/2022 11:50:19 AM

Received by OCD: 5/13/2022 1:35:22 PM

Page 26 of 250

05 May 2022, 14:10:4



S
180

SW

210

240

W
270

228°SW (T) ● 32.624868, -104.108333 ±0 m ▲ 982 m



05 May 2022, 14:11:38

Released to Imaging: 9/1/2022 11:50:19 AM

Received by OCD: 5/13/2022 1:35:22 PM

NE

E

SE

30 60 90 120

82°E (T) ● 32.624779, -104.108318 ±0 m ▲ 983 m



05 May 2022, 14:12:1

Page 29 of 250



SE

S

120

150

180

145°SE (T) ● 32.624772, -104.108433 ±0 m ▲ 982 m

S 180 SW 210 240 W 270

231°SW (T) ● 32.624894, -104.107918 ±0 m ▲ 983 m



SE

S

120

150

180

151°SE (T) ● 32.624939, -104.107844 ±1 m ▲ 983 m



S

180

SW

210

240

W

270

214°SW (T) ● 32.624884, -104.107985 ±0 m ▲ 984 m



Released to Imaging: 9/1/2022 11:50:19 AM

Received by OCD: 3/13/2022 1:35:22 PM

Page 33 of 350

05 May 2022, 14:09:5

S 180 SW 210 240 W 270

233°SW (T) ● 32.624946, -104.108169 ±0 m ▲ 984 m





SW

W

210

240

270

300

246°SW (T) ● 32.624887, -104.107987 ±0 m ▲ 983 m

SW

W

210

240

270

300

255°SW (T) ● 32.624832, -104.107599 ±1 m ▲ 983 m





SW W
210 240 270 300
255°SW (T) ● 32.624771, -104.108437 ±0 m ▲ 982 m

Released to Imaging: 9/1/2022 11:50:19 AM

Received by OGD: 5/13/2022 1:35:22 PM



E

SE

60

90

120

150

109°E (T) ● 32.624829, -104.107594 ±1 m ▲ 983 m

05 May 2022, 14:07:1

Page 38 of 250



W
270

NW

300

330

298°W (T) ● 32.62489, -104.107987 ±0 m ▲ 983 m

SW

W

NW

210

240

270

300

268°W (T) ● 32.624808, -104.107204 ±1 m ▲ 983 m

Released to Imaging: 9/1/2022 11:50:19 AM

Received by OCD: 5/13/2022 1:35:22 PM



05 May 2022, 14:06:1

Page 40 of 150



E 90 120 SE 150
116°E (T) ● 32.62478, -104.108322 ±0 m ▲ 983 m



60

E
90

SE

120

150

104°E (T) ● 32.624747, -104.108088 ±0 m ▲ 983 m

SE S 120 150 180 210

165°SE (T) ● 32.624746, -104.108091 ±0 m ▲ 983 m





W NW
240 270 300 330
285°W (T) • 32.624939, -104.107843 ±1 m ▲ 982 m

SE

S

120

150

180

210

164°SE (T) ● 32.624946, -104.108168 ±0 m ▲ 984 m



SE

S

120

150

180

210

164°SE (T) ● 32.624946, -104.108168 ±0 m ▲ 984 m





E

90

SE

120

150

116°E (T) ● 32.624769, -104.108431 ±0 m ▲ 982 m

W
270

NW

300

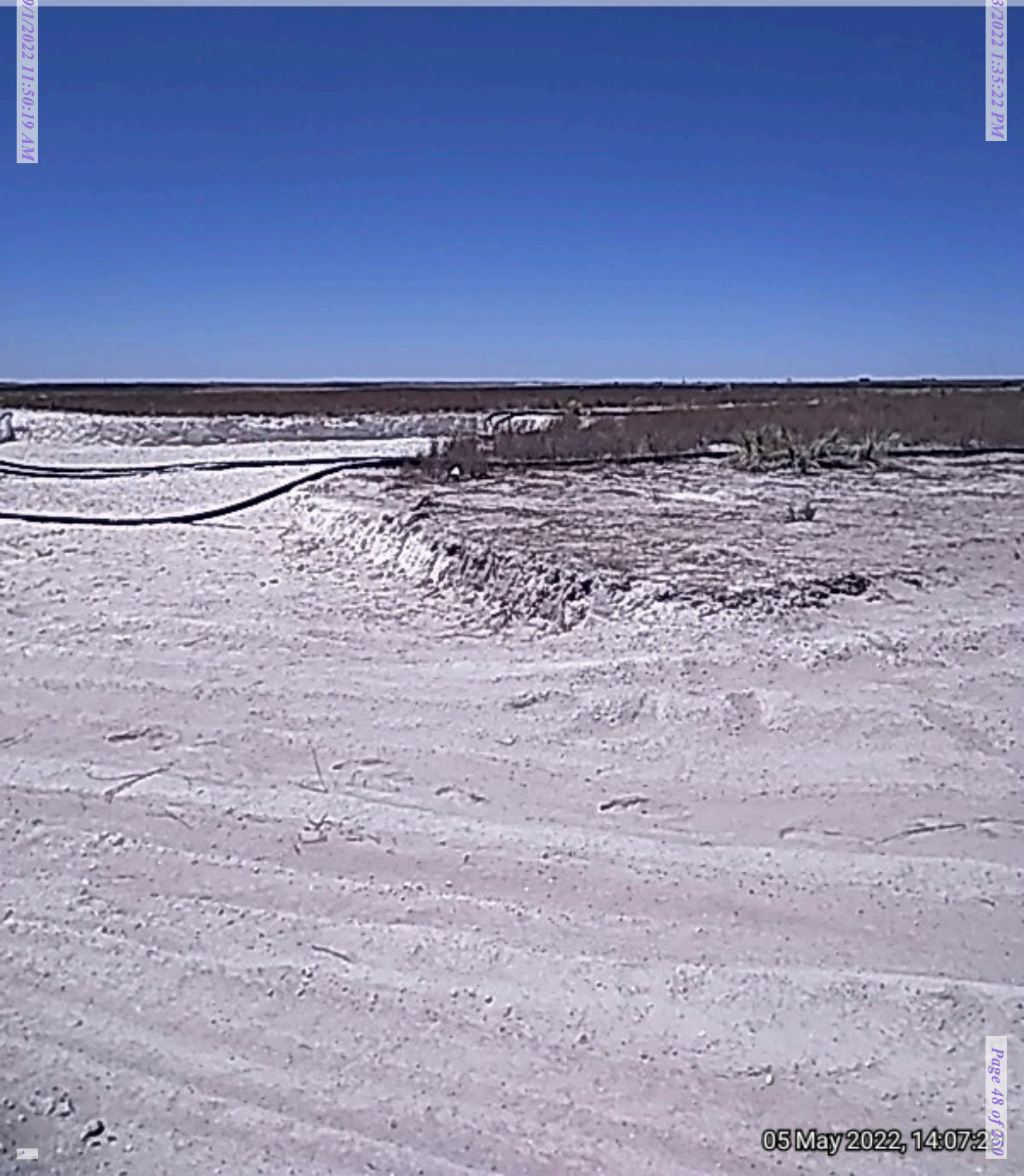
330

N
0

Released to Imaging: 9/1/2022 11:50:19 AM

Received by: OCD: 5/13/2022 1:35:22 PM

312°NW (T) ● 32.62483, -104.107601 ±1 m ▲ 983 m



05 May 2022, 14:07:2

Page 48 of 250



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

April 07, 2022

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: MIRAGE 30 B3IL STATE COM #2H

Enclosed are the results of analyses for samples received by the laboratory on 04/04/22 16:13.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/04/2022	Sampling Date:	04/04/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	** (See Notes)
Project Number:	MOC - 368	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: W 1 0-3' (H221332-01)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/05/2022	ND	2.05	102	2.00	3.79		
Toluene*	0.069	0.050	04/05/2022	ND	1.98	98.9	2.00	8.63		
Ethylbenzene*	<0.050	0.050	04/05/2022	ND	1.96	97.8	2.00	6.19		
Total Xylenes*	<0.150	0.150	04/05/2022	ND	5.73	95.6	6.00	6.51		
Total BTX	<0.300	0.300	04/05/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	04/05/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2022	ND	189	94.4	200	5.51	
DRO >C10-C28*	<10.0	10.0	04/05/2022	ND	179	89.7	200	9.22	
EXT DRO >C28-C36	<10.0	10.0	04/05/2022	ND					

Surrogate: 1-Chlorooctane 93.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.7 % 59.5-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/04/2022	Sampling Date:	04/04/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	** (See Notes)
Project Number:	MOC - 368	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: W 2 0-3' (H221332-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/05/2022	ND	2.05	102	2.00	3.79		
Toluene*	0.075	0.050	04/05/2022	ND	1.98	98.9	2.00	8.63		
Ethylbenzene*	<0.050	0.050	04/05/2022	ND	1.96	97.8	2.00	6.19		
Total Xylenes*	<0.150	0.150	04/05/2022	ND	5.73	95.6	6.00	6.51		
Total BTEX	<0.300	0.300	04/05/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	04/05/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2022	ND	189	94.4	200	5.51	
DRO >C10-C28*	<10.0	10.0	04/05/2022	ND	179	89.7	200	9.22	
EXT DRO >C28-C36	<10.0	10.0	04/05/2022	ND					

Surrogate: 1-Chlorooctane 83.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 79.2 % 59.5-142

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/04/2022	Sampling Date:	04/04/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	** (See Notes)
Project Number:	MOC - 368	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: W 3 0-3' (H221332-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/05/2022	ND	2.05	102	2.00	3.79		
Toluene*	<0.050	0.050	04/05/2022	ND	1.98	98.9	2.00	8.63		
Ethylbenzene*	<0.050	0.050	04/05/2022	ND	1.96	97.8	2.00	6.19		
Total Xylenes*	<0.150	0.150	04/05/2022	ND	5.73	95.6	6.00	6.51		
Total BTEx	<0.300	0.300	04/05/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	04/05/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2022	ND	189	94.4	200	5.51	
DRO >C10-C28*	<10.0	10.0	04/05/2022	ND	179	89.7	200	9.22	
EXT DRO >C28-C36	<10.0	10.0	04/05/2022	ND					

Surrogate: 1-Chlorooctane 82.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 80.6 % 59.5-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

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

[illegible]



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

April 07, 2022

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: MIRAGE 30 B3IL STATE COM #2H

Enclosed are the results of analyses for samples received by the laboratory on 04/05/22 15:35.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/05/2022	Sampling Date:	04/05/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: B 10 @ 1' (H221353-01)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/06/2022	ND	2.15	108	2.00	8.10	
Toluene*	<0.050	0.050	04/06/2022	ND	2.09	105	2.00	8.17	
Ethylbenzene*	<0.050	0.050	04/06/2022	ND	2.02	101	2.00	8.48	
Total Xylenes*	<0.150	0.150	04/06/2022	ND	6.17	103	6.00	8.16	
Total BTX	<0.300	0.300	04/06/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/06/2022	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	04/06/2022	ND	199	99.6	200	1.50	
DRO >C10-C28*	<10.0	10.0	04/06/2022	ND	183	91.4	200	0.361	
EXT DRO >C28-C36	<10.0	10.0	04/06/2022	ND					

Surrogate: 1-Chlorooctane 87.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.3 % 59.5-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/05/2022	Sampling Date:	04/05/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: B 11 @ 1' (H221353-02)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/06/2022	ND	2.15	108	2.00	8.10		
Toluene*	<0.050	0.050	04/06/2022	ND	2.09	105	2.00	8.17		
Ethylbenzene*	<0.050	0.050	04/06/2022	ND	2.02	101	2.00	8.48		
Total Xylenes*	<0.150	0.150	04/06/2022	ND	6.17	103	6.00	8.16		
Total BTEx	<0.300	0.300	04/06/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	04/06/2022	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	04/06/2022	ND	199	99.6	200	1.50	
DRO >C10-C28*	<10.0	10.0	04/06/2022	ND	183	91.4	200	0.361	
EXT DRO >C28-C36	<10.0	10.0	04/06/2022	ND					

Surrogate: 1-Chlorooctane 86.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.1 % 59.5-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/05/2022	Sampling Date:	04/05/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: B 12 @ 1' (H221353-03)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/06/2022	ND	2.15	108	2.00	8.10		
Toluene*	<0.050	0.050	04/06/2022	ND	2.09	105	2.00	8.17		
Ethylbenzene*	<0.050	0.050	04/06/2022	ND	2.02	101	2.00	8.48		
Total Xylenes*	<0.150	0.150	04/06/2022	ND	6.17	103	6.00	8.16		
Total BTX	<0.300	0.300	04/06/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	04/06/2022	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	04/06/2022	ND	199	99.6	200	1.50	
DRO >C10-C28*	<10.0	10.0	04/06/2022	ND	183	91.4	200	0.361	
EXT DRO >C28-C36	<10.0	10.0	04/06/2022	ND					

Surrogate: 1-Chlorooctane 82.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 83.9 % 59.5-142

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Analytical Results For:

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

Received:	04/05/2022	Sampling Date:	04/05/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: B 13 @ 1' (H221353-04)

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	04/06/2022	ND	2.09	104	2.00	4.84		
Toluene*	<0.050	0.050	04/06/2022	ND	2.06	103	2.00	4.79		
Ethylbenzene*	<0.050	0.050	04/06/2022	ND	2.01	100	2.00	3.82		
Total Xylenes*	<0.150	0.150	04/06/2022	ND	6.16	103	6.00	3.46		
Total BTEX	<0.300	0.300	04/06/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	04/06/2022	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	04/06/2022	ND	199	99.6	200	1.50	
DRO >C10-C28*	<10.0	10.0	04/06/2022	ND	183	91.4	200	0.361	
EXT DRO >C28-C36	<10.0	10.0	04/06/2022	ND					

Surrogate: 1-Chlorooctane 92.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.0 % 59.5-142

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Analytical Results For:

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

Received:	04/05/2022	Sampling Date:	04/05/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: B 14 @ 1' (H221353-05)

BTEx 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/06/2022	ND	2.09	104	2.00	4.84	
Toluene*	<0.050	0.050	04/06/2022	ND	2.06	103	2.00	4.79	
Ethylbenzene*	<0.050	0.050	04/06/2022	ND	2.01	100	2.00	3.82	
Total Xylenes*	<0.150	0.150	04/06/2022	ND	6.16	103	6.00	3.46	
Total BTEx	<0.300	0.300	04/06/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	416	16.0	04/06/2022	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	04/06/2022	ND	199	99.6	200	1.50	
DRO >C10-C28*	<10.0	10.0	04/06/2022	ND	183	91.4	200	0.361	
EXT DRO >C28-C36	<10.0	10.0	04/06/2022	ND					

Surrogate: 1-Chlorooctane 83.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 86.1 % 59.5-142

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Analytical Results For:

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

Received:	04/05/2022	Sampling Date:	04/05/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: B 15 @ 1' (H221353-06)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/06/2022	ND	2.09	104	2.00	4.84		
Toluene*	<0.050	0.050	04/06/2022	ND	2.06	103	2.00	4.79		
Ethylbenzene*	<0.050	0.050	04/06/2022	ND	2.01	100	2.00	3.82		
Total Xylenes*	<0.150	0.150	04/06/2022	ND	6.16	103	6.00	3.46		
Total BTEX	<0.300	0.300	04/06/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	04/06/2022	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	04/06/2022	ND	199	99.6	200	1.50	
DRO >C10-C28*	<10.0	10.0	04/06/2022	ND	183	91.4	200	0.361	
EXT DRO >C28-C36	<10.0	10.0	04/06/2022	ND					

Surrogate: 1-Chlorooctane 115 % 66.9-136

Surrogate: 1-Chlorooctadecane 116 % 59.5-142

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Analytical Results For:

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

Received:	04/05/2022	Sampling Date:	04/05/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: B 16 @ 1' (H221353-07)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/06/2022	ND	2.09	104	2.00	4.84		
Toluene*	<0.050	0.050	04/06/2022	ND	2.06	103	2.00	4.79		
Ethylbenzene*	<0.050	0.050	04/06/2022	ND	2.01	100	2.00	3.82		
Total Xylenes*	<0.150	0.150	04/06/2022	ND	6.16	103	6.00	3.46		
Total BTEX	<0.300	0.300	04/06/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	04/06/2022	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	04/06/2022	ND	199	99.6	200	1.50	
DRO >C10-C28*	<10.0	10.0	04/06/2022	ND	183	91.4	200	0.361	
EXT DRO >C28-C36	<10.0	10.0	04/06/2022	ND					

Surrogate: 1-Chlorooctane 91.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.9 % 59.5-142

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Analytical Results For:

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

Received:	04/05/2022	Sampling Date:	04/05/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: B 7 @ 4' (H221353-08)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/06/2022	ND	2.09	104	2.00	4.84		
Toluene*	<0.050	0.050	04/06/2022	ND	2.06	103	2.00	4.79		
Ethylbenzene*	<0.050	0.050	04/06/2022	ND	2.01	100	2.00	3.82		
Total Xylenes*	<0.150	0.150	04/06/2022	ND	6.16	103	6.00	3.46		
Total BTEx	<0.300	0.300	04/06/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/06/2022	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	04/06/2022	ND	181	90.7	200	5.61	
DRO >C10-C28*	<10.0	10.0	04/06/2022	ND	175	87.7	200	4.30	
EXT DRO >C28-C36	<10.0	10.0	04/06/2022	ND					

Surrogate: 1-Chlorooctane 84.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.9 % 59.5-142

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Analytical Results For:

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

Received:	04/05/2022	Sampling Date:	04/05/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: B 8 @ 4' (H221353-09)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/06/2022	ND	2.09	104	2.00	4.84		
Toluene*	<0.050	0.050	04/06/2022	ND	2.06	103	2.00	4.79		
Ethylbenzene*	<0.050	0.050	04/06/2022	ND	2.01	100	2.00	3.82		
Total Xylenes*	<0.150	0.150	04/06/2022	ND	6.16	103	6.00	3.46		
Total BTEx	<0.300	0.300	04/06/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/06/2022	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	04/06/2022	ND	181	90.7	200	5.61	
DRO >C10-C28*	<10.0	10.0	04/06/2022	ND	175	87.7	200	4.30	
EXT DRO >C28-C36	<10.0	10.0	04/06/2022	ND					

Surrogate: 1-Chlorooctane 88.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.8 % 59.5-142

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Analytical Results For:

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

Received:	04/05/2022	Sampling Date:	04/05/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: B 9 @ 4' (H221353-10)

BTEx 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/06/2022	ND	2.09	104	2.00	4.84	
Toluene*	<0.050	0.050	04/06/2022	ND	2.06	103	2.00	4.79	
Ethylbenzene*	<0.050	0.050	04/06/2022	ND	2.01	100	2.00	3.82	
Total Xylenes*	<0.150	0.150	04/06/2022	ND	6.16	103	6.00	3.46	
Total BTEX	<0.300	0.300	04/06/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/06/2022	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	04/06/2022	ND	181	90.7	200	5.61	
DRO >C10-C28*	<10.0	10.0	04/06/2022	ND	175	87.7	200	4.30	
EXT DRO >C28-C36	<10.0	10.0	04/06/2022	ND					

Surrogate: 1-Chlorooctane 92.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.4 % 59.5-142

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Analytical Results For:

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

Received:	04/05/2022	Sampling Date:	04/05/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: W 6 @ 0-1' (H221353-11)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/06/2022	ND	2.09	104	2.00	4.84		
Toluene*	<0.050	0.050	04/06/2022	ND	2.06	103	2.00	4.79		
Ethylbenzene*	<0.050	0.050	04/06/2022	ND	2.01	100	2.00	3.82		
Total Xylenes*	<0.150	0.150	04/06/2022	ND	6.16	103	6.00	3.46		
Total BTEx	<0.300	0.300	04/06/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	04/06/2022	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	04/06/2022	ND	181	90.7	200	5.61	
DRO >C10-C28*	<10.0	10.0	04/06/2022	ND	175	87.7	200	4.30	
EXT DRO >C28-C36	<10.0	10.0	04/06/2022	ND					

Surrogate: 1-Chlorooctane 94.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 100 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/05/2022	Sampling Date:	04/05/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: W 8 @ 0-3' (H221353-12)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/06/2022	ND	2.09	104	2.00	4.84		
Toluene*	<0.050	0.050	04/06/2022	ND	2.06	103	2.00	4.79		
Ethylbenzene*	<0.050	0.050	04/06/2022	ND	2.01	100	2.00	3.82		
Total Xylenes*	<0.150	0.150	04/06/2022	ND	6.16	103	6.00	3.46		
Total BTEx	<0.300	0.300	04/06/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	04/06/2022	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	04/06/2022	ND	181	90.7	200	5.61	
DRO >C10-C28*	<10.0	10.0	04/06/2022	ND	175	87.7	200	4.30	
EXT DRO >C28-C36	<10.0	10.0	04/06/2022	ND					

Surrogate: 1-Chlorooctane 83.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.8 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/05/2022	Sampling Date:	04/05/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: W 9 @ 0-3' (H221353-13)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/06/2022	ND	2.09	104	2.00	4.84		
Toluene*	<0.050	0.050	04/06/2022	ND	2.06	103	2.00	4.79		
Ethylbenzene*	<0.050	0.050	04/06/2022	ND	2.01	100	2.00	3.82		
Total Xylenes*	<0.150	0.150	04/06/2022	ND	6.16	103	6.00	3.46		
Total BTEX	<0.300	0.300	04/06/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/06/2022	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	04/06/2022	ND	181	90.7	200	5.61	
DRO >C10-C28*	<10.0	10.0	04/06/2022	ND	175	87.7	200	4.30	
EXT DRO >C28-C36	<10.0	10.0	04/06/2022	ND					

Surrogate: 1-Chlorooctane 89.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.8 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/05/2022	Sampling Date:	04/05/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: W 10 @ 1-4' (H221353-14)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/06/2022	ND	2.09	104	2.00	4.84		
Toluene*	<0.050	0.050	04/06/2022	ND	2.06	103	2.00	4.79		
Ethylbenzene*	<0.050	0.050	04/06/2022	ND	2.01	100	2.00	3.82		
Total Xylenes*	<0.150	0.150	04/06/2022	ND	6.16	103	6.00	3.46		
Total BTEX	<0.300	0.300	04/06/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	04/06/2022	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	04/06/2022	ND	181	90.7	200	5.61	
DRO >C10-C28*	<10.0	10.0	04/06/2022	ND	175	87.7	200	4.30	
EXT DRO >C28-C36	<10.0	10.0	04/06/2022	ND					

Surrogate: 1-Chlorooctane 89.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.4 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/05/2022	Sampling Date:	04/05/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: W 4 @ 0-4' (H221353-15)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/06/2022	ND	2.09	104	2.00	4.84		
Toluene*	<0.050	0.050	04/06/2022	ND	2.06	103	2.00	4.79		
Ethylbenzene*	<0.050	0.050	04/06/2022	ND	2.01	100	2.00	3.82		
Total Xylenes*	<0.150	0.150	04/06/2022	ND	6.16	103	6.00	3.46		
Total BTEx	<0.300	0.300	04/06/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	04/06/2022	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	04/06/2022	ND	181	90.7	200	5.61	
DRO >C10-C28*	<10.0	10.0	04/06/2022	ND	175	87.7	200	4.30	
EXT DRO >C28-C36	<10.0	10.0	04/06/2022	ND					

Surrogate: 1-Chlorooctane 94.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 99.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/05/2022	Sampling Date:	04/05/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: W 5 @ 0-4' (H221353-16)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/06/2022	ND	2.09	104	2.00	4.84		
Toluene*	<0.050	0.050	04/06/2022	ND	2.06	103	2.00	4.79		
Ethylbenzene*	<0.050	0.050	04/06/2022	ND	2.01	100	2.00	3.82		
Total Xylenes*	<0.150	0.150	04/06/2022	ND	6.16	103	6.00	3.46		
Total BTEx	<0.300	0.300	04/06/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/06/2022	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	04/06/2022	ND	181	90.7	200	5.61	
DRO >C10-C28*	<10.0	10.0	04/06/2022	ND	175	87.7	200	4.30	
EXT DRO >C28-C36	<10.0	10.0	04/06/2022	ND					

Surrogate: 1-Chlorooctane 74.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 76.2 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: DiamondBack Disposals						BILL TO										ANALYSIS REQUEST									
Project Manager: Justin Roberts						P.O. #:																			
Address: 2525 NW County RD						Company: Mewbourne																			
City: Hobbs State: NM ZIP: 88240						Attn: Robbie Runnels																			
Phone #: (575)-392-9996						Address:																			
Project #: MoC-368						City:																			
Project Name:						State: Zip:																			
Project Location: Mirage 30 B3IL State Com #2H						Phone #:																			
Sampler Name: Jason Owsley						Fax #:																			
FOR LAB USE ONLY																									
Lab I.D.																									
Sample I.D.																									
(G)RAB OR (C)OMP.						# CONTAINERS																			
GROUNDWATER						WASTEWATER																			
SOIL						OIL																			
SLUDGE						OTHER : ACID/BASE:																			
ICE / COOL						OTHER :																			
DATE						TIME																			
CL						EXT TPH						BTEX													
1 B10 @ 1'						c						x x x													
2 B11 @ 1'						c						x x x													
3 B12 @ 1'						c						x x x													
4 B13 @ 1'						c						x x x													
5 B14 @ 1'						c						x x x													
6 B15 @ 1'						c						x x x													
7 B16 @ 1'						c						x x x													
8 B7 @ 4'						c						x x x													
9 B8 @ 4'						c						x x x													
10 B9 @ 4'						c						x x x													
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Relinquished By:						Date: 4.5.22 Time: 1535						Received By: [Signature]													
Relinquished By:						Date: Time:						REMARKS:													
Delivered By: (Circle One) Sampler - UPS - Bus - Other:						Observed Temp. °C Corrected Temp. °C 4.7°C 4.2°C						Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No													
						CHECKED BY: (Initials) [Signature]						Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Bacteria (only) Sample Condition Observed Temp. °C Thermometer ID #113 Correction Factor -0.5°C													

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

[illegible]



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

April 11, 2022

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: MIRAGE 30 B3IL STATE COM #2H

Enclosed are the results of analyses for samples received by the laboratory on 04/06/22 14:52.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/06/2022	Sampling Date:	04/06/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 27 @ 3' (H221397-01)

BTX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/08/2022	ND	2.17	108	2.00	1.61		
Toluene*	<0.050	0.050	04/08/2022	ND	2.17	108	2.00	1.21		
Ethylbenzene*	<0.050	0.050	04/08/2022	ND	2.14	107	2.00	0.632		
Total Xylenes*	<0.150	0.150	04/08/2022	ND	6.65	111	6.00	0.297		
Total BTX	<0.300	0.300	04/08/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	04/08/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2022	ND	174	86.8	200	2.69	
DRO >C10-C28*	<10.0	10.0	04/08/2022	ND	182	90.8	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	04/08/2022	ND					

Surrogate: 1-Chlorooctane 116 % 66.9-136

Surrogate: 1-Chlorooctadecane 131 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/06/2022	Sampling Date:	04/06/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 28 @ 3' (H221397-02)

BTX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/08/2022	ND	2.17	108	2.00	1.61	
Toluene*	<0.050	0.050	04/08/2022	ND	2.17	108	2.00	1.21	
Ethylbenzene*	<0.050	0.050	04/08/2022	ND	2.14	107	2.00	0.632	
Total Xylenes*	<0.150	0.150	04/08/2022	ND	6.65	111	6.00	0.297	
Total BTX	<0.300	0.300	04/08/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	04/08/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2022	ND	174	86.8	200	2.69	
DRO >C10-C28*	<10.0	10.0	04/08/2022	ND	182	90.8	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	04/08/2022	ND					

Surrogate: 1-Chlorooctane 111 % 66.9-136

Surrogate: 1-Chlorooctadecane 125 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/06/2022	Sampling Date:	04/06/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 36 @ 3' (H221397-03)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/08/2022	ND	2.17	108	2.00	1.61		
Toluene*	<0.050	0.050	04/08/2022	ND	2.17	108	2.00	1.21		
Ethylbenzene*	<0.050	0.050	04/08/2022	ND	2.14	107	2.00	0.632		
Total Xylenes*	<0.150	0.150	04/08/2022	ND	6.65	111	6.00	0.297		
Total BTEX	<0.300	0.300	04/08/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	04/08/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2022	ND	174	86.8	200	2.69	
DRO >C10-C28*	<10.0	10.0	04/08/2022	ND	182	90.8	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	04/08/2022	ND					

Surrogate: 1-Chlorooctane 120 % 66.9-136

Surrogate: 1-Chlorooctadecane 139 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/06/2022	Sampling Date:	04/06/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 37 @ 3' (H221397-04)

BTX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/08/2022	ND	2.17	108	2.00	1.61		
Toluene*	<0.050	0.050	04/08/2022	ND	2.17	108	2.00	1.21		
Ethylbenzene*	<0.050	0.050	04/08/2022	ND	2.14	107	2.00	0.632		
Total Xylenes*	<0.150	0.150	04/08/2022	ND	6.65	111	6.00	0.297		
Total BTX	<0.300	0.300	04/08/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	04/08/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2022	ND	174	86.8	200	2.69	
DRO >C10-C28*	<10.0	10.0	04/08/2022	ND	182	90.8	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	04/08/2022	ND					

Surrogate: 1-Chlorooctane 117 % 66.9-136

Surrogate: 1-Chlorooctadecane 131 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/06/2022	Sampling Date:	04/06/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 38 @ 3' (H221397-05)

BTX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/08/2022	ND	2.17	108	2.00	1.61	
Toluene*	<0.050	0.050	04/08/2022	ND	2.17	108	2.00	1.21	
Ethylbenzene*	<0.050	0.050	04/08/2022	ND	2.14	107	2.00	0.632	
Total Xylenes*	<0.150	0.150	04/08/2022	ND	6.65	111	6.00	0.297	
Total BTX	<0.300	0.300	04/08/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	04/08/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2022	ND	174	86.8	200	2.69	
DRO >C10-C28*	<10.0	10.0	04/08/2022	ND	182	90.8	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	04/08/2022	ND					

Surrogate: 1-Chlorooctane 109 % 66.9-136

Surrogate: 1-Chlorooctadecane 124 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/06/2022	Sampling Date:	04/06/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 39 @ 3' (H221397-06)

BTX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/08/2022	ND	2.17	108	2.00	1.61	
Toluene*	<0.050	0.050	04/08/2022	ND	2.17	108	2.00	1.21	
Ethylbenzene*	<0.050	0.050	04/08/2022	ND	2.14	107	2.00	0.632	
Total Xylenes*	<0.150	0.150	04/08/2022	ND	6.65	111	6.00	0.297	
Total BTX	<0.300	0.300	04/08/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	04/08/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2022	ND	174	86.8	200	2.69	
DRO >C10-C28*	<10.0	10.0	04/08/2022	ND	182	90.8	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	04/08/2022	ND					

Surrogate: 1-Chlorooctane 117 % 66.9-136

Surrogate: 1-Chlorooctadecane 134 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/06/2022	Sampling Date:	04/06/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 20 @ 3' (H221397-07)

BTX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/08/2022	ND	2.17	108	2.00	1.61	
Toluene*	<0.050	0.050	04/08/2022	ND	2.17	108	2.00	1.21	
Ethylbenzene*	<0.050	0.050	04/08/2022	ND	2.14	107	2.00	0.632	
Total Xylenes*	<0.150	0.150	04/08/2022	ND	6.65	111	6.00	0.297	
Total BTX	<0.300	0.300	04/08/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	04/08/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2022	ND	174	86.8	200	2.69	
DRO >C10-C28*	<10.0	10.0	04/08/2022	ND	182	90.8	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	04/08/2022	ND					

Surrogate: 1-Chlorooctane 109 % 66.9-136

Surrogate: 1-Chlorooctadecane 125 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager

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

Celey D. Keene, Lab Director/Quality Manager



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

April 11, 2022

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: MIRAGE 30 B3IL STATE COM #2H

Enclosed are the results of analyses for samples received by the laboratory on 04/06/22 14:52.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/06/2022	Sampling Date:	04/06/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: W 7 @ 0-1' (H221398-01)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/08/2022	ND	2.17	108	2.00	1.61	
Toluene*	<0.050	0.050	04/08/2022	ND	2.17	108	2.00	1.21	
Ethylbenzene*	<0.050	0.050	04/08/2022	ND	2.14	107	2.00	0.632	
Total Xylenes*	<0.150	0.150	04/08/2022	ND	6.65	111	6.00	0.297	
Total BTEX	<0.300	0.300	04/08/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/08/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2022	ND	174	86.8	200	2.69	
DRO >C10-C28*	<10.0	10.0	04/08/2022	ND	182	90.8	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	04/08/2022	ND					

Surrogate: 1-Chlorooctane 112 % 66.9-136

Surrogate: 1-Chlorooctadecane 127 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/06/2022	Sampling Date:	04/06/2022
Reported:	04/11/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: W 11 @ 1-3' (H221398-02)

BTX 8021B			mg/kg							
			Analyzed By: MS\							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/08/2022	ND	2.17	108	2.00	1.61		
Toluene*	<0.050	0.050	04/08/2022	ND	2.17	108	2.00	1.21		
Ethylbenzene*	<0.050	0.050	04/08/2022	ND	2.14	107	2.00	0.632		
Total Xylenes*	<0.150	0.150	04/08/2022	ND	6.65	111	6.00	0.297		
Total BTX	<0.300	0.300	04/08/2022	ND						

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

Chloride, SM4500CI-B			mg/kg							
			Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	04/08/2022	ND	416	104	400	3.77		

TPH 8015M			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/08/2022	ND	181	90.6	200	6.59		
DRO >C10-C28*	<10.0	10.0	04/08/2022	ND	170	85.0	200	6.70		
EXT DRO >C28-C36	<10.0	10.0	04/08/2022	ND						

Surrogate: 1-Chlorooctane 72.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 71.6 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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



Celey D. Keene, Lab Director/Quality Manager

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

[illegible]

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

Relinquished By: 		Date: 4-6-22 Time: 1452	Received By: 	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No All Results are emailed. Please provide Email address: Jason.Owsley.DB@gmail.com / yessi_diamond@yahoo.com / Justin / Robbie
Relinquished By:		Date: Time:	Received By:	REMARKS:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 4.5°C Corrected Temp. °C 4.0°C	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials) TO-	Turnaround Time: Standard <input checked="" type="checkbox"/> Bacteria (only) Sample Condition Rush <input type="checkbox"/> Cool Intact <input type="checkbox"/> Observed Temp. °C Thermometer ID #113 Correction Factor -0.5°C



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

April 13, 2022

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: MIRAGE 30 B3IL STATE COM #2H

Enclosed are the results of analyses for samples received by the laboratory on 04/07/22 16:00.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/07/2022	Sampling Date:	04/07/2022
Reported:	04/13/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	** (See Notes)
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 21 @ 3' (H221424-01)

BTX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/12/2022	ND	2.06	103	2.00	4.38		
Toluene*	<0.050	0.050	04/12/2022	ND	2.07	103	2.00	5.05		
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	2.03	102	2.00	5.45		
Total Xylenes*	<0.150	0.150	04/12/2022	ND	6.25	104	6.00	5.69		
Total BTX	<0.300	0.300	04/12/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/11/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/11/2022	ND	173	86.4	200	4.81	
DRO >C10-C28*	<10.0	10.0	04/11/2022	ND	170	85.0	200	1.59	
EXT DRO >C28-C36	<10.0	10.0	04/11/2022	ND					

Surrogate: 1-Chlorooctane 95.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.4 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/07/2022	Sampling Date:	04/07/2022
Reported:	04/13/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	** (See Notes)
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 22 @ 3' (H221424-02)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/12/2022	ND	2.06	103	2.00	4.38		
Toluene*	<0.050	0.050	04/12/2022	ND	2.07	103	2.00	5.05		
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	2.03	102	2.00	5.45		
Total Xylenes*	<0.150	0.150	04/12/2022	ND	6.25	104	6.00	5.69		
Total BTEx	<0.300	0.300	04/12/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	04/11/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/11/2022	ND	173	86.4	200	4.81	
DRO >C10-C28*	<10.0	10.0	04/11/2022	ND	170	85.0	200	1.59	
EXT DRO >C28-C36	<10.0	10.0	04/11/2022	ND					

Surrogate: 1-Chlorooctane 89.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.9 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/07/2022	Sampling Date:	04/07/2022
Reported:	04/13/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	** (See Notes)
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 23 @ 3' (H221424-03)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/12/2022	ND	2.06	103	2.00	4.38		
Toluene*	<0.050	0.050	04/12/2022	ND	2.07	103	2.00	5.05		
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	2.03	102	2.00	5.45		
Total Xylenes*	<0.150	0.150	04/12/2022	ND	6.25	104	6.00	5.69		
Total BTEx	<0.300	0.300	04/12/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/11/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/11/2022	ND	173	86.4	200	4.81	
DRO >C10-C28*	<10.0	10.0	04/11/2022	ND	170	85.0	200	1.59	
EXT DRO >C28-C36	<10.0	10.0	04/11/2022	ND					

Surrogate: 1-Chlorooctane 89.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.6 % 59.5-142

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Analytical Results For:

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

Received:	04/07/2022	Sampling Date:	04/07/2022
Reported:	04/13/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	** (See Notes)
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 24 @ 3' (H221424-04)

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	04/12/2022	ND	2.06	103	2.00	4.38		
Toluene*	<0.050	0.050	04/12/2022	ND	2.07	103	2.00	5.05		
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	2.03	102	2.00	5.45		
Total Xylenes*	<0.150	0.150	04/12/2022	ND	6.25	104	6.00	5.69		
Total BTEX	<0.300	0.300	04/12/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/11/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/11/2022	ND	173	86.4	200	4.81	
DRO >C10-C28*	<10.0	10.0	04/11/2022	ND	170	85.0	200	1.59	
EXT DRO >C28-C36	<10.0	10.0	04/11/2022	ND					

Surrogate: 1-Chlorooctane 90.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.8 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/07/2022	Sampling Date:	04/07/2022
Reported:	04/13/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	** (See Notes)
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 26 @ 3' (H221424-05)

BTX 8021B			mg/kg							
			Analyzed By: MS\							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/12/2022	ND	2.02	101	2.00	6.51		
Toluene*	<0.050	0.050	04/12/2022	ND	2.02	101	2.00	6.85		
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	2.00	100	2.00	6.87		
Total Xylenes*	<0.150	0.150	04/12/2022	ND	6.19	103	6.00	7.36		
Total BTX	<0.300	0.300	04/12/2022	ND						

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

Chloride, SM4500CI-B			mg/kg							
			Analyzed By: GM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/11/2022	ND	416	104	400	3.77		

TPH 8015M			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/11/2022	ND	173	86.4	200	4.81		
DRO >C10-C28*	<10.0	10.0	04/11/2022	ND	170	85.0	200	1.59		
EXT DRO >C28-C36	<10.0	10.0	04/11/2022	ND						

Surrogate: 1-Chlorooctane 95.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.9 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/07/2022	Sampling Date:	04/07/2022
Reported:	04/13/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	** (See Notes)
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 29 @ 3' (H221424-06)

BTX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/12/2022	ND	2.02	101	2.00	6.51		
Toluene*	<0.050	0.050	04/12/2022	ND	2.02	101	2.00	6.85		
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	2.00	100	2.00	6.87		
Total Xylenes*	<0.150	0.150	04/12/2022	ND	6.19	103	6.00	7.36		
Total BTX	<0.300	0.300	04/12/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	04/11/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/11/2022	ND	173	86.4	200	4.81	
DRO >C10-C28*	<10.0	10.0	04/11/2022	ND	170	85.0	200	1.59	
EXT DRO >C28-C36	<10.0	10.0	04/11/2022	ND					

Surrogate: 1-Chlorooctane 95.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.0 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/07/2022	Sampling Date:	04/07/2022
Reported:	04/13/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	** (See Notes)
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 30 @ 3' (H221424-07)

BTX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/12/2022	ND	2.02	101	2.00	6.51		
Toluene*	<0.050	0.050	04/12/2022	ND	2.02	101	2.00	6.85		
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	2.00	100	2.00	6.87		
Total Xylenes*	<0.150	0.150	04/12/2022	ND	6.19	103	6.00	7.36		
Total BTX	<0.300	0.300	04/12/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/11/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/11/2022	ND	173	86.4	200	4.81	
DRO >C10-C28*	<10.0	10.0	04/11/2022	ND	170	85.0	200	1.59	
EXT DRO >C28-C36	<10.0	10.0	04/11/2022	ND					

Surrogate: 1-Chlorooctane 92.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.0 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/07/2022	Sampling Date:	04/07/2022
Reported:	04/13/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	** (See Notes)
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 31 @ 3' (H221424-08)

BTEX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/12/2022	ND	2.02	101	2.00	6.51		
Toluene*	<0.050	0.050	04/12/2022	ND	2.02	101	2.00	6.85		
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	2.00	100	2.00	6.87		
Total Xylenes*	<0.150	0.150	04/12/2022	ND	6.19	103	6.00	7.36		
Total BTEX	<0.300	0.300	04/12/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	04/11/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/11/2022	ND	173	86.4	200	4.81	
DRO >C10-C28*	<10.0	10.0	04/11/2022	ND	170	85.0	200	1.59	
EXT DRO >C28-C36	<10.0	10.0	04/11/2022	ND					

Surrogate: 1-Chlorooctane 94.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/07/2022	Sampling Date:	04/07/2022
Reported:	04/13/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	** (See Notes)
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 32 @ 3' (H221424-09)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/12/2022	ND	2.02	101	2.00	6.51		
Toluene*	<0.050	0.050	04/12/2022	ND	2.02	101	2.00	6.85		
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	2.00	100	2.00	6.87		
Total Xylenes*	<0.150	0.150	04/12/2022	ND	6.19	103	6.00	7.36		
Total BTEx	<0.300	0.300	04/12/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	04/11/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/11/2022	ND	173	86.4	200	4.81	
DRO >C10-C28*	<10.0	10.0	04/11/2022	ND	170	85.0	200	1.59	
EXT DRO >C28-C36	<10.0	10.0	04/11/2022	ND					

Surrogate: 1-Chlorooctane 89.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.6 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/07/2022	Sampling Date:	04/07/2022
Reported:	04/13/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	** (See Notes)
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 33 @ 3' (H221424-10)

BTX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/12/2022	ND	2.02	101	2.00	6.51		
Toluene*	<0.050	0.050	04/12/2022	ND	2.02	101	2.00	6.85		
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	2.00	100	2.00	6.87		
Total Xylenes*	<0.150	0.150	04/12/2022	ND	6.19	103	6.00	7.36		
Total BTX	<0.300	0.300	04/12/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/11/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/11/2022	ND	173	86.4	200	4.81	
DRO >C10-C28*	<10.0	10.0	04/11/2022	ND	170	85.0	200	1.59	
EXT DRO >C28-C36	<10.0	10.0	04/11/2022	ND					

Surrogate: 1-Chlorooctane 85.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 85.2 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/07/2022	Sampling Date:	04/07/2022
Reported:	04/13/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	** (See Notes)
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 34 @ 3' (H221424-11)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/12/2022	ND	2.02	101	2.00	6.51		
Toluene*	<0.050	0.050	04/12/2022	ND	2.02	101	2.00	6.85		
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	2.00	100	2.00	6.87		
Total Xylenes*	<0.150	0.150	04/12/2022	ND	6.19	103	6.00	7.36		
Total BTEx	<0.300	0.300	04/12/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/11/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/11/2022	ND	173	86.4	200	4.81	
DRO >C10-C28*	<10.0	10.0	04/11/2022	ND	170	85.0	200	1.59	
EXT DRO >C28-C36	<10.0	10.0	04/11/2022	ND					

Surrogate: 1-Chlorooctane 93.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.2 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/07/2022	Sampling Date:	04/07/2022
Reported:	04/13/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	** (See Notes)
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 35 @ 3' (H221424-12)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/12/2022	ND	2.02	101	2.00	6.51		
Toluene*	<0.050	0.050	04/12/2022	ND	2.02	101	2.00	6.85		
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	2.00	100	2.00	6.87		
Total Xylenes*	<0.150	0.150	04/12/2022	ND	6.19	103	6.00	7.36		
Total BTEx	<0.300	0.300	04/12/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/11/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/11/2022	ND	173	86.4	200	4.81	
DRO >C10-C28*	<10.0	10.0	04/11/2022	ND	170	85.0	200	1.59	
EXT DRO >C28-C36	<10.0	10.0	04/11/2022	ND					

Surrogate: 1-Chlorooctane 94.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.0 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/07/2022	Sampling Date:	04/07/2022
Reported:	04/13/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	** (See Notes)
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 41 @ 3' (H221424-13)

BTX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/12/2022	ND	2.02	101	2.00	6.51		
Toluene*	<0.050	0.050	04/12/2022	ND	2.02	101	2.00	6.85		
Ethylbenzene*	<0.050	0.050	04/12/2022	ND	2.00	100	2.00	6.87		
Total Xylenes*	<0.150	0.150	04/12/2022	ND	6.19	103	6.00	7.36		
Total BTX	<0.300	0.300	04/12/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	04/11/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/11/2022	ND	173	86.4	200	4.81	
DRO >C10-C28*	<10.0	10.0	04/11/2022	ND	170	85.0	200	1.59	
EXT DRO >C28-C36	<10.0	10.0	04/11/2022	ND					

Surrogate: 1-Chlorooctane 93.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.5 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



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-368				City:																											
Project Name:				State: Zip:																											
Project Location: Mirage 30 B3IL State COM #2H				Phone #:																											
Sampler Name: Jason Owsley				Fax #:																											
FOR LAB USE ONLY																															
Lab I.D.		Sample I.D.		(GRAB OR (C)OMP.		# CONTAINERS		MATRIX				PRESERV.		SAMPLING																	
								GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:				ACID/BASE: ICE / COOL OTHER:																			
4281424																															
1 B21 @ 3'				c 1								X		4/7/2022 9:20am		X		EXT													
2 B22 @ 3'				c 1								X		4/7/2022 9:22am		X		TPH													
3 B23 @ 3'				c 1								X		4/7/2022 9:24am		X		BTEX													
4 B24 @ 3'				c 1								X		4/7/2022 9:26am		X															
5 B26 @ 3'				c 1								X		4/7/2022 9:27am		X															
6 B29 @ 3'				c 1								X		4/7/2022 11:00am		X															
7 B30 @ 3'				c 1								X		4/7/2022 11:02am		X															
8 B31 @ 3'				c 1								X		4/7/2022 11:04am		X															
9 B32 @ 3'				c 1								X		4/7/2022 11:05am		X															
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Relinquished By:				Date: 4-7-22		Received By:				Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No				Add'l Phone #:																	
				Time: 1600						All Results are emailed. Please provide Email address: Jason.Owsley.DB@gmail.com / yessi_diamond@yahoo.com / Justin / Robbie																					
Relinquished By:				Date:		Received By:				REMARKS:																					
				Time:																											
Delivered By: (Circle One)				Observed Temp. °C		Sample Condition				CHECKED BY:				Turnaround Time: Standard <input checked="" type="checkbox"/> Bacteria (only) Sample Condition																	
Sampler - UPS - Bus - Other:				Corrected Temp. °C 8.60		Cool Intact				(Initials)				Rush <input type="checkbox"/> Cool Intact Observed Temp. °C																	
				8.12		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				T.O.				Thermometer ID #113																	
														Correction Factor -0.5°C																	
														<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C																	

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

[illegible]



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

April 14, 2022

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: MIRAGE 30 B3IL STATE COM #2H

Enclosed are the results of analyses for samples received by the laboratory on 04/08/22 15:20.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/14/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 1 @ 3' 6" (H221452-01)

BTX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.11	105	2.00	3.83	
Toluene*	<0.050	0.050	04/14/2022	ND	2.10	105	2.00	3.93	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.08	104	2.00	4.47	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.42	107	6.00	3.56	
Total BTX	<0.300	0.300	04/14/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/14/2022	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	04/13/2022	ND	203	102	200	0.976	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	197	98.3	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane 99.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 113 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/14/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 19 @ 4' (H221452-02)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/14/2022	ND	2.11	105	2.00	3.83		
Toluene*	<0.050	0.050	04/14/2022	ND	2.10	105	2.00	3.93		
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.08	104	2.00	4.47		
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.42	107	6.00	3.56		
Total BTEx	<0.300	0.300	04/14/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/14/2022	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	04/13/2022	ND	203	102	200	0.976	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	197	98.3	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane 85.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.5 % 59.5-142

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Analytical Results For:

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

Received:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/14/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 25 @ 4' (H221452-03)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/14/2022	ND	2.11	105	2.00	3.83		
Toluene*	<0.050	0.050	04/14/2022	ND	2.10	105	2.00	3.93		
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.08	104	2.00	4.47		
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.42	107	6.00	3.56		
Total BTEx	<0.300	0.300	04/14/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/14/2022	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	04/13/2022	ND	203	102	200	0.976	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	197	98.3	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane 84.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.6 % 59.5-142

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Analytical Results For:

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

Received:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/14/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 40 @ 3' (H221452-04)

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	04/14/2022	ND	2.11	105	2.00	3.83		
Toluene*	<0.050	0.050	04/14/2022	ND	2.10	105	2.00	3.93		
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.08	104	2.00	4.47		
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.42	107	6.00	3.56		
Total BTEx	<0.300	0.300	04/14/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	04/14/2022	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	04/13/2022	ND	203	102	200	0.976	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	197	98.3	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane 90.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

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Analytical Results For:

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

Received:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/14/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 42 @ 3' (H221452-05)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/14/2022	ND	2.11	105	2.00	3.83		
Toluene*	<0.050	0.050	04/14/2022	ND	2.10	105	2.00	3.93		
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.08	104	2.00	4.47		
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.42	107	6.00	3.56		
Total BTEX	<0.300	0.300	04/14/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/14/2022	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	04/13/2022	ND	203	102	200	0.976	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	197	98.3	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane 96.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 108 % 59.5-142

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Analytical Results For:

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

Received:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/14/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 43 @ 3' (H221452-06)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/14/2022	ND	2.11	105	2.00	3.83		
Toluene*	<0.050	0.050	04/14/2022	ND	2.10	105	2.00	3.93		
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.08	104	2.00	4.47		
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.42	107	6.00	3.56		
Total BTEx	<0.300	0.300	04/14/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	04/14/2022	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	04/13/2022	ND	203	102	200	0.976	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	197	98.3	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane 88.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 99.1 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/14/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 44 @ 3' (H221452-07)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/14/2022	ND	2.11	105	2.00	3.83		
Toluene*	<0.050	0.050	04/14/2022	ND	2.10	105	2.00	3.93		
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.08	104	2.00	4.47		
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.42	107	6.00	3.56		
Total BTEX	<0.300	0.300	04/14/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	04/14/2022	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	04/13/2022	ND	203	102	200	0.976	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	197	98.3	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane 97.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 108 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/14/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 45 @ 3' (H221452-08)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/14/2022	ND	2.11	105	2.00	3.83		
Toluene*	<0.050	0.050	04/14/2022	ND	2.10	105	2.00	3.93		
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.08	104	2.00	4.47		
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.42	107	6.00	3.56		
Total BTEX	<0.300	0.300	04/14/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	04/14/2022	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	04/13/2022	ND	203	102	200	0.976	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	197	98.3	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane 91.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 102 % 59.5-142

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Analytical Results For:

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

Received:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/14/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 46 @ 3' (H221452-09)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/14/2022	ND	2.11	105	2.00	3.83		
Toluene*	<0.050	0.050	04/14/2022	ND	2.10	105	2.00	3.93		
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.08	104	2.00	4.47		
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.42	107	6.00	3.56		
Total BTEX	<0.300	0.300	04/14/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/14/2022	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	04/13/2022	ND	203	102	200	0.976	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	197	98.3	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane 98.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 114 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/14/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 47 @ 3' (H221452-10)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/14/2022	ND	2.11	105	2.00	3.83		
Toluene*	<0.050	0.050	04/14/2022	ND	2.10	105	2.00	3.93		
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.08	104	2.00	4.47		
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.42	107	6.00	3.56		
Total BTEX	<0.300	0.300	04/14/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/14/2022	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	04/13/2022	ND	203	102	200	0.976	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	197	98.3	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane 99.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 112 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/08/2022	Sampling Date:	04/08/2022
Reported:	04/14/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 48 @ 3' (H221452-11)

BTX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2022	ND	2.11	105	2.00	3.83	
Toluene*	<0.050	0.050	04/14/2022	ND	2.10	105	2.00	3.93	
Ethylbenzene*	<0.050	0.050	04/14/2022	ND	2.08	104	2.00	4.47	
Total Xylenes*	<0.150	0.150	04/14/2022	ND	6.42	107	6.00	3.56	
Total BTX	<0.300	0.300	04/14/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/14/2022	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	04/13/2022	ND	203	102	200	0.976	
DRO >C10-C28*	<10.0	10.0	04/13/2022	ND	197	98.3	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	04/13/2022	ND					

Surrogate: 1-Chlorooctane 99.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 112 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager

101 East Marland, Hobbs, NM 88240
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[illegible]

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[illegible]



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

April 19, 2022

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: MIRAGE 30 B3IL STATE COM #2H

Enclosed are the results of analyses for samples received by the laboratory on 04/13/22 16:06.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/13/2022	Sampling Date:	04/13/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	** (See Notes)
Project Number:	MOC - 368	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: B 49 @ 3' (H221547-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/18/2022	ND	1.93	96.4	2.00	4.47	
Toluene*	<0.050	0.050	04/18/2022	ND	1.98	98.8	2.00	7.88	
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	1.97	98.3	2.00	5.54	
Total Xylenes*	<0.150	0.150	04/18/2022	ND	5.84	97.4	6.00	5.84	
Total BTX	<0.300	0.300	04/18/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	04/19/2022	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	04/18/2022	ND	214	107	200	2.92	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	210	105	200	2.10	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					

Surrogate: 1-Chlorooctane 81.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.5 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/13/2022	Sampling Date:	04/13/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	** (See Notes)
Project Number:	MOC - 368	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: B 50 @ 3' (H221547-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/18/2022	ND	1.93	96.4	2.00	4.47		
Toluene*	<0.050	0.050	04/18/2022	ND	1.98	98.8	2.00	7.88		
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	1.97	98.3	2.00	5.54		
Total Xylenes*	<0.150	0.150	04/18/2022	ND	5.84	97.4	6.00	5.84		
Total BTEx	<0.300	0.300	04/18/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	04/19/2022	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	04/18/2022	ND	214	107	200	2.92	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	210	105	200	2.10	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					

Surrogate: 1-Chlorooctane 90.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.1 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/13/2022	Sampling Date:	04/13/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	** (See Notes)
Project Number:	MOC - 368	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: B 51 @ 3' (H221547-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/18/2022	ND	1.93	96.4	2.00	4.47		
Toluene*	<0.050	0.050	04/18/2022	ND	1.98	98.8	2.00	7.88		
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	1.97	98.3	2.00	5.54		
Total Xylenes*	<0.150	0.150	04/18/2022	ND	5.84	97.4	6.00	5.84		
Total BTEx	<0.300	0.300	04/18/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	04/19/2022	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	04/18/2022	ND	214	107	200	2.92	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	210	105	200	2.10	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					

Surrogate: 1-Chlorooctane 84.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.2 % 59.5-142

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Analytical Results For:

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

Received:	04/13/2022	Sampling Date:	04/13/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	** (See Notes)
Project Number:	MOC - 368	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: B 52 @ 3' (H221547-04)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/18/2022	ND	1.93	96.4	2.00	4.47		
Toluene*	<0.050	0.050	04/18/2022	ND	1.98	98.8	2.00	7.88		
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	1.97	98.3	2.00	5.54		
Total Xylenes*	<0.150	0.150	04/18/2022	ND	5.84	97.4	6.00	5.84		
Total BTX	<0.300	0.300	04/18/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	04/19/2022	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	04/18/2022	ND	214	107	200	2.92	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	210	105	200	2.10	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					

Surrogate: 1-Chlorooctane 82.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/13/2022	Sampling Date:	04/13/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	** (See Notes)
Project Number:	MOC - 368	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: B 57 @ 3' (H221547-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/18/2022	ND	1.93	96.4	2.00	4.47		
Toluene*	<0.050	0.050	04/18/2022	ND	1.98	98.8	2.00	7.88		
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	1.97	98.3	2.00	5.54		
Total Xylenes*	<0.150	0.150	04/18/2022	ND	5.84	97.4	6.00	5.84		
Total BTEX	<0.300	0.300	04/18/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	04/19/2022	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	04/18/2022	ND	214	107	200	2.92	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	210	105	200	2.10	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					

Surrogate: 1-Chlorooctane 81.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.0 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/13/2022	Sampling Date:	04/13/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	** (See Notes)
Project Number:	MOC - 368	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: B 58 @ 3' (H221547-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/18/2022	ND	1.93	96.4	2.00	4.47		
Toluene*	<0.050	0.050	04/18/2022	ND	1.98	98.8	2.00	7.88		
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	1.97	98.3	2.00	5.54		
Total Xylenes*	<0.150	0.150	04/18/2022	ND	5.84	97.4	6.00	5.84		
Total BTEX	<0.300	0.300	04/18/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	04/19/2022	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	04/18/2022	ND	189	94.4	200	4.35	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	183	91.3	200	4.32	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					

Surrogate: 1-Chlorooctane 93.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.2 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/13/2022	Sampling Date:	04/13/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	** (See Notes)
Project Number:	MOC - 368	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: B 59 @ 3' (H221547-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/19/2022	ND	1.93	96.4	2.00	4.47		
Toluene*	<0.050	0.050	04/19/2022	ND	1.98	98.8	2.00	7.88		
Ethylbenzene*	<0.050	0.050	04/19/2022	ND	1.97	98.3	2.00	5.54		
Total Xylenes*	<0.150	0.150	04/19/2022	ND	5.84	97.4	6.00	5.84		
Total BTEx	<0.300	0.300	04/19/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	04/19/2022	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	04/18/2022	ND	189	94.4	200	4.35	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	183	91.3	200	4.32	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					

Surrogate: 1-Chlorooctane 86.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 84.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/13/2022	Sampling Date:	04/13/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	** (See Notes)
Project Number:	MOC - 368	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: B 60 @ 3' (H221547-08)

BTX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/18/2022	ND	2.15	108	2.00	6.30		
Toluene*	<0.050	0.050	04/18/2022	ND	2.15	108	2.00	6.93		
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	2.14	107	2.00	6.22		
Total Xylenes*	<0.150	0.150	04/18/2022	ND	6.64	111	6.00	6.27		
Total BTX	<0.300	0.300	04/18/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	04/19/2022	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	04/18/2022	ND	189	94.4	200	4.35	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	183	91.3	200	4.32	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					

Surrogate: 1-Chlorooctane 99.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.7 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/13/2022	Sampling Date:	04/13/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	** (See Notes)
Project Number:	MOC - 368	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: B 65 @ 3' (H221547-09)

BTX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/18/2022	ND	2.15	108	2.00	6.30		
Toluene*	<0.050	0.050	04/18/2022	ND	2.15	108	2.00	6.93		
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	2.14	107	2.00	6.22		
Total Xylenes*	<0.150	0.150	04/18/2022	ND	6.64	111	6.00	6.27		
Total BTX	<0.300	0.300	04/18/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	04/19/2022	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	04/18/2022	ND	189	94.4	200	4.35	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	183	91.3	200	4.32	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					

Surrogate: 1-Chlorooctane 91.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.9 % 59.5-142

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Analytical Results For:

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

Received:	04/13/2022	Sampling Date:	04/13/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	** (See Notes)
Project Number:	MOC - 368	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: B 66 @ 3' (H221547-10)

BTX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/18/2022	ND	2.15	108	2.00	6.30		
Toluene*	<0.050	0.050	04/18/2022	ND	2.15	108	2.00	6.93		
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	2.14	107	2.00	6.22		
Total Xylenes*	<0.150	0.150	04/18/2022	ND	6.64	111	6.00	6.27		
Total BTX	<0.300	0.300	04/18/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	04/19/2022	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	04/18/2022	ND	189	94.4	200	4.35	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	183	91.3	200	4.32	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					

Surrogate: 1-Chlorooctane 93.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.9 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/13/2022	Sampling Date:	04/13/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	** (See Notes)
Project Number:	MOC - 368	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: W 13 @ 0-3' (H221547-11)

BTX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/18/2022	ND	2.15	108	2.00	6.30		
Toluene*	<0.050	0.050	04/18/2022	ND	2.15	108	2.00	6.93		
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	2.14	107	2.00	6.22		
Total Xylenes*	<0.150	0.150	04/18/2022	ND	6.64	111	6.00	6.27		
Total BTX	<0.300	0.300	04/18/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/19/2022	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	04/18/2022	ND	189	94.4	200	4.35	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	183	91.3	200	4.32	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					

Surrogate: 1-Chlorooctane 98.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.4 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/13/2022	Sampling Date:	04/13/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	** (See Notes)
Project Number:	MOC - 368	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: W 14 @ 0-3' (H221547-12)

BTX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/18/2022	ND	2.15	108	2.00	6.30		
Toluene*	<0.050	0.050	04/18/2022	ND	2.15	108	2.00	6.93		
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	2.14	107	2.00	6.22		
Total Xylenes*	<0.150	0.150	04/18/2022	ND	6.64	111	6.00	6.27		
Total BTX	<0.300	0.300	04/18/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	04/19/2022	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	04/18/2022	ND	189	94.4	200	4.35	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	183	91.3	200	4.32	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					

Surrogate: 1-Chlorooctane 94.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.7 % 59.5-142

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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: DiamondBack Disposals				BILL TO												ANALYSIS REQUEST													
Project Manager: Justin Roberts				P.O. #:																									
Address: 2525 NW County RD				Company: Mewbourne																									
City: Hobbs State: NM ZIP: 88240				Attn: Robbie Runnels																									
Phone #: (575)-392-9996				Address:																									
Project #: MOC-368				City:																									
Project Name:				State: Zip:																									
Project Location: Mirage 30 B3IL State Com #2H				Phone #:																									
Sampler Name: Jason Owsley				Fax #:																									
FOR LAB USE ONLY																													
Lab I.D.		Sample I.D.		(GRAB OR (C)OMP. # CONTAINERS		MATRIX				PRESERV.		SAMPLING																	
						GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :				DATE TIME		CL		EXT TPH		BTEX													
1221547		B49 @ 3'		c 1		X				X		4-13-22 11:00am		X		X		X											
2		B50 @ 3'		c 1		X				X		11:02am		X		X		X											
3		B51 @ 3'		c 1		X				X		11:04am		X		X		X											
4		B52 @ 3'		c 1		X				X		11:06am		X		X		X											
5		B57 @ 3'		c 1		X				X		11:08am		X		X		X											
6		B58 @ 3'		c 1		X				X		11:10am		X		X		X											
7		B59 @ 3'		c 1		X				X		11:12am		X		X		X											
8		B60 @ 3'		c 1		X				X		11:14am		X		X		X											
9		B65 @ 3'		c 1		X				X		11:16am		X		X		X											
10		B66 @ 3'		c 1		X				X		11:20am		X		X		X											
<small>USE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.</small>																													
Relinquished By:				Date: 4-13-22		Received By:				Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No				Add'l Phone #:															
Time: 11:00						Time: 11:00				All Results are emailed. Please provide Email address: Jason.Owsley.DB@gmail.com / yessi_diamond@yahoo.com / Justin / Robbie																			
Relinquished By:				Date:		Received By:				REMARKS:																			
Time:																													
Delivered By: (Circle One)				Observed Temp. °C 7.3c		Sample Condition				CHECKED BY: (Initials)				Turnaround Time: Standard <input checked="" type="checkbox"/> Bacteria (only) Sample Condition															
Sampler - UPS - Bus - Other:				Corrected Temp. °C 6.8c		Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No				5a				Rush <input type="checkbox"/> Cool Intact <input type="checkbox"/> Observed Temp. °C															
														Thermometer ID #113															
														Correction Factor -0.5°C															
														<input type="checkbox"/> Yes <input type="checkbox"/> No															
														<input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C															

FORM-006 R 3.2 10/07/21

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

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

[illegible]



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

April 22, 2022

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: MIRAGE 30 B3IL STATE COM #2H

Enclosed are the results of analyses for samples received by the laboratory on 04/18/22 15:50.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/18/2022	Sampling Date:	04/15/2022
Reported:	04/22/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 82 @ 3' (H221591-01)

BTEX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/20/2022	ND	2.11	106	2.00	0.361		
Toluene*	<0.050	0.050	04/20/2022	ND	2.11	106	2.00	1.26		
Ethylbenzene*	<0.050	0.050	04/20/2022	ND	2.03	101	2.00	0.772		
Total Xylenes*	<0.150	0.150	04/20/2022	ND	6.29	105	6.00	0.899		
Total BTEX	<0.300	0.300	04/20/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/20/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2022	ND	210	105	200	0.818	
DRO >C10-C28*	<10.0	10.0	04/20/2022	ND	211	106	200	1.29	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 101 % 66.9-136

Surrogate: 1-Chlorooctadecane 109 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/18/2022	Sampling Date:	04/15/2022
Reported:	04/22/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 87 @ 3' (H221591-02)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/20/2022	ND	2.11	106	2.00	0.361		
Toluene*	<0.050	0.050	04/20/2022	ND	2.11	106	2.00	1.26		
Ethylbenzene*	<0.050	0.050	04/20/2022	ND	2.03	101	2.00	0.772		
Total Xylenes*	<0.150	0.150	04/20/2022	ND	6.29	105	6.00	0.899		
Total BTEX	<0.300	0.300	04/20/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/20/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2022	ND	210	105	200	0.818	
DRO >C10-C28*	<10.0	10.0	04/20/2022	ND	211	106	200	1.29	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 105 % 66.9-136

Surrogate: 1-Chlorooctadecane 116 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/18/2022	Sampling Date:	04/15/2022
Reported:	04/22/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 88 @ 3' (H221591-03)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/20/2022	ND	2.11	106	2.00	0.361		
Toluene*	<0.050	0.050	04/20/2022	ND	2.11	106	2.00	1.26		
Ethylbenzene*	<0.050	0.050	04/20/2022	ND	2.03	101	2.00	0.772		
Total Xylenes*	<0.150	0.150	04/20/2022	ND	6.29	105	6.00	0.899		
Total BTEX	<0.300	0.300	04/20/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/20/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2022	ND	210	105	200	0.818	
DRO >C10-C28*	<10.0	10.0	04/20/2022	ND	211	106	200	1.29	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 112 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/18/2022	Sampling Date:	04/15/2022
Reported:	04/22/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 92 @ 3' (H221591-04)

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	04/20/2022	ND	2.11	106	2.00	0.361		
Toluene*	<0.050	0.050	04/20/2022	ND	2.11	106	2.00	1.26		
Ethylbenzene*	<0.050	0.050	04/20/2022	ND	2.03	101	2.00	0.772		
Total Xylenes*	<0.150	0.150	04/20/2022	ND	6.29	105	6.00	0.899		
Total BTEX	<0.300	0.300	04/20/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	04/20/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2022	ND	210	105	200	0.818	
DRO >C10-C28*	<10.0	10.0	04/20/2022	ND	211	106	200	1.29	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 100 % 66.9-136

Surrogate: 1-Chlorooctadecane 109 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/18/2022	Sampling Date:	04/15/2022
Reported:	04/22/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 93 @ 3' (H221591-05)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/20/2022	ND	2.11	106	2.00	0.361		
Toluene*	<0.050	0.050	04/20/2022	ND	2.11	106	2.00	1.26		
Ethylbenzene*	<0.050	0.050	04/20/2022	ND	2.03	101	2.00	0.772		
Total Xylenes*	<0.150	0.150	04/20/2022	ND	6.29	105	6.00	0.899		
Total BTEX	<0.300	0.300	04/20/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	04/20/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2022	ND	210	105	200	0.818	
DRO >C10-C28*	<10.0	10.0	04/20/2022	ND	211	106	200	1.29	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 101 % 66.9-136

Surrogate: 1-Chlorooctadecane 111 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/18/2022	Sampling Date:	04/15/2022
Reported:	04/22/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 94 @ 3' (H221591-06)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/20/2022	ND	2.11	106	2.00	0.361		
Toluene*	<0.050	0.050	04/20/2022	ND	2.11	106	2.00	1.26		
Ethylbenzene*	<0.050	0.050	04/20/2022	ND	2.03	101	2.00	0.772		
Total Xylenes*	<0.150	0.150	04/20/2022	ND	6.29	105	6.00	0.899		
Total BTEX	<0.300	0.300	04/20/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/20/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2022	ND	210	105	200	0.818	
DRO >C10-C28*	<10.0	10.0	04/20/2022	ND	211	106	200	1.29	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 101 % 66.9-136

Surrogate: 1-Chlorooctadecane 109 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/18/2022	Sampling Date:	04/15/2022
Reported:	04/22/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 95 @ 3' (H221591-07)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/20/2022	ND	2.11	106	2.00	0.361		
Toluene*	<0.050	0.050	04/20/2022	ND	2.11	106	2.00	1.26		
Ethylbenzene*	<0.050	0.050	04/20/2022	ND	2.03	101	2.00	0.772		
Total Xylenes*	<0.150	0.150	04/20/2022	ND	6.29	105	6.00	0.899		
Total BTEx	<0.300	0.300	04/20/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/20/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2022	ND	210	105	200	0.818	
DRO >C10-C28*	<10.0	10.0	04/20/2022	ND	211	106	200	1.29	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 113 % 66.9-136

Surrogate: 1-Chlorooctadecane 122 % 59.5-142

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/18/2022	Sampling Date:	04/15/2022
Reported:	04/22/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 96 @ 3' (H221591-08)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/20/2022	ND	2.11	106	2.00	0.361		
Toluene*	<0.050	0.050	04/20/2022	ND	2.11	106	2.00	1.26		
Ethylbenzene*	<0.050	0.050	04/20/2022	ND	2.03	101	2.00	0.772		
Total Xylenes*	<0.150	0.150	04/20/2022	ND	6.29	105	6.00	0.899		
Total BTEx	<0.300	0.300	04/20/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	04/20/2022	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	04/20/2022	ND	202	101	200	2.23	
DRO >C10-C28*	<10.0	10.0	04/20/2022	ND	210	105	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 83.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.0 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/18/2022	Sampling Date:	04/15/2022
Reported:	04/22/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 97 @ 3' (H221591-09)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/20/2022	ND	2.11	106	2.00	0.361		
Toluene*	<0.050	0.050	04/20/2022	ND	2.11	106	2.00	1.26		
Ethylbenzene*	<0.050	0.050	04/20/2022	ND	2.03	101	2.00	0.772		
Total Xylenes*	<0.150	0.150	04/20/2022	ND	6.29	105	6.00	0.899		
Total BTEX	<0.300	0.300	04/20/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/20/2022	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	04/20/2022	ND	202	101	200	2.23	
DRO >C10-C28*	<10.0	10.0	04/20/2022	ND	210	105	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 87.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.2 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/18/2022	Sampling Date:	04/15/2022
Reported:	04/22/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 98 @ 3' (H221591-10)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/20/2022	ND	2.11	106	2.00	0.361		
Toluene*	<0.050	0.050	04/20/2022	ND	2.11	106	2.00	1.26		
Ethylbenzene*	<0.050	0.050	04/20/2022	ND	2.03	101	2.00	0.772		
Total Xylenes*	<0.150	0.150	04/20/2022	ND	6.29	105	6.00	0.899		
Total BTEx	<0.300	0.300	04/20/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	04/20/2022	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	04/20/2022	ND	202	101	200	2.23	
DRO >C10-C28*	<10.0	10.0	04/20/2022	ND	210	105	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 81.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 84.2 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/18/2022	Sampling Date:	04/15/2022
Reported:	04/22/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 99 @ 3' (H221591-11)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/20/2022	ND	2.11	106	2.00	0.361		
Toluene*	<0.050	0.050	04/20/2022	ND	2.11	106	2.00	1.26		
Ethylbenzene*	<0.050	0.050	04/20/2022	ND	2.03	101	2.00	0.772		
Total Xylenes*	<0.150	0.150	04/20/2022	ND	6.29	105	6.00	0.899		
Total BTEx	<0.300	0.300	04/20/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	04/20/2022	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	04/20/2022	ND	202	101	200	2.23	
DRO >C10-C28*	<10.0	10.0	04/20/2022	ND	210	105	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 83.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 85.4 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/18/2022	Sampling Date:	04/15/2022
Reported:	04/22/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 100 @ 3' (H221591-12)

BTEx 8021B			mg/kg							
			Analyzed By: MS/							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/20/2022	ND	2.11	106	2.00	0.361		
Toluene*	0.110	0.050	04/20/2022	ND	2.11	106	2.00	1.26		
Ethylbenzene*	<0.050	0.050	04/20/2022	ND	2.03	101	2.00	0.772		
Total Xylenes*	<0.150	0.150	04/20/2022	ND	6.29	105	6.00	0.899		
Total BTEX	<0.300	0.300	04/20/2022	ND						

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

Chloride, SM4500Cl-B			mg/kg							
			Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	04/20/2022	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	04/20/2022	ND	202	101	200	2.23		
DRO >C10-C28*	<10.0	10.0	04/20/2022	ND	210	105	200	1.26		
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND						

Surrogate: 1-Chlorooctane 81.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 84.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



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

April 25, 2022

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: MIRAGE 30 B3IL STATE COM #2H

Enclosed are the results of analyses for samples received by the laboratory on 04/19/22 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/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/19/2022	Sampling Date:	04/19/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 83 @ 3' (H221607-01)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2022	ND	1.96	98.1	2.00	4.15	
Toluene*	<0.050	0.050	04/21/2022	ND	1.93	96.7	2.00	4.45	
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.85	92.6	2.00	4.12	
Total Xylenes*	<0.150	0.150	04/21/2022	ND	5.81	96.9	6.00	3.61	
Total BTX	<0.300	0.300	04/21/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/21/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	221	110	200	5.09	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	241	121	200	2.34	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 97.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 106 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/19/2022	Sampling Date:	04/19/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 84 @ 3' (H221607-02)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/21/2022	ND	1.96	98.1	2.00	4.15		
Toluene*	<0.050	0.050	04/21/2022	ND	1.93	96.7	2.00	4.45		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.85	92.6	2.00	4.12		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	5.81	96.9	6.00	3.61		
Total BTEX	<0.300	0.300	04/21/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/21/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	221	110	200	5.09	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	241	121	200	2.34	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 100 % 66.9-136

Surrogate: 1-Chlorooctadecane 110 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/19/2022	Sampling Date:	04/19/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 85 @ 3' (H221607-03)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/22/2022	ND	2.16	108	2.00	6.69		
Toluene*	<0.050	0.050	04/22/2022	ND	2.14	107	2.00	6.97		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.12	106	2.00	6.65		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.58	110	6.00	6.19		
Total BTEX	<0.300	0.300	04/22/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	04/21/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	221	110	200	5.09	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	241	121	200	2.34	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 111 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/19/2022	Sampling Date:	04/19/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 86 @ 3' (H221607-04)

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	04/22/2022	ND	2.16	108	2.00	6.69		
Toluene*	<0.050	0.050	04/22/2022	ND	2.14	107	2.00	6.97		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.12	106	2.00	6.65		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.58	110	6.00	6.19		
Total BTEx	<0.300	0.300	04/22/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	04/21/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	221	110	200	5.09	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	241	121	200	2.34	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 110 % 66.9-136

Surrogate: 1-Chlorooctadecane 119 % 59.5-142

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Analytical Results For:

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

Received:	04/19/2022	Sampling Date:	04/19/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 101 @ 3' (H221607-05)

BTX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/22/2022	ND	2.16	108	2.00	6.69		
Toluene*	<0.050	0.050	04/22/2022	ND	2.14	107	2.00	6.97		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.12	106	2.00	6.65		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.58	110	6.00	6.19		
Total BTX	<0.300	0.300	04/22/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/21/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	221	110	200	5.09	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	241	121	200	2.34	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 111 % 66.9-136

Surrogate: 1-Chlorooctadecane 122 % 59.5-142

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Analytical Results For:

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

Received:	04/19/2022	Sampling Date:	04/19/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 102 @ 3' (H221607-06)

BTX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/22/2022	ND	2.16	108	2.00	6.69		
Toluene*	<0.050	0.050	04/22/2022	ND	2.14	107	2.00	6.97		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.12	106	2.00	6.65		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.58	110	6.00	6.19		
Total BTX	<0.300	0.300	04/22/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	04/21/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	221	110	200	5.09	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	241	121	200	2.34	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 112 % 66.9-136

Surrogate: 1-Chlorooctadecane 125 % 59.5-142

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Analytical Results For:

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

Received:	04/19/2022	Sampling Date:	04/19/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 103 @ 3' (H221607-07)

BTX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/22/2022	ND	2.16	108	2.00	6.69		
Toluene*	<0.050	0.050	04/22/2022	ND	2.14	107	2.00	6.97		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.12	106	2.00	6.65		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.58	110	6.00	6.19		
Total BTX	<0.300	0.300	04/22/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	04/21/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	221	110	200	5.09	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	241	121	200	2.34	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 110 % 66.9-136

Surrogate: 1-Chlorooctadecane 121 % 59.5-142

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Analytical Results For:

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

Received:	04/19/2022	Sampling Date:	04/19/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 104 @ 3' (H221607-08)

BTX 8021B			mg/kg							
			Analyzed By: MS\							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/22/2022	ND	2.16	108	2.00	6.69		
Toluene*	<0.050	0.050	04/22/2022	ND	2.14	107	2.00	6.97		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.12	106	2.00	6.65		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.58	110	6.00	6.19		
Total BTX	<0.300	0.300	04/22/2022	ND						

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

Chloride, SM4500CI-B			mg/kg							
			Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	04/21/2022	ND	416	104	400	0.00		

TPH 8015M			mg/kg							
			Analyzed By: CK							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	221	110	200	5.09		
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	241	121	200	2.34		
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND						

Surrogate: 1-Chlorooctane 100 % 66.9-136

Surrogate: 1-Chlorooctadecane 111 % 59.5-142

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Analytical Results For:

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

Received:	04/19/2022	Sampling Date:	04/19/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 105 @ 3' (H221607-09)

BTEx 8021B			mg/kg							
			Analyzed By: MS\							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/22/2022	ND	2.16	108	2.00	6.69		
Toluene*	<0.050	0.050	04/22/2022	ND	2.14	107	2.00	6.97		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.12	106	2.00	6.65		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.58	110	6.00	6.19		
Total BTEX	<0.300	0.300	04/22/2022	ND						

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

Chloride, SM4500Cl-B			mg/kg							
			Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	04/21/2022	ND	416	104	400	0.00		

TPH 8015M			mg/kg							
			Analyzed By: CK							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	221	110	200	5.09		
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	241	121	200	2.34		
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND						

Surrogate: 1-Chlorooctane 95.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 107 % 59.5-142

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Analytical Results For:

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

Received:	04/19/2022	Sampling Date:	04/19/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 106 @ 3' (H221607-10)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/22/2022	ND	2.16	108	2.00	6.69		
Toluene*	<0.050	0.050	04/22/2022	ND	2.14	107	2.00	6.97		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.12	106	2.00	6.65		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.58	110	6.00	6.19		
Total BTEx	<0.300	0.300	04/22/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/21/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	221	110	200	5.09	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	241	121	200	2.34	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 104 % 66.9-136

Surrogate: 1-Chlorooctadecane 115 % 59.5-142

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Analytical Results For:

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

Received:	04/19/2022	Sampling Date:	04/19/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 89 @ 3' (H221607-11)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/22/2022	ND	2.16	108	2.00	6.69		
Toluene*	<0.050	0.050	04/22/2022	ND	2.14	107	2.00	6.97		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.12	106	2.00	6.65		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.58	110	6.00	6.19		
Total BTEx	<0.300	0.300	04/22/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	04/21/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	221	110	200	5.09	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	241	121	200	2.34	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 101 % 66.9-136

Surrogate: 1-Chlorooctadecane 112 % 59.5-142

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Analytical Results For:

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

Received:	04/19/2022	Sampling Date:	04/19/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 90 @ 3' (H221607-12)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/22/2022	ND	2.16	108	2.00	6.69		
Toluene*	<0.050	0.050	04/22/2022	ND	2.14	107	2.00	6.97		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.12	106	2.00	6.65		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.58	110	6.00	6.19		
Total BTEx	<0.300	0.300	04/22/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	04/21/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	207	103	200	8.71	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	232	116	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 82.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 84.0 % 59.5-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/19/2022	Sampling Date:	04/19/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 91 @ 3' (H221607-13)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/22/2022	ND	2.16	108	2.00	6.69		
Toluene*	<0.050	0.050	04/22/2022	ND	2.14	107	2.00	6.97		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.12	106	2.00	6.65		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.58	110	6.00	6.19		
Total BTEx	<0.300	0.300	04/22/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	04/21/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	207	103	200	8.71	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	232	116	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 101 % 66.9-136

Surrogate: 1-Chlorooctadecane 104 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager

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

[illegible]



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: DiamondBack Disposals

Project Manager: Justin Roberts

Address: 2525 NW County RD

City: Hobbs State: NM ZIP: 88240

Phone #: (575)-392-9996

Project #: MOC-368

Project Name:

Project Location: Mirage 30 B3IL State Com #2H

Sampler Name: Jason Owsley

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

BILL TO

ANALYSIS REQUEST

P.O. #:

Company: Mewbourne

Attn: Robbie Runnels

Address:

City:

State: Zip:

Phone #:

Fax #:

MATRIX

PRESERV.

SAMPLING

(G/RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER:

ACID/BASE:

ICE / COOL

OTHER:

DATE

TIME

CL

EXT
TPH

BTEX

H221607

5

B101 @ 3'

c

1

X

X

X

4-19-22

8:30am

X

X

X

6

B102 @ 3'

c

1

X

X

8:32am

X

X

X

7

B103 @ 3'

c

1

X

X

8:34am

X

X

X

8

B104 @ 3'

c

1

X

X

8:36am

X

X

X

9

B105 @ 3'

c

1

X

X

8:38am

X

X

X

10

B106 @ 3'

c

1

X

X

8:40am

X

X

X

11

B89 @ 3'

c

1

X

X

9:30am

X

X

X

12

B90 @ 3'

c

1

X

X

9:32am

X

X

X

13

B91 @ 3'

c

1

X

X

9:34am

X

X

X

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Inquired By:

Date:

Time:

Received By:

Date:

Time:

Inquired By:

Date:

Time:

Received By:

Date:

Time:

Received By: (Circle One)

Carrier - UPS - Bus - Other:

Observed Temp. °C

Corrected Temp. °C

Sample Condition

Cool Intact

☒ Yes ☐ No

☐ Yes ☐ No

CHECKED BY:

(Initials)

Verbal Result: ☐ Yes ☐ No

Add'l Phone #:

All Results are emailed. Please provide Email address: Jason.Owsley.DB@gmail.com / yessi_diamond@yahoo.com / Justin / Robbie

REMARKS:

Turnaround Time:

Standard

☒

Bacteria (only) Sample Condition

Rush

☐

Cool Intact

☐

Observed Temp. °C

Thermometer ID #113

Correction Factor -0.5°C

☐ Yes ☐ No

☐ No ☐ No Corrected Temp. °C

FORM-006 R 3.2 10/07/21

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



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

April 25, 2022

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: MIRAGE 30 B3IL STATE COM #2H

Enclosed are the results of analyses for samples received by the laboratory on 04/20/22 15:59.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/20/2022	Sampling Date:	04/20/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: B 67 @ 2' (H221635-01)

BTX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2022	ND	2.20	110	2.00	5.39	
Toluene*	<0.050	0.050	04/23/2022	ND	2.17	108	2.00	6.38	
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	2.16	108	2.00	5.01	
Total Xylenes*	<0.150	0.150	04/23/2022	ND	6.70	112	6.00	5.23	
Total BTX	<0.300	0.300	04/23/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	04/22/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	221	111	200	6.73	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	251	126	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 97.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 104 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/20/2022	Sampling Date:	04/20/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: B 68 @ 2' (H221635-02)

BTEX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/23/2022	ND	2.20	110	2.00	5.39		
Toluene*	<0.050	0.050	04/23/2022	ND	2.17	108	2.00	6.38		
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	2.16	108	2.00	5.01		
Total Xylenes*	<0.150	0.150	04/23/2022	ND	6.70	112	6.00	5.23		
Total BTEX	<0.300	0.300	04/23/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/22/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	221	111	200	6.73	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	251	126	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 93.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 100 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/20/2022	Sampling Date:	04/20/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: B 69 @ 2' (H221635-03)

BTX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/23/2022	ND	2.20	110	2.00	5.39		
Toluene*	<0.050	0.050	04/23/2022	ND	2.17	108	2.00	6.38		
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	2.16	108	2.00	5.01		
Total Xylenes*	<0.150	0.150	04/23/2022	ND	6.70	112	6.00	5.23		
Total BTX	<0.300	0.300	04/23/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/22/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	221	111	200	6.73	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	251	126	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 94.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 101 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/20/2022	Sampling Date:	04/20/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: B 71 @ 2' (H221635-04)

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	04/23/2022	ND	2.20	110	2.00	5.39		
Toluene*	<0.050	0.050	04/23/2022	ND	2.17	108	2.00	6.38		
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	2.16	108	2.00	5.01		
Total Xylenes*	<0.150	0.150	04/23/2022	ND	6.70	112	6.00	5.23		
Total BTEX	<0.300	0.300	04/23/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/22/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	221	111	200	6.73	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	251	126	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 92.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.8 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/20/2022	Sampling Date:	04/20/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: B 72 @ 2' (H221635-05)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/23/2022	ND	2.20	110	2.00	5.39		
Toluene*	<0.050	0.050	04/23/2022	ND	2.17	108	2.00	6.38		
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	2.16	108	2.00	5.01		
Total Xylenes*	<0.150	0.150	04/23/2022	ND	6.70	112	6.00	5.23		
Total BTEX	<0.300	0.300	04/23/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/22/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	221	111	200	6.73	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	251	126	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 95.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

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Analytical Results For:

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

Received:	04/20/2022	Sampling Date:	04/20/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: B 73 @ 2' (H221635-06)

BTEX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/23/2022	ND	2.20	110	2.00	5.39		
Toluene*	<0.050	0.050	04/23/2022	ND	2.17	108	2.00	6.38		
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	2.16	108	2.00	5.01		
Total Xylenes*	<0.150	0.150	04/23/2022	ND	6.70	112	6.00	5.23		
Total BTEX	<0.300	0.300	04/23/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	04/22/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	221	111	200	6.73	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	251	126	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 80.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 86.4 % 59.5-142

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Analytical Results For:

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

Received:	04/20/2022	Sampling Date:	04/20/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: B 70 @ 2' (H221635-07)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/23/2022	ND	2.20	110	2.00	5.39		
Toluene*	<0.050	0.050	04/23/2022	ND	2.17	108	2.00	6.38		
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	2.16	108	2.00	5.01		
Total Xylenes*	<0.150	0.150	04/23/2022	ND	6.70	112	6.00	5.23		
Total BTEX	<0.300	0.300	04/23/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	04/22/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	221	111	200	6.73	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	251	126	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 97.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 105 % 59.5-142

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Analytical Results For:

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

Received:	04/20/2022	Sampling Date:	04/20/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: B 74 @ 2' (H221635-08)

BTEx 8021B			mg/kg							
			Analyzed By: MS\							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/23/2022	ND	2.20	110	2.00	5.39		
Toluene*	<0.050	0.050	04/23/2022	ND	2.17	108	2.00	6.38		
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	2.16	108	2.00	5.01		
Total Xylenes*	<0.150	0.150	04/23/2022	ND	6.70	112	6.00	5.23		
Total BTEX	<0.300	0.300	04/23/2022	ND						

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

Chloride, SM4500Cl-B			mg/kg							
			Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	04/22/2022	ND	400	100	400	3.92		

TPH 8015M			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	221	111	200	6.73		
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	251	126	200	4.80		
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND						

Surrogate: 1-Chlorooctane 95.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

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Analytical Results For:

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

Received:	04/20/2022	Sampling Date:	04/20/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: B 77 @ 3' (H221635-09)

BTEX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/23/2022	ND	2.20	110	2.00	5.39		
Toluene*	<0.050	0.050	04/23/2022	ND	2.17	108	2.00	6.38		
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	2.16	108	2.00	5.01		
Total Xylenes*	<0.150	0.150	04/23/2022	ND	6.70	112	6.00	5.23		
Total BTEX	<0.300	0.300	04/23/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	04/22/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	221	111	200	6.73	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	251	126	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 94.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

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Analytical Results For:

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

Received:	04/20/2022	Sampling Date:	04/20/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: B 78 @ 3' (H221635-10)

BTX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/23/2022	ND	2.20	110	2.00	5.39		
Toluene*	<0.050	0.050	04/23/2022	ND	2.17	108	2.00	6.38		
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	2.16	108	2.00	5.01		
Total Xylenes*	<0.150	0.150	04/23/2022	ND	6.70	112	6.00	5.23		
Total BTX	<0.300	0.300	04/23/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	04/22/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	221	111	200	6.73	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	251	126	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 92.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 99.8 % 59.5-142

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Analytical Results For:

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

Received:	04/20/2022	Sampling Date:	04/20/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: B 79 @ 3' (H221635-11)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/23/2022	ND	2.20	110	2.00	5.39		
Toluene*	<0.050	0.050	04/23/2022	ND	2.17	108	2.00	6.38		
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	2.16	108	2.00	5.01		
Total Xylenes*	<0.150	0.150	04/23/2022	ND	6.70	112	6.00	5.23		
Total BTEX	<0.300	0.300	04/23/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	04/22/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	221	111	200	6.73	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	251	126	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 96.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

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Analytical Results For:

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

Received:	04/20/2022	Sampling Date:	04/20/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: B 80 @ 3' (H221635-12)

BTEX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/23/2022	ND	2.20	110	2.00	5.39		
Toluene*	<0.050	0.050	04/23/2022	ND	2.17	108	2.00	6.38		
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	2.16	108	2.00	5.01		
Total Xylenes*	<0.150	0.150	04/23/2022	ND	6.70	112	6.00	5.23		
Total BTEX	<0.300	0.300	04/23/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/22/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	221	111	200	6.73	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	251	126	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 90.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.7 % 59.5-142

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Analytical Results For:

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

Received:	04/20/2022	Sampling Date:	04/20/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: B 81 @ 3' (H221635-13)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/23/2022	ND	2.21	110	2.00	1.43		
Toluene*	<0.050	0.050	04/23/2022	ND	2.20	110	2.00	2.73		
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	2.09	105	2.00	2.20		
Total Xylenes*	<0.150	0.150	04/23/2022	ND	6.50	108	6.00	2.41		
Total BTEx	<0.300	0.300	04/23/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/22/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	221	111	200	6.73	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	251	126	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 95.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: DiamondBack Disposals

Project Manager: Justin Roberts

Address: 2525 NW County RD

City: Hobbs State: NM ZIP: 88240

Phone #: (575)-392-9996

Project #: MOC-368

Project Name:

Project Location: Mirage 30 B3IL State COM #2H

Sampler Name: Jason Owsley

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

BILL TO

ANALYSIS REQUEST

P.O. #:

Company: Mewbourne

Attn: Robbie Runnels

Address:

City:

State: Zip:

Phone #:

Fax #:

MATRIX

PRESERV.

SAMPLING

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER:

ACID/BASE:

ICE / COOL

OTHER:

DATE

TIME

CL

EXT
TPH

BTEX

H221435
10
11
12
13

B78 @ 3'

B79 @ 3'

B80 @ 3'

B81 @ 3'

(G)RAB OR (C)OMP.

CONTAINERS

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Requested By:

Date: 4/20/22

Time: 1559

Received By:

Received By:

Date:

Time:

Requested By:

Requested By: (Circle One)

Carrier - UPS - Bus - Other:

Observed Temp. °C

Corrected Temp. °C

4.38
3.88 #113

Sample Condition

Cool Intact

☐ Yes ☒ Yes

☐ No ☐ No

CHECKED BY:

(Initials)

Verbal Result: ☐ Yes ☐ No

Add'l Phone #:

All Results are emailed. Please provide Email address: Jason.Owsley.DB@gmail.com / yessi_diamond@yahoo.com / Justin / Robbie

REMARKS:

Turnaround Time:

Standard

☒

Bacteria (only) Sample Condition

Rush

☐

Cool Intact

☐

Observed Temp. °C

Thermometer ID #113

Correction Factor -0.5°C

☐ Yes ☐ Yes

☐ No ☐ No

Corrected Temp. °C



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

April 26, 2022

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: MIRAGE 30 B3IL STATE COM #2H

Enclosed are the results of analyses for samples received by the laboratory on 04/21/22 16:21.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/21/2022	Sampling Date:	04/21/2022
Reported:	04/26/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: SB 1 @ 2' (H221649-01)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2022	ND	2.08	104	2.00	8.35	
Toluene*	<0.050	0.050	04/25/2022	ND	2.09	104	2.00	9.11	
Ethylbenzene*	<0.050	0.050	04/25/2022	ND	1.99	99.3	2.00	8.81	
Total Xylenes*	<0.150	0.150	04/25/2022	ND	6.19	103	6.00	9.04	
Total BTEX	<0.300	0.300	04/25/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	04/25/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2022	ND	206	103	200	3.33	
DRO >C10-C28*	<10.0	10.0	04/25/2022	ND	187	93.5	200	0.725	
EXT DRO >C28-C36	<10.0	10.0	04/25/2022	ND					

Surrogate: 1-Chlorooctane 86.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.1 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/21/2022	Sampling Date:	04/21/2022
Reported:	04/26/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: SB 2 @ 2' (H221649-02)

BTX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/26/2022	ND	2.08	104	2.00	8.35		
Toluene*	<0.050	0.050	04/26/2022	ND	2.09	104	2.00	9.11		
Ethylbenzene*	<0.050	0.050	04/26/2022	ND	1.99	99.3	2.00	8.81		
Total Xylenes*	<0.150	0.150	04/26/2022	ND	6.19	103	6.00	9.04		
Total BTX	<0.300	0.300	04/26/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	432	16.0	04/25/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2022	ND	206	103	200	3.33	
DRO >C10-C28*	<10.0	10.0	04/25/2022	ND	187	93.5	200	0.725	
EXT DRO >C28-C36	<10.0	10.0	04/25/2022	ND					

Surrogate: 1-Chlorooctane 87.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.2 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/21/2022	Sampling Date:	04/21/2022
Reported:	04/26/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: SB 3 @ 2' (H221649-03)

BTEx 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/26/2022	ND	2.08	104	2.00	8.35	
Toluene*	<0.050	0.050	04/26/2022	ND	2.09	104	2.00	9.11	
Ethylbenzene*	<0.050	0.050	04/26/2022	ND	1.99	99.3	2.00	8.81	
Total Xylenes*	<0.150	0.150	04/26/2022	ND	6.19	103	6.00	9.04	
Total BTEX	<0.300	0.300	04/26/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	576	16.0	04/25/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2022	ND	206	103	200	3.33	
DRO >C10-C28*	<10.0	10.0	04/25/2022	ND	187	93.5	200	0.725	
EXT DRO >C28-C36	<10.0	10.0	04/25/2022	ND					

Surrogate: 1-Chlorooctane 93.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.5 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/21/2022	Sampling Date:	04/21/2022
Reported:	04/26/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: SB 4 @ 2' (H221649-04)

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	04/26/2022	ND	2.08	104	2.00	8.35	
Toluene*	<0.050	0.050	04/26/2022	ND	2.09	104	2.00	9.11	
Ethylbenzene*	<0.050	0.050	04/26/2022	ND	1.99	99.3	2.00	8.81	
Total Xylenes*	<0.150	0.150	04/26/2022	ND	6.19	103	6.00	9.04	
Total BTEx	<0.300	0.300	04/26/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	560	16.0	04/25/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2022	ND	206	103	200	3.33	
DRO >C10-C28*	<10.0	10.0	04/25/2022	ND	187	93.5	200	0.725	
EXT DRO >C28-C36	<10.0	10.0	04/25/2022	ND					

Surrogate: 1-Chlorooctane 89.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.6 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/21/2022	Sampling Date:	04/21/2022
Reported:	04/26/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: SB 5 @ 2' (H221649-05)

BTX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/26/2022	ND	2.08	104	2.00	8.35		
Toluene*	<0.050	0.050	04/26/2022	ND	2.09	104	2.00	9.11		
Ethylbenzene*	<0.050	0.050	04/26/2022	ND	1.99	99.3	2.00	8.81		
Total Xylenes*	<0.150	0.150	04/26/2022	ND	6.19	103	6.00	9.04		
Total BTX	<0.300	0.300	04/26/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	368	16.0	04/25/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2022	ND	206	103	200	3.33	
DRO >C10-C28*	<10.0	10.0	04/25/2022	ND	187	93.5	200	0.725	
EXT DRO >C28-C36	<10.0	10.0	04/25/2022	ND					

Surrogate: 1-Chlorooctane 83.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 83.1 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/21/2022	Sampling Date:	04/21/2022
Reported:	04/26/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: SB 6 @ 2' (H221649-06)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/26/2022	ND	2.08	104	2.00	8.35		
Toluene*	<0.050	0.050	04/26/2022	ND	2.09	104	2.00	9.11		
Ethylbenzene*	<0.050	0.050	04/26/2022	ND	1.99	99.3	2.00	8.81		
Total Xylenes*	<0.150	0.150	04/26/2022	ND	6.19	103	6.00	9.04		
Total BTEX	<0.300	0.300	04/26/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	04/25/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2022	ND	206	103	200	3.33	
DRO >C10-C28*	<10.0	10.0	04/25/2022	ND	187	93.5	200	0.725	
EXT DRO >C28-C36	<10.0	10.0	04/25/2022	ND					

Surrogate: 1-Chlorooctane 93.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.5 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/21/2022	Sampling Date:	04/21/2022
Reported:	04/26/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: SB 7 @ 2' (H221649-07)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/26/2022	ND	2.08	104	2.00	8.35		
Toluene*	<0.050	0.050	04/26/2022	ND	2.09	104	2.00	9.11		
Ethylbenzene*	<0.050	0.050	04/26/2022	ND	1.99	99.3	2.00	8.81		
Total Xylenes*	<0.150	0.150	04/26/2022	ND	6.19	103	6.00	9.04		
Total BTEX	<0.300	0.300	04/26/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	04/25/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2022	ND	206	103	200	3.33	
DRO >C10-C28*	<10.0	10.0	04/25/2022	ND	187	93.5	200	0.725	
EXT DRO >C28-C36	<10.0	10.0	04/25/2022	ND					

Surrogate: 1-Chlorooctane 88.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.9 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/21/2022	Sampling Date:	04/21/2022
Reported:	04/26/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: SB 8 @ 2' (H221649-08)

BTEx 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/26/2022	ND	2.08	104	2.00	8.35	
Toluene*	<0.050	0.050	04/26/2022	ND	2.09	104	2.00	9.11	
Ethylbenzene*	<0.050	0.050	04/26/2022	ND	1.99	99.3	2.00	8.81	
Total Xylenes*	<0.150	0.150	04/26/2022	ND	6.19	103	6.00	9.04	
Total BTEX	<0.300	0.300	04/26/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	04/25/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2022	ND	206	103	200	3.33	
DRO >C10-C28*	<10.0	10.0	04/25/2022	ND	187	93.5	200	0.725	
EXT DRO >C28-C36	<10.0	10.0	04/25/2022	ND					

Surrogate: 1-Chlorooctane 85.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/21/2022	Sampling Date:	04/21/2022
Reported:	04/26/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: SB 9 @ 2' (H221649-09)

BTX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/26/2022	ND	2.08	104	2.00	8.35		
Toluene*	<0.050	0.050	04/26/2022	ND	2.09	104	2.00	9.11		
Ethylbenzene*	<0.050	0.050	04/26/2022	ND	1.99	99.3	2.00	8.81		
Total Xylenes*	<0.150	0.150	04/26/2022	ND	6.19	103	6.00	9.04		
Total BTX	<0.300	0.300	04/26/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/25/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2022	ND	206	103	200	3.33	
DRO >C10-C28*	<10.0	10.0	04/25/2022	ND	187	93.5	200	0.725	
EXT DRO >C28-C36	<10.0	10.0	04/25/2022	ND					

Surrogate: 1-Chlorooctane 90.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.8 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/21/2022	Sampling Date:	04/21/2022
Reported:	04/26/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: SB 10 @ 2' (H221649-10)

BTX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/26/2022	ND	2.08	104	2.00	8.35		
Toluene*	<0.050	0.050	04/26/2022	ND	2.09	104	2.00	9.11		
Ethylbenzene*	<0.050	0.050	04/26/2022	ND	1.99	99.3	2.00	8.81		
Total Xylenes*	<0.150	0.150	04/26/2022	ND	6.19	103	6.00	9.04		
Total BTX	<0.300	0.300	04/26/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	04/25/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2022	ND	206	103	200	3.33	
DRO >C10-C28*	<10.0	10.0	04/25/2022	ND	187	93.5	200	0.725	
EXT DRO >C28-C36	<10.0	10.0	04/25/2022	ND					

Surrogate: 1-Chlorooctane 81.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 83.7 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/21/2022	Sampling Date:	04/21/2022
Reported:	04/26/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: SB 11 @ 2' (H221649-11)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/26/2022	ND	2.08	104	2.00	8.35		
Toluene*	<0.050	0.050	04/26/2022	ND	2.09	104	2.00	9.11		
Ethylbenzene*	<0.050	0.050	04/26/2022	ND	1.99	99.3	2.00	8.81		
Total Xylenes*	<0.150	0.150	04/26/2022	ND	6.19	103	6.00	9.04		
Total BTEX	<0.300	0.300	04/26/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	04/25/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2022	ND	206	103	200	3.33	
DRO >C10-C28*	<10.0	10.0	04/25/2022	ND	187	93.5	200	0.725	
EXT DRO >C28-C36	<10.0	10.0	04/25/2022	ND					

Surrogate: 1-Chlorooctane 86.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 85.7 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/21/2022	Sampling Date:	04/21/2022
Reported:	04/26/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: SB 12 @ 2' (H221649-12)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/26/2022	ND	2.08	104	2.00	8.35		
Toluene*	<0.050	0.050	04/26/2022	ND	2.09	104	2.00	9.11		
Ethylbenzene*	<0.050	0.050	04/26/2022	ND	1.99	99.3	2.00	8.81		
Total Xylenes*	<0.150	0.150	04/26/2022	ND	6.19	103	6.00	9.04		
Total BTEX	<0.300	0.300	04/26/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	04/25/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/25/2022	ND	206	103	200	3.33	
DRO >C10-C28*	<10.0	10.0	04/25/2022	ND	187	93.5	200	0.725	
EXT DRO >C28-C36	<10.0	10.0	04/25/2022	ND					

Surrogate: 1-Chlorooctane 88.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager

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

[illegible]



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

April 29, 2022

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: MIRAGE 30 B3IL STATE COM #2H

Enclosed are the results of analyses for samples received by the laboratory on 04/26/22 15:45.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/26/2022	Sampling Date:	04/26/2022
Reported:	04/29/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 17 @ 3' (H221707-01)

BTX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2022	ND	2.14	107	2.00	0.281	
Toluene*	<0.050	0.050	04/28/2022	ND	2.12	106	2.00	0.407	
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	2.10	105	2.00	0.386	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	6.51	108	6.00	0.643	
Total BTX	<0.300	0.300	04/28/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	368	16.0	04/28/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/27/2022	ND	203	102	200	3.07	
DRO >C10-C28*	<10.0	10.0	04/27/2022	ND	224	112	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	04/27/2022	ND					

Surrogate: 1-Chlorooctane 93.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 106 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/26/2022	Sampling Date:	04/26/2022
Reported:	04/29/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 18 @ 3' (H221707-02)

BTX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/28/2022	ND	2.14	107	2.00	0.281		
Toluene*	<0.050	0.050	04/28/2022	ND	2.12	106	2.00	0.407		
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	2.10	105	2.00	0.386		
Total Xylenes*	<0.150	0.150	04/28/2022	ND	6.51	108	6.00	0.643		
Total BTX	<0.300	0.300	04/28/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	448	16.0	04/28/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/27/2022	ND	203	102	200	3.07	
DRO >C10-C28*	<10.0	10.0	04/27/2022	ND	224	112	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	04/27/2022	ND					

Surrogate: 1-Chlorooctane 94.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 105 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/26/2022	Sampling Date:	04/26/2022
Reported:	04/29/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 53 @ 2' (H221707-03)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/28/2022	ND	2.14	107	2.00	0.281		
Toluene*	<0.050	0.050	04/28/2022	ND	2.12	106	2.00	0.407		
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	2.10	105	2.00	0.386		
Total Xylenes*	<0.150	0.150	04/28/2022	ND	6.51	108	6.00	0.643		
Total BTEX	<0.300	0.300	04/28/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	464	16.0	04/28/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/27/2022	ND	197	98.7	200	2.20	
DRO >C10-C28*	<10.0	10.0	04/27/2022	ND	207	103	200	0.460	
EXT DRO >C28-C36	<10.0	10.0	04/27/2022	ND					

Surrogate: 1-Chlorooctane 90.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 86.2 % 59.5-142

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Analytical Results For:

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

Received:	04/26/2022	Sampling Date:	04/26/2022
Reported:	04/29/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 54 @ 2' (H221707-04)

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	04/28/2022	ND	2.14	107	2.00	0.281		
Toluene*	<0.050	0.050	04/28/2022	ND	2.12	106	2.00	0.407		
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	2.10	105	2.00	0.386		
Total Xylenes*	<0.150	0.150	04/28/2022	ND	6.51	108	6.00	0.643		
Total BTEX	<0.300	0.300	04/28/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	04/28/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/27/2022	ND	197	98.7	200	2.20	
DRO >C10-C28*	<10.0	10.0	04/27/2022	ND	207	103	200	0.460	
EXT DRO >C28-C36	<10.0	10.0	04/27/2022	ND					

Surrogate: 1-Chlorooctane 87.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 83.5 % 59.5-142

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Analytical Results For:

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

Received:	04/26/2022	Sampling Date:	04/26/2022
Reported:	04/29/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 55 @ 2' (H221707-05)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/28/2022	ND	2.14	107	2.00	0.281		
Toluene*	<0.050	0.050	04/28/2022	ND	2.12	106	2.00	0.407		
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	2.10	105	2.00	0.386		
Total Xylenes*	<0.150	0.150	04/28/2022	ND	6.51	108	6.00	0.643		
Total BTEX	<0.300	0.300	04/28/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	04/28/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/27/2022	ND	197	98.7	200	2.20	
DRO >C10-C28*	<10.0	10.0	04/27/2022	ND	207	103	200	0.460	
EXT DRO >C28-C36	<10.0	10.0	04/27/2022	ND					

Surrogate: 1-Chlorooctane 85.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 80.7 % 59.5-142

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Analytical Results For:

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

Received:	04/26/2022	Sampling Date:	04/26/2022
Reported:	04/29/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 56 @ 2' (H221707-06)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/28/2022	ND	2.14	107	2.00	0.281		
Toluene*	<0.050	0.050	04/28/2022	ND	2.12	106	2.00	0.407		
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	2.10	105	2.00	0.386		
Total Xylenes*	<0.150	0.150	04/28/2022	ND	6.51	108	6.00	0.643		
Total BTEX	<0.300	0.300	04/28/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	04/28/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/27/2022	ND	197	98.7	200	2.20	
DRO >C10-C28*	<10.0	10.0	04/27/2022	ND	207	103	200	0.460	
EXT DRO >C28-C36	<10.0	10.0	04/27/2022	ND					

Surrogate: 1-Chlorooctane 89.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 85.5 % 59.5-142

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Analytical Results For:

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

Received:	04/26/2022	Sampling Date:	04/26/2022
Reported:	04/29/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 61 @ 2' (H221707-07)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/28/2022	ND	2.14	107	2.00	0.281		
Toluene*	<0.050	0.050	04/28/2022	ND	2.12	106	2.00	0.407		
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	2.10	105	2.00	0.386		
Total Xylenes*	<0.150	0.150	04/28/2022	ND	6.51	108	6.00	0.643		
Total BTEX	<0.300	0.300	04/28/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	04/28/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/27/2022	ND	197	98.7	200	2.20	
DRO >C10-C28*	<10.0	10.0	04/27/2022	ND	207	103	200	0.460	
EXT DRO >C28-C36	<10.0	10.0	04/27/2022	ND					

Surrogate: 1-Chlorooctane 79.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 75.0 % 59.5-142

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Analytical Results For:

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

Received:	04/26/2022	Sampling Date:	04/26/2022
Reported:	04/29/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 62 @ 2' (H221707-08)

BTEx 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2022	ND	2.14	107	2.00	0.281	
Toluene*	<0.050	0.050	04/28/2022	ND	2.12	106	2.00	0.407	
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	2.10	105	2.00	0.386	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	6.51	108	6.00	0.643	
Total BTEX	<0.300	0.300	04/28/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	04/28/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/27/2022	ND	197	98.7	200	2.20	
DRO >C10-C28*	<10.0	10.0	04/27/2022	ND	207	103	200	0.460	
EXT DRO >C28-C36	<10.0	10.0	04/27/2022	ND					

Surrogate: 1-Chlorooctane 90.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 85.2 % 59.5-142

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Analytical Results For:

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

Received:	04/26/2022	Sampling Date:	04/26/2022
Reported:	04/29/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 63 @ 2' (H221707-09)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/28/2022	ND	2.14	107	2.00	0.281		
Toluene*	<0.050	0.050	04/28/2022	ND	2.12	106	2.00	0.407		
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	2.10	105	2.00	0.386		
Total Xylenes*	<0.150	0.150	04/28/2022	ND	6.51	108	6.00	0.643		
Total BTEX	<0.300	0.300	04/28/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/28/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/27/2022	ND	197	98.7	200	2.20	
DRO >C10-C28*	<10.0	10.0	04/27/2022	ND	207	103	200	0.460	
EXT DRO >C28-C36	<10.0	10.0	04/27/2022	ND					

Surrogate: 1-Chlorooctane 88.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 84.9 % 59.5-142

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Analytical Results For:

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

Received:	04/26/2022	Sampling Date:	04/26/2022
Reported:	04/29/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 64 @ 2' (H221707-10)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/28/2022	ND	2.14	107	2.00	0.281		
Toluene*	<0.050	0.050	04/28/2022	ND	2.12	106	2.00	0.407		
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	2.10	105	2.00	0.386		
Total Xylenes*	<0.150	0.150	04/28/2022	ND	6.51	108	6.00	0.643		
Total BTEX	<0.300	0.300	04/28/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	04/28/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/27/2022	ND	197	98.7	200	2.20	
DRO >C10-C28*	<10.0	10.0	04/27/2022	ND	207	103	200	0.460	
EXT DRO >C28-C36	<10.0	10.0	04/27/2022	ND					

Surrogate: 1-Chlorooctane 88.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 84.6 % 59.5-142

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Analytical Results For:

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

Received:	04/26/2022	Sampling Date:	04/26/2022
Reported:	04/29/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 107 @ 2' (H221707-11)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/28/2022	ND	2.16	108	2.00	3.24		
Toluene*	<0.050	0.050	04/28/2022	ND	2.13	107	2.00	3.02		
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	2.10	105	2.00	2.88		
Total Xylenes*	<0.150	0.150	04/28/2022	ND	6.51	109	6.00	2.25		
Total BTEx	<0.300	0.300	04/28/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	368	16.0	04/28/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/27/2022	ND	197	98.7	200	2.20	
DRO >C10-C28*	<10.0	10.0	04/27/2022	ND	207	103	200	0.460	
EXT DRO >C28-C36	<10.0	10.0	04/27/2022	ND					

Surrogate: 1-Chlorooctane 81.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 77.0 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/26/2022	Sampling Date:	04/26/2022
Reported:	04/29/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 108 @ 2' (H221707-12)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/28/2022	ND	2.16	108	2.00	3.24		
Toluene*	<0.050	0.050	04/28/2022	ND	2.13	107	2.00	3.02		
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	2.10	105	2.00	2.88		
Total Xylenes*	<0.150	0.150	04/28/2022	ND	6.51	109	6.00	2.25		
Total BTEX	<0.300	0.300	04/28/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	04/28/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/27/2022	ND	197	98.7	200	2.20	
DRO >C10-C28*	<10.0	10.0	04/27/2022	ND	207	103	200	0.460	
EXT DRO >C28-C36	<10.0	10.0	04/27/2022	ND					

Surrogate: 1-Chlorooctane 85.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 80.2 % 59.5-142

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Analytical Results For:

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

Received:	04/26/2022	Sampling Date:	04/26/2022
Reported:	04/29/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: SB 18 @ 2' (H221707-13)

BTX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/28/2022	ND	2.16	108	2.00	3.24		
Toluene*	<0.050	0.050	04/28/2022	ND	2.13	107	2.00	3.02		
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	2.10	105	2.00	2.88		
Total Xylenes*	<0.150	0.150	04/28/2022	ND	6.51	109	6.00	2.25		
Total BTX	<0.300	0.300	04/28/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	04/28/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/27/2022	ND	197	98.7	200	2.20	
DRO >C10-C28*	<10.0	10.0	04/27/2022	ND	207	103	200	0.460	
EXT DRO >C28-C36	<10.0	10.0	04/27/2022	ND					

Surrogate: 1-Chlorooctane 90.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 83.1 % 59.5-142

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Analytical Results For:

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

Received:	04/26/2022	Sampling Date:	04/26/2022
Reported:	04/29/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: SB 19 @ 2' (H221707-14)

BTX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/28/2022	ND	2.16	108	2.00	3.24		
Toluene*	<0.050	0.050	04/28/2022	ND	2.13	107	2.00	3.02		
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	2.10	105	2.00	2.88		
Total Xylenes*	<0.150	0.150	04/28/2022	ND	6.51	109	6.00	2.25		
Total BTX	<0.300	0.300	04/28/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	04/28/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/27/2022	ND	197	98.7	200	2.20	
DRO >C10-C28*	<10.0	10.0	04/27/2022	ND	207	103	200	0.460	
EXT DRO >C28-C36	<10.0	10.0	04/27/2022	ND					

Surrogate: 1-Chlorooctane 91.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 85.1 % 59.5-142

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Analytical Results For:

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

Received:	04/26/2022	Sampling Date:	04/26/2022
Reported:	04/29/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: SB 21 @ 2' (H221707-15)

BTEx 8021B			mg/kg							
			Analyzed By: MS\							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/28/2022	ND	2.16	108	2.00	3.24		
Toluene*	<0.050	0.050	04/28/2022	ND	2.13	107	2.00	3.02		
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	2.10	105	2.00	2.88		
Total Xylenes*	<0.150	0.150	04/28/2022	ND	6.51	109	6.00	2.25		
Total BTEX	<0.300	0.300	04/28/2022	ND						

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

Chloride, SM4500Cl-B			mg/kg							
			Analyzed By: GM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/28/2022	ND	416	104	400	0.00		

TPH 8015M			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/27/2022	ND	197	98.7	200	2.20		
DRO >C10-C28*	<10.0	10.0	04/27/2022	ND	207	103	200	0.460		
EXT DRO >C28-C36	<10.0	10.0	04/27/2022	ND						

Surrogate: 1-Chlorooctane 88.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 81.9 % 59.5-142

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Analytical Results For:

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

Received:	04/26/2022	Sampling Date:	04/26/2022
Reported:	04/29/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: SB 22 @ 2' (H221707-16)

BTX 8021B			mg/kg							
			Analyzed By: MS\							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/28/2022	ND	2.16	108	2.00	3.24		
Toluene*	<0.050	0.050	04/28/2022	ND	2.13	107	2.00	3.02		
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	2.10	105	2.00	2.88		
Total Xylenes*	<0.150	0.150	04/28/2022	ND	6.51	109	6.00	2.25		
Total BTX	<0.300	0.300	04/28/2022	ND						

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

Chloride, SM4500CI-B			mg/kg							
			Analyzed By: GM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/28/2022	ND	416	104	400	0.00		

TPH 8015M			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/27/2022	ND	197	98.7	200	2.20		
DRO >C10-C28*	<10.0	10.0	04/27/2022	ND	207	103	200	0.460		
EXT DRO >C28-C36	<10.0	10.0	04/27/2022	ND						

Surrogate: 1-Chlorooctane 86.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 80.3 % 59.5-142

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Analytical Results For:

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

Received:	04/26/2022	Sampling Date:	04/26/2022
Reported:	04/29/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: SB 13 @ 4' (H221707-17)

BTX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/28/2022	ND	2.16	108	2.00	3.24		
Toluene*	<0.050	0.050	04/28/2022	ND	2.13	107	2.00	3.02		
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	2.10	105	2.00	2.88		
Total Xylenes*	<0.150	0.150	04/28/2022	ND	6.51	109	6.00	2.25		
Total BTX	<0.300	0.300	04/28/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	368	16.0	04/28/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/27/2022	ND	197	98.7	200	2.20	
DRO >C10-C28*	<10.0	10.0	04/27/2022	ND	207	103	200	0.460	
EXT DRO >C28-C36	<10.0	10.0	04/27/2022	ND					

Surrogate: 1-Chlorooctane 88.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 82.9 % 59.5-142

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Analytical Results For:

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

Received:	04/26/2022	Sampling Date:	04/26/2022
Reported:	04/29/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: SB 14 @ 4' (H221707-18)

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	04/28/2022	ND	2.16	108	2.00	3.24		
Toluene*	<0.050	0.050	04/28/2022	ND	2.13	107	2.00	3.02		
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	2.10	105	2.00	2.88		
Total Xylenes*	<0.150	0.150	04/28/2022	ND	6.51	109	6.00	2.25		
Total BTEX	<0.300	0.300	04/28/2022	ND						

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

Chloride, SM4500Cl-B			mg/kg							
			Analyzed By: GM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	04/28/2022	ND	416	104	400	0.00		

TPH 8015M			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/27/2022	ND	197	98.7	200	2.20		
DRO >C10-C28*	<10.0	10.0	04/27/2022	ND	207	103	200	0.460		
EXT DRO >C28-C36	<10.0	10.0	04/27/2022	ND						

Surrogate: 1-Chlorooctane 83.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 82.8 % 59.5-142

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Analytical Results For:

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

Received:	04/26/2022	Sampling Date:	04/26/2022
Reported:	04/29/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: SB 16 @ 4' (H221707-19)

BTX 8021B			mg/kg							
			Analyzed By: MS\							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/28/2022	ND	2.16	108	2.00	3.24		
Toluene*	<0.050	0.050	04/28/2022	ND	2.13	107	2.00	3.02		
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	2.10	105	2.00	2.88		
Total Xylenes*	<0.150	0.150	04/28/2022	ND	6.51	109	6.00	2.25		
Total BTX	<0.300	0.300	04/28/2022	ND						

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

Chloride, SM4500CI-B			mg/kg							
			Analyzed By: GM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/28/2022	ND	416	104	400	0.00		

TPH 8015M			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/27/2022	ND	197	98.7	200	2.20		
DRO >C10-C28*	<10.0	10.0	04/27/2022	ND	207	103	200	0.460		
EXT DRO >C28-C36	<10.0	10.0	04/27/2022	ND						

Surrogate: 1-Chlorooctane 85.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 79.8 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/26/2022	Sampling Date:	04/26/2022
Reported:	04/29/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: SB 17 @ 4' (H221707-20)

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	04/28/2022	ND	2.16	108	2.00	3.24		
Toluene*	<0.050	0.050	04/28/2022	ND	2.13	107	2.00	3.02		
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	2.10	105	2.00	2.88		
Total Xylenes*	<0.150	0.150	04/28/2022	ND	6.51	109	6.00	2.25		
Total BTEX	<0.300	0.300	04/28/2022	ND						

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

Chloride, SM4500Cl-B			mg/kg							
			Analyzed By: GM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	416	16.0	04/28/2022	ND	416	104	400	0.00		

TPH 8015M			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/27/2022	ND	197	98.7	200	2.20		
DRO >C10-C28*	<10.0	10.0	04/27/2022	ND	207	103	200	0.460		
EXT DRO >C28-C36	<10.0	10.0	04/27/2022	ND						

Surrogate: 1-Chlorooctane 82.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 75.9 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/26/2022	Sampling Date:	04/26/2022
Reported:	04/29/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: SB 20 @ 4' (H221707-21)

BTX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/28/2022	ND	2.16	108	2.00	3.24		
Toluene*	<0.050	0.050	04/28/2022	ND	2.13	107	2.00	3.02		
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	2.10	105	2.00	2.88		
Total Xylenes*	<0.150	0.150	04/28/2022	ND	6.51	109	6.00	2.25		
Total BTX	<0.300	0.300	04/28/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	432	16.0	04/28/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/27/2022	ND	197	98.7	200	2.20	
DRO >C10-C28*	<10.0	10.0	04/27/2022	ND	207	103	200	0.460	
EXT DRO >C28-C36	<10.0	10.0	04/27/2022	ND					

Surrogate: 1-Chlorooctane 86.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 80.5 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/26/2022	Sampling Date:	04/26/2022
Reported:	04/29/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: SB 15 @ 4' (H221707-22)

BTX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/28/2022	ND	2.16	108	2.00	3.24		
Toluene*	<0.050	0.050	04/28/2022	ND	2.13	107	2.00	3.02		
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	2.10	105	2.00	2.88		
Total Xylenes*	<0.150	0.150	04/28/2022	ND	6.51	109	6.00	2.25		
Total BTX	<0.300	0.300	04/28/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	04/28/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/27/2022	ND	197	98.7	200	2.20	
DRO >C10-C28*	<10.0	10.0	04/27/2022	ND	207	103	200	0.460	
EXT DRO >C28-C36	<10.0	10.0	04/27/2022	ND					

Surrogate: 1-Chlorooctane 80.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 73.2 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/26/2022	Sampling Date:	04/26/2022
Reported:	04/29/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 76 @ 4' (H221707-23)

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	04/28/2022	ND	2.05	103	2.00	0.293		
Toluene*	<0.050	0.050	04/28/2022	ND	2.04	102	2.00	0.237		
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	1.93	96.3	2.00	1.04		
Total Xylenes*	<0.150	0.150	04/28/2022	ND	5.96	99.3	6.00	2.13		
Total BTEX	<0.300	0.300	04/28/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	528	16.0	04/28/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	207	104	200	10.3	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	223	111	200	3.27	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					

Surrogate: 1-Chlorooctane 106 % 66.9-136

Surrogate: 1-Chlorooctadecane 122 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager

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

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-368						City:																															
Project Name:						State: Zip:																															
Project Location: Mirage 30 B3IL State COM #2H						Phone #:																															
Sampler Name: Jason Owsley						Fax #:																															
FOR LAB USE ONLY																																					
Lab I.D.		Sample I.D.				(GRAB OR C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING																											
						GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER : ACID/BASE:		ICE / COOL OTHER :		DATE	TIME	CL	EXT TPH	BTEX													
H221707	1	B17 @ 3'	c	1		X						X							4/26/22	8:30am	x	x	x														
	2	B18 @ 3'	c	1		X						X							4/26/22	8:32am	x	x	x														
	3	B53 @ 2'	c	1		X						X							4/26/22	8:34am	x	x	x														
	4	B54 @ 2'	c	1		X						X							4/26/22	8:36am	x	x	x														
	5	B55 @ 2'	c	1		X						X							4/26/22	8:38am	x	x	x														
	6	B56 @ 2'	c	1		X						X							4/26/22	8:40am	x	x	x														
	7	B61 @ 2'	c	1		X						X							4/26/22	8:42am	x	x	x														
	8	B62 @ 2'	c	1		X						X							4/26/22	8:44am	x	x	x														
	9	B63 @ 2'	c	1		X						X							4/26/22	8:46am	x	x	x														
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Relinquished By: [Signature]						Date: 4-26-22 Time: 1545						Received By: [Signature]						Verbal Result: Yes No Add'l Phone #: All Results are emailed. Please provide Email address: Jason.Owsley.DB@gmail.com / yessi_diamond@yahoo.com / Justin / Robbie																			
Relinquished By:						Date: Time:						Received By:						REMARKS:																			
Delivered By: (Circle One)						Observed Temp. °C Corrected Temp. °C						Sample Condition Cool Intact Yes No						CHECKED BY: (Initials)						Turnaround Time: Standard Bacteria (only) Sample Condition Rush Cool Intact Observed Temp. °C Thermometer ID #113 Correction Factor -0.5°C													
Sampler - UPS - Bus - Other:						44.0 3.9c						Yes No						TO						Yes No Corrected Temp. °C													

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-368						City:																														
Project Name:						State: Zip:																														
Project Location: Mirage 30 B3IL State COM #2H						Phone #:																														
Sampler Name: Jason Owsley						Fax #:																														
FOR LAB USE ONLY																																				
Lab I.D.		Sample I.D.				(GRAB OR C)OMP.	# CONTAINERS	MATRIX				PRESERV.		SAMPLING																						
						GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE																			TIME	CL	EXT TPH
H221707						c	1		x				x	4/26/22	1:00pm	x	x	x																		
19	SB16 @ 4'					c	1		x				x	4/26/22	1:02pm	x	x	x																		
20	SB17 @ 4'					c	1		x				x	4/26/22	1:04pm	x	x	x																		
21	SB20 @ 4'					c	1		x				x	4/26/22	1:46pm	x	x	x																		
22	SB15 @ 4'					c	1		x				x	4/26/22	1:48pm	x	x	x																		
23	B76 @ 4'					c	1		x				x	4/26/22																						
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Relinquished By: [Signature]						Date: 4-26-22 Time: 15:45	Received By: [Signature]						Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #: All Results are emailed. Please provide Email address: Jason.Owsley.DB@gmail.com / yessi_diamond@yahoo.com / Justin / Robbie																							
Relinquished By:						Date:	Received By:						REMARKS:																							
						Time:																														
Delivered By: (Circle One) Sampler - UPS - Bus - Other:						Observed Temp. °C 4.4°C Corrected Temp. °C 3.9°C		Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No				CHECKED BY: (Initials) TO				Turnaround Time: Standard <input checked="" type="checkbox"/> Bacteria (only) Sample Condition Rush <input type="checkbox"/> Cool Intact Observed Temp. °C Thermometer ID #113 Correction Factor -0.5°C																				
																		<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C																		



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

April 29, 2022

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: MIRAGE 30 B3IL STATE COM #2H

Enclosed are the results of analyses for samples received by the laboratory on 04/27/22 15:55.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/27/2022	Sampling Date:	04/27/2022
Reported:	04/29/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 109 @ 2' (H221737-01)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2022	ND	2.00	100	2.00	3.11	
Toluene*	<0.050	0.050	04/28/2022	ND	1.99	99.3	2.00	2.56	
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	1.90	95.0	2.00	3.33	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	5.95	99.1	6.00	2.44	
Total BTEX	<0.300	0.300	04/28/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/28/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	220	110	200	0.172	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	235	117	200	0.398	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					

Surrogate: 1-Chlorooctane 92.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 106 % 59.5-142

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/27/2022	Sampling Date:	04/27/2022
Reported:	04/29/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 110 @ 2' (H221737-02)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/28/2022	ND	2.00	100	2.00	3.11		
Toluene*	<0.050	0.050	04/28/2022	ND	1.99	99.3	2.00	2.56		
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	1.90	95.0	2.00	3.33		
Total Xylenes*	<0.150	0.150	04/28/2022	ND	5.95	99.1	6.00	2.44		
Total BTEX	<0.300	0.300	04/28/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	04/28/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	220	110	200	0.172	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	235	117	200	0.398	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					

Surrogate: 1-Chlorooctane 100 % 66.9-136

Surrogate: 1-Chlorooctadecane 118 % 59.5-142

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Analytical Results For:

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

Received:	04/27/2022	Sampling Date:	04/27/2022
Reported:	04/29/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 111 @ 2' (H221737-03)

BTEx 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2022	ND	2.00	100	2.00	3.11	
Toluene*	<0.050	0.050	04/28/2022	ND	1.99	99.3	2.00	2.56	
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	1.90	95.0	2.00	3.33	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	5.95	99.1	6.00	2.44	
Total BTEX	<0.300	0.300	04/28/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	04/28/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	220	110	200	0.172	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	235	117	200	0.398	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					

Surrogate: 1-Chlorooctane 104 % 66.9-136

Surrogate: 1-Chlorooctadecane 118 % 59.5-142

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Analytical Results For:

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

Received:	04/27/2022	Sampling Date:	04/27/2022
Reported:	04/29/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: W 20 @ 0-2' (H221737-04)

BTX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/28/2022	ND	2.00	100	2.00	3.11		
Toluene*	<0.050	0.050	04/28/2022	ND	1.99	99.3	2.00	2.56		
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	1.90	95.0	2.00	3.33		
Total Xylenes*	<0.150	0.150	04/28/2022	ND	5.95	99.1	6.00	2.44		
Total BTX	<0.300	0.300	04/28/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	04/28/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	220	110	200	0.172	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	235	117	200	0.398	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					

Surrogate: 1-Chlorooctane 93.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 107 % 59.5-142

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Analytical Results For:

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

Received:	04/27/2022	Sampling Date:	04/27/2022
Reported:	04/29/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: W 21 @ 0-4' (H221737-05)

BTX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/28/2022	ND	2.00	100	2.00	3.11		
Toluene*	<0.050	0.050	04/28/2022	ND	1.99	99.3	2.00	2.56		
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	1.90	95.0	2.00	3.33		
Total Xylenes*	<0.150	0.150	04/28/2022	ND	5.95	99.1	6.00	2.44		
Total BTX	<0.300	0.300	04/28/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/28/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	220	110	200	0.172	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	235	117	200	0.398	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					

Surrogate: 1-Chlorooctane 92.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 106 % 59.5-142

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Analytical Results For:

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

Received:	04/27/2022	Sampling Date:	04/27/2022
Reported:	04/29/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: W 22 @ 0-4' (H221737-06)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/28/2022	ND	2.00	100	2.00	3.11		
Toluene*	<0.050	0.050	04/28/2022	ND	1.99	99.3	2.00	2.56		
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	1.90	95.0	2.00	3.33		
Total Xylenes*	<0.150	0.150	04/28/2022	ND	5.95	99.1	6.00	2.44		
Total BTEX	<0.300	0.300	04/28/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/28/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	220	110	200	0.172	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	235	117	200	0.398	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					

Surrogate: 1-Chlorooctane 100 % 66.9-136

Surrogate: 1-Chlorooctadecane 114 % 59.5-142

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Analytical Results For:

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 JUSTIN ROBERTS
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 Fax To: (575) 392-9376

Received:	04/27/2022	Sampling Date:	04/27/2022
Reported:	04/29/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: W 23 @ 0-2' (H221737-07)

BTX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/28/2022	ND	2.00	100	2.00	3.11		
Toluene*	<0.050	0.050	04/28/2022	ND	1.99	99.3	2.00	2.56		
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	1.90	95.0	2.00	3.33		
Total Xylenes*	<0.150	0.150	04/28/2022	ND	5.95	99.1	6.00	2.44		
Total BTX	<0.300	0.300	04/28/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/28/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	220	110	200	0.172	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	235	117	200	0.398	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 117 % 59.5-142

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Analytical Results For:

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

Received:	04/27/2022	Sampling Date:	04/27/2022
Reported:	04/29/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: W 24 @ 0-3' (H221737-08)

BTEx 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2022	ND	2.00	100	2.00	3.11	
Toluene*	<0.050	0.050	04/28/2022	ND	1.99	99.3	2.00	2.56	
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	1.90	95.0	2.00	3.33	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	5.95	99.1	6.00	2.44	
Total BTEX	<0.300	0.300	04/28/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/28/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	220	110	200	0.172	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	235	117	200	0.398	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					

Surrogate: 1-Chlorooctane 93.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 104 % 59.5-142

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Analytical Results For:

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

Received:	04/27/2022	Sampling Date:	04/27/2022
Reported:	04/29/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: W 25 @ 2-4' (H221737-09)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2022	ND	2.00	100	2.00	3.11	
Toluene*	<0.050	0.050	04/28/2022	ND	1.99	99.3	2.00	2.56	
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	1.90	95.0	2.00	3.33	
Total Xylenes*	<0.150	0.150	04/28/2022	ND	5.95	99.1	6.00	2.44	
Total BTX	<0.300	0.300	04/28/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	04/28/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	220	110	200	0.172	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	235	117	200	0.398	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					

Surrogate: 1-Chlorooctane 97.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 111 % 59.5-142

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Analytical Results For:

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

Received:	04/27/2022	Sampling Date:	04/27/2022
Reported:	04/29/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: W 26 @ 2-4' (H221737-10)

BTX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/28/2022	ND	2.00	100	2.00	3.11		
Toluene*	<0.050	0.050	04/28/2022	ND	1.99	99.3	2.00	2.56		
Ethylbenzene*	<0.050	0.050	04/28/2022	ND	1.90	95.0	2.00	3.33		
Total Xylenes*	<0.150	0.150	04/28/2022	ND	5.95	99.1	6.00	2.44		
Total BTX	<0.300	0.300	04/28/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	04/28/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	220	110	200	0.172	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	235	117	200	0.398	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					

Surrogate: 1-Chlorooctane 100 % 66.9-136

Surrogate: 1-Chlorooctadecane 113 % 59.5-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: DiamondBack Disposals				BILL TO				ANALYSIS REQUEST																			
Project Manager: Justin Roberts				P.O. #:																							
Address: 2525 NW County RD				Company: Mewbourne																							
City: Hobbs State: NM ZIP: 88240				Attn: Robbie Runnels																							
Phone #: (575)-392-9996				Address:																							
Project #: MOC-368				City:																							
Project Name:				State: Zip:																							
Project Location: Mirage 30 B3IL State Com #2H				Phone #:																							
Sampler Name: Jason Owsley				Fax #:																							
FOR LAB USE ONLY		Lab I.D.		Sample I.D.		(GRAB OR C/COMP. # CONTAINERS)		MATRIX				PRESERV.		SAMPLING		DATE		TIME		CL		EXT		TPH		BTEX	
						</																					

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

[illegible]



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

May 12, 2022

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: MIRAGE 30 B3IL STATE COM #2H

Enclosed are the results of analyses for samples received by the laboratory on 05/06/22 15:49.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/06/2022	Sampling Date:	05/06/2022
Reported:	05/12/2022	Sampling Type:	Soil
Project Name:	MIRAGE 30 B3IL STATE COM #2H	Sampling Condition:	Cool & Intact
Project Number:	MOC - 368	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 75 @ 3' (H221926-01)

BTX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/10/2022	ND	2.14	107	2.00	6.63	
Toluene*	<0.050	0.050	05/10/2022	ND	2.10	105	2.00	6.83	
Ethylbenzene*	<0.050	0.050	05/10/2022	ND	2.06	103	2.00	7.61	
Total Xylenes*	<0.150	0.150	05/10/2022	ND	6.36	106	6.00	7.80	
Total BTX	<0.300	0.300	05/10/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	05/10/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/10/2022	ND	209	104	200	2.78	
DRO >C10-C28*	<10.0	10.0	05/10/2022	ND	193	96.4	200	3.59	
EXT DRO >C28-C36	<10.0	10.0	05/10/2022	ND					

Surrogate: 1-Chlorooctane 87.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.9 % 59.5-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: DiamondBack Disposals				BILL TO										ANALYSIS REQUEST																			
Project Manager: Justin Roberts				P.O. #:																													
Address: 2525 NW County RD				Company: Mewbourne																													
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Phone #: (575)-392-9996				Address:																													
Project #: MOC-368				City:																													
Project Name:				State: Zip:																													
Project Location: Mirage 30 B3IL State Com #2H				Phone #:																													
Sampler Name: Jason Owsley				Fax #:																													
FOR LAB USE ONLY																																	
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX				PRESERV.		SAMPLING																			
								GROUNDWATER																									
								WASTEWATER																									
								SOIL																									
								OIL																									
								SLUDGE																									
								OTHER :																									
								ACID/BASE:																									
								ICE / COOL																									
								OTHER :																									
								DATE				TIME		CL		EXT		TPH		BTEX													
H221926		B75 @ 3'		c		1						x		5/6/22		20:00pm		x		x		x											

District I

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

District II

811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 106769

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 106769
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NAPP2132259675 MIRAGE 30 B3IL ST COM #2H PRODUCED WATER LINE, thank you. This closure is approved.	9/1/2022