

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

Location of Release Source

Latitude 32.051753 _____ Longitude -103.689745 _____
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Red Hills West Unit #001H SWD Tie-In	Site Type	Pipeline
Date Release Discovered	1/24/2022	API#	(if applicable)

Unit Letter	Section	Township	Range	County
P	8	26S	32E	Lea

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) 452	Volume Recovered (bbls) 260
	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 steel nipple corroded and failed on our SWD pipeline.


State of New Mexico
Oil Conservation Division

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Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? The release is greater than 25 bbls
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Notice was given by Connor Walker to ocd.enviro@state.nm.us on 1/24/2021 @ 2:08PM via email.	

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why: 	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: <u>Connor Walker</u>	Title: <u>Sr. Engineer</u>
Signature: 	Date: <u>1/25/2022</u>
email: <u>cwalker@mewbourne.com</u>	Telephone: <u>806-202-5281</u>
<u>OCD Only</u> Received by: _____ Date: _____	

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Site Assessment/Characterization

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

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

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

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

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

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

State of New Mexico
Oil Conservation Division

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Printed Name: Connor Walker Title: Sr. EngineerSignature:  Date: 4/18/2022email: cwalker@mewbourne.com Telephone: 806-202-5281**OCD Only**

Received by: _____ Date: _____

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Closure

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

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

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

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

Printed Name: Connor Walker Title: Sr. Engineer

Signature: 

Date: 4/18/2022


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: 05/18/2022

Printed Name: Jennifer Nobui

Title: Environmental Specialist A

**Mewbourne Oil Co
Red Hills West Unit #001H SWD Tie-In
NAPP2203964271**

Final Remediation Report

Introduction

This report presents the results of remediation activities at the Red Hills West Unit #001H SWD Tie-In. On behalf of Mewbourne Oil Company (Mewbourne), Diamondback Disposal Services, Inc (Diamondback) was tasked with the cleanup and remediation of release NAPP2203964271. The release occurred in Unit Letter P, Section 8, Township 26S, Range 32E at coordinates 32.051753, -103.689745. The remediation was performed in general accordance with the New Mexico Oil Conservation Division (NMOCD) and 19.15.29 of the New Mexico Administrative Code (NMAC) effective date August 14, 2018.

Overview

The spill site is located mostly on an active production pad built on BLM lease land, with a small area of pastureland being affected. A small area of a frac pond, which was in the process of being reclaimed, was also affected. Approximately 452 barrels of produced water was lost with 260 barrels bbls being recovered. All fluid was lost due to the failure of a corroded steel nipple on the SWD line.

Regulatory Guidelines

Upon review of the site characteristics and a search of a groundwater database maintained by The New Mexico Office of the State Engineer (NMOSE), a survey was conducted to determine the average depth to groundwater within a one (1) mile radius of the release site and identify any registered water wells within a ½ mile radius of the release site. No wells were identified as part of the NMOSE database search. Therefore, Table 1 Closure Criteria for ground water depth of less than 50 feet will be utilized. The Recommended Remediation Action Levels (RRAL) determined by the latest NMOCD guidelines (19.15.29 NMAC) are as follows: 600 mg/kg Chloride, 100 mg/kg GRO+DRO+MRO, 50 mg/kg BTEX, 10mg/kg Benzene.

Remediation Activities

Between the dates of February 1, 2022, and February 11, 2022, Diamondback excavated approximately 2,620 cubic yards (cy) of impacted material, loaded, and transported to Northern Delaware Basin Landfill for disposal. Depth of excavation ranges from approximately 1-foot bgs to 2 feet bgs on pad and pasture area. Frac pond area was excavated to 2' bgs, including the depth of the frac pond. Between the dates of February 4, 2022, and February 10, 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 wall and 200 square feet of floor area, packaged and delivered to a third-party lab, with chain of custody for testing as per regulatory standards. (See attached analytical). Upon review of analytical, all samples prove to be below Table 1 RRAL's for site closure. Being that Table 1 Closure Criteria for groundwater <50' bgs was used, all restoration and reclamation limits have been met.

On February 18, 2022, backfilling began and ran thru February 21, 2022. Approximately 2,020 cy of Caliche was obtained from a local source to backfill production pad area, Material was placed in a manner to promote compaction for ongoing production activities. Affected pasture area was backfilled with "like" material and will be seeded with BLM approved mix during the next optimum growing season.

Conclusions

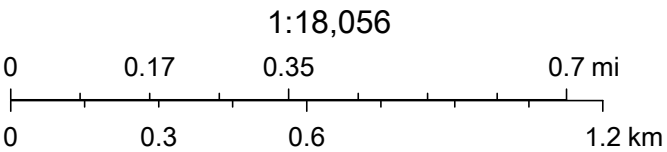
Upon review of all analytical provided by the third-party independent lab, results indicate that all recommended remediation action levels and restoration/reclamation criteria were met for all excavated areas. On behalf of Mewbourne Oil Company, we respectfully request the NMOCD grant closure approval for the Red Hills West Unit #001H SWD Tie-In release.

OSE POD Locations Map



3/15/2022, 2:05:38 PM

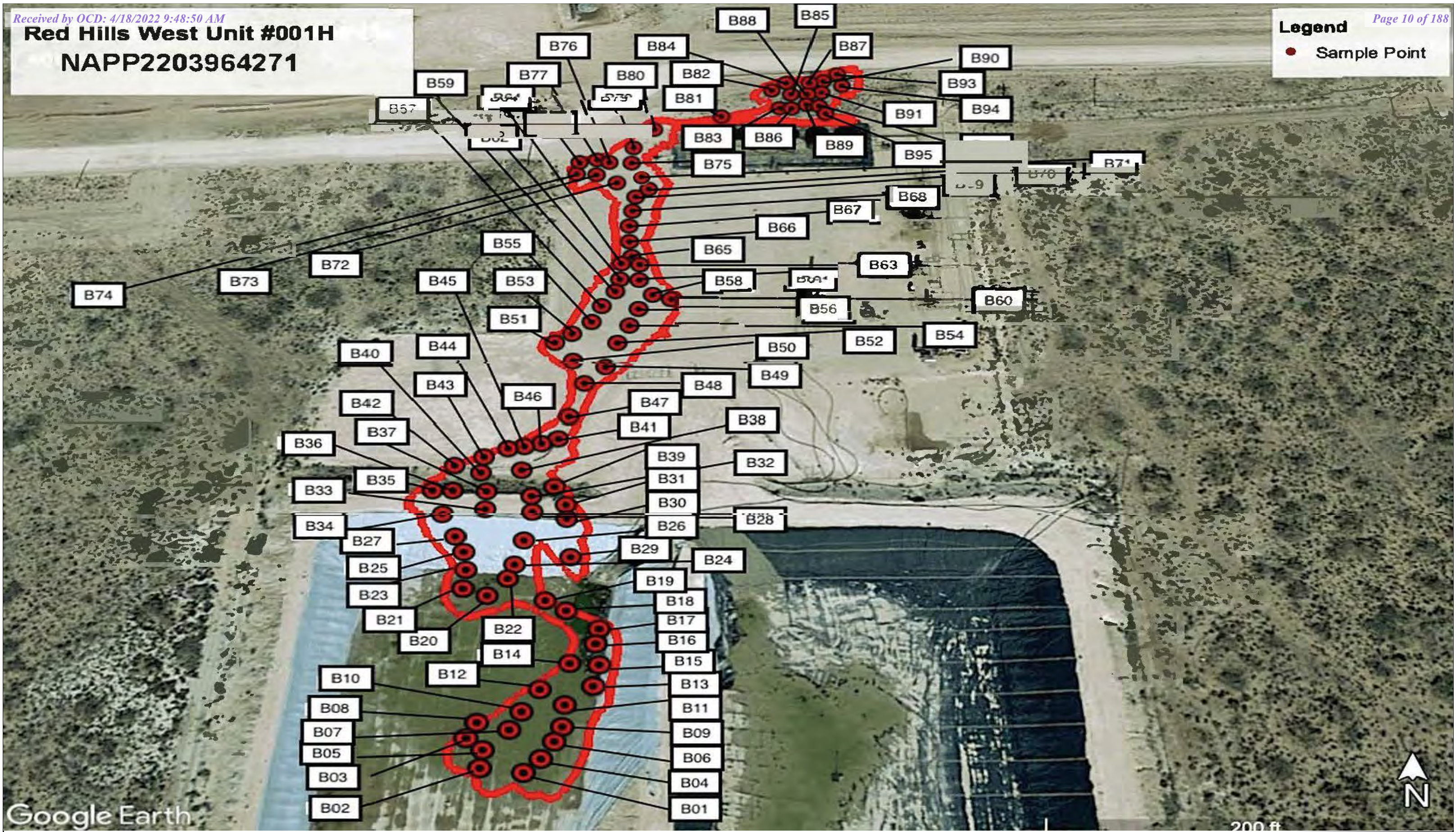
- OSE District Boundary
- New Mexico State Trust Lands
- Water Right Regulations
- Both Estates
- Closure Area
- SiteBoundaries



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

Red Hills West Unit #001H
NAPP2203964271

Legend
● Sample Point



Floor Sections Map
Red Hills West Unit #001H
Mewbourne Oil Co.
Lea County, New Mexico

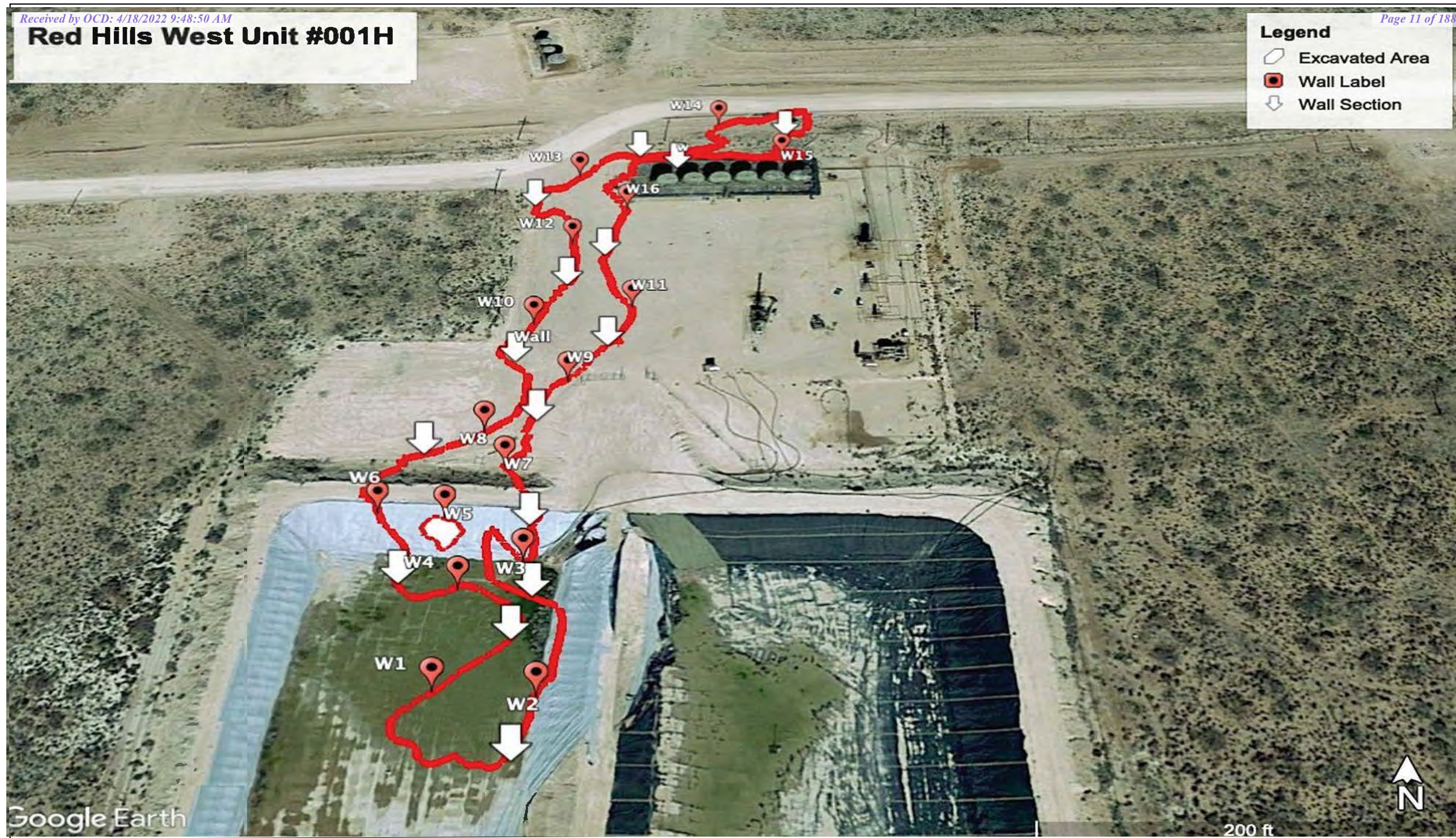


Diamondback Disposal Services, Inc.
P.O Box 2491
Hobbs, NM 88241
575-392-9996

Red Hills West Unit #001H

Legend

- Excavated Area
- Wall Label
- Wall Section



Google Earth

200 ft

Wall Sections Map
Red Hills West Unit #001H
Mewbourne Oil Co.
Lea County, New Mexico



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

TABLE 1
MEWBOURNE OIL COMPANY
RED HILLS WEST UNIT #1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
2	W- 1 WALL	H220438-01	0-2'	02-04-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
3	W- 2 WALL	H220438-02	0-2'	02-04-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	240
4	W- 3 WALL	H220438-03	0-2'	02-04-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	368
5	W- 4 WALL	H220438-04	0-2'	02-04-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
6	W- 5 WALL	H220442-01	0-2'	02-05-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
7	W- 6 WALL	H220442-02	0-2'	02-05-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
8	W- 7 WALL	H220441-01	0-2'	02-05-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64.0
9	W- 8 WALL	H220456-01	0-2'	2-07-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64.0
10	W- 9 WALL	H220456-02	0-2'	2-07-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
11	W- 10 WALL	H220540-01	0-2'	2-10-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	128
12	W- 11 WALL	H220540-02	0-1'	2-10-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	160
13	W- 12 WALL	H220540-03	0-2'	2-10-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	128
14	W- 13 WALL	H220540-04	0-1'	2-10-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	160
15	W- 14 WALL	H220540-05	0-2'	2-10-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	176
16	W- 15 WALL	H220540-06	0-2'	2-10-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	144
17	W- 16 WALL	H220540-07	0-2'	2-10-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96.0
18	B- 1 FLOOR	H220415-01	2'	02-02-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
19	B- 2 FLOOR	H220415-02	2'	02-02-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
20	B- 3 FLOOR	H220415-03	2'	02-02-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	128
21	B- 4 FLOOR	H220415-04	2'	02-02-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	400
22	B- 5 FLOOR	H220415-05	2'	02-02-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96.0
23	B- 6 FLOOR	H220415-06	2'	02-02-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96.0
24	B- 7 FLOOR	H220415-07	2'	02-02-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96.0
25	B- 8 FLOOR	H220415-08	2'	02-02-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96.0
26	B- 9 FLOOR	H220437-01	2'	02-04-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96.0
27	B- 10 FLOOR	H220437-02	2'	02-04-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64.0
28	B- 11 FLOOR	H220437-03	2'	02-04-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	112
29	B- 12 FLOOR	H220437-04	2'	02-04-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
30	B- 13 FLOOR	H220437-05	2'	02-04-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	112
31	B- 14 FLOOR	H220437-06	2'	02-04-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	320
32	B- 15 FLOOR	H220437-07	2'	02-04-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
33	B- 16 FLOOR	H220437-08	2'	02-04-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	432

TABLE 1
MEWBOURNE OIL COMPANY
RED HILLS WEST UNIT #1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
34	B- 17 FLOOR	H220437-09	2'	02-04-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	160
35	B- 18 FLOOR	H220437-10	2'	02-04-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96.0
36	B- 19 FLOOR	H220437-11	2'	02-04-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	240
37	B- 20 FLOOR	H220437-12	2'	02-04-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	160
38	B- 21 FLOOR	H220437-13	2'	02-04-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	368
39	B- 22 FLOOR	H220437-14	2'	02-04-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	144
40	B- 23 FLOOR	H220437-15	2'	02-04-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	240
41	B- 24 FLOOR	H220442-03	2'	02-05-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96.0
42	B- 25 FLOOR	H220442-04	2'	02-05-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96.0
43	B- 26 FLOOR	H220443-01	2'	02-05-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96.0
44	B- 27 FLOOR	H220443-02	2'	02-05-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64.0
45	B- 28 FLOOR	H220443-03	2'	02-05-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
46	B- 29 FLOOR	H220443-04	2'	02-05-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
47	B- 30 FLOOR	H220443-05	2'	02-05-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
48	B- 31 FLOOR	H220443-06	2'	02-05-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
49	B- 32 FLOOR	H220443-07	2'	02-05-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
50	B- 33 FLOOR	H220443-08	2'	02-05-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
51	B- 34 FLOOR	H220443-09	2'	02-05-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64.0
52	B- 35 FLOOR	H220443-10	2'	02-05-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
53	B- 36 FLOOR	H220443-11	2'	02-05-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
54	B- 37 FLOOR	H220443-12	2'	02-05-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64.0
55	B- 38 FLOOR	H220443-13	2'	02-05-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
56	B- 39 FLOOR	H220443-14	2'	02-05-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64.0
57	B- 40 FLOOR	H220443-15	2'	02-05-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	17.7	<10.0	17.7	48.0
58	B- 41 FLOOR	H220443-16	2'	02-05-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64.0
59	B- 42 FLOOR	H220443-17	2'	02-05-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
60	B- 43 FLOOR	H220443-18	2'	02-05-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
61	B- 44 FLOOR	H220443-19	2'	02-05-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
62	B- 45 FLOOR	H220443-20	2'	02-05-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
63	B- 46 FLOOR	H220455-01	2'	02-07-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
64	B- 47 FLOOR	H220455-02	2'	02-07-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64.0
65	B- 48 FLOOR	H220455-03	2'	02-07-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0

TABLE 1
MEWBOURNE OIL COMPANY
RED HILLS WEST UNIT #1

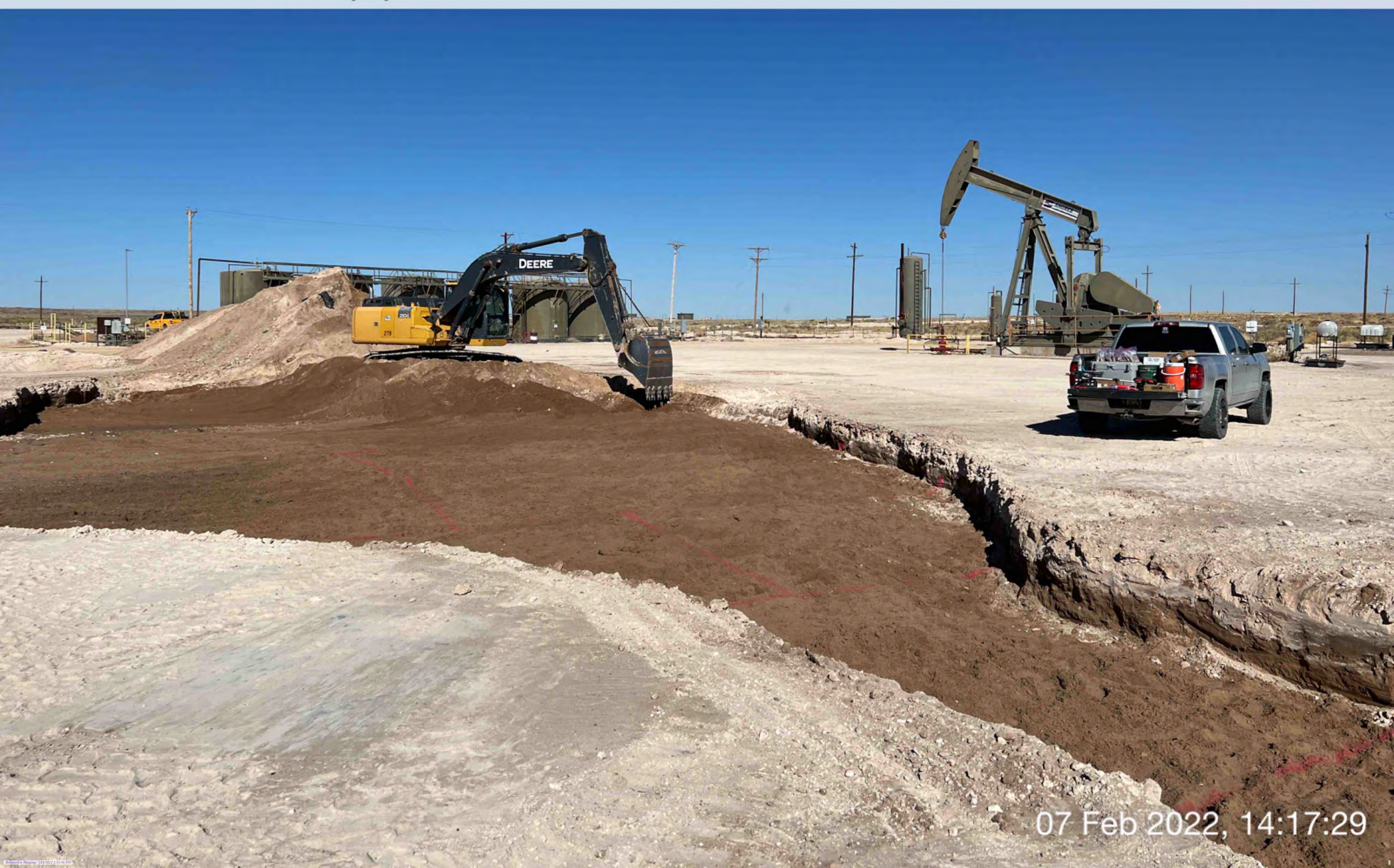
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
66	B- 49 FLOOR	H220455-04	2'	02-07-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
67	B- 50 FLOOR	H220455-05	2'	02-07-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
68	B- 51 FLOOR	H220455-06	2'	02-07-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
69	B- 52 FLOOR	H220455-07	2'	02-07-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
70	B- 53 FLOOR	H220455-08	2'	02-07-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
71	B- 54 FLOOR	H220455-09	2'	02-07-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
72	B- 55 FLOOR	H220455-10	2'	02-07-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	112
73	B- 56 FLOOR	H220455-11	2'	02-07-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64.0
	B- 56 FLOOR	H220541-01	2'	02-10-22	COMP	<0.050	<0.050	<0.050	<0.1	<0.300	<10.0	<10.0	<10.0	<10.0	64.0
74	B- 57 FLOOR	H220541-02	2'	02-10-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64.0
75	B- 58 FLOOR	H220541-03	2'	02-10-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
76	B- 59 FLOOR	H220541-04	2'	02-10-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
77	B- 60 FLOOR	H220541-05	2'	02-10-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
78	B- 61 FLOOR	H220541-06	2'	02-10-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64.0
79	B- 62 FLOOR	H220541-07	2'	02-10-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
80	B- 63 FLOOR	H220541-08	2'	02-10-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
81	B- 64 FLOOR	H220541-09	2'	02-10-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
82	B- 65 FLOOR	H220541-10	2'	02-10-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64.0
83	B- 66 FLOOR	H220541-11	2'	02-10-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
84	B- 67 FLOOR	H220541-12	2'	02-10-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96.0
85	B- 68 FLOOR	H220541-13	2'	02-10-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96.0
86	B- 69 FLOOR	H220541-14	2'	02-10-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
87	B- 70 FLOOR	H220541-15	2'	02-10-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	144
88	B- 71 FLOOR	H220541-16	2'	02-10-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96.0
89	B- 72 FLOOR	H220541-17	2'	02-10-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64.0
90	B- 73 FLOOR	H220541-18	2'	02-10-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
91	B- 74 FLOOR	H220541-19	2'	02-10-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	128
92	B- 75 FLOOR	H220541-20	2'	02-10-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	112
93	B- 76 FLOOR	H220541-21	2'	02-10-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
94	B- 77 FLOOR	H220541-22	2'	02-10-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64.0
95	B- 78 FLOOR	H220541-23	2'	02-10-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	128
96	B- 79 FLOOR	H220541-24	2'	02-10-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64.0

TABLE 1
MEWBOURNE OIL COMPANY
RED HILLS WEST UNIT #1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
97	B- 80 FLOOR	H220541-25	2'	02-10-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	128
98	B- 81 FLOOR	H220541-26	2'	02-10-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	160
99	B- 82 FLOOR	H220541-27	2'	02-10-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
100	B- 83 FLOOR	H220541-28	2'	02-10-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96.0
101	B- 84 FLOOR	H220541-29	2'	02-10-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	160
102	B- 85 FLOOR	H220541-30	2'	02-10-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
103	B- 86 FLOOR	H220541-31	2'	02-10-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	160
104	B- 87 FLOOR	H220541-32	2'	02-10-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	176
105	B- 88 FLOOR	H220541-33	2'	02-10-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64.0
106	B- 89 FLOOR	H220541-34	2'	02-10-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	160
107	B- 90 FLOOR	H220541-35	2'	02-10-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96.0
108	B- 91 FLOOR	H220541-36	2'	02-10-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	112
109	B- 92 FLOOR	H220541-37	2'	02-10-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96.0
110	B- 93 FLOOR	H220541-38	2'	02-10-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	144
111	B- 94 FLOOR	H220541-39	2'	02-10-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
112	B- 95 FLOOR	H220541-40	2'	02-10-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	128



☀ 46°NE (T) ● 32°3'3"N, 103°41'25"W ±9ft ▲ 3203ft



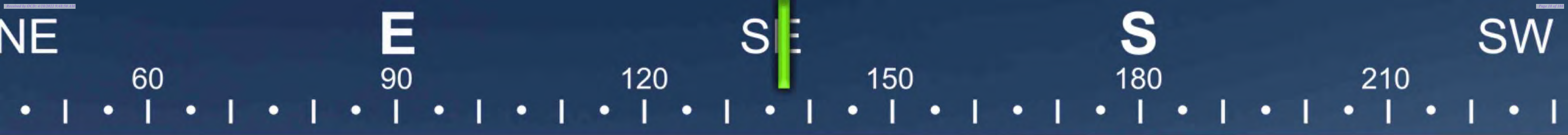
07 Feb 2022, 14:17:29



☀ 45°NE (T) ● 32°3'3"N, 103°41'25"W ±9ft ▲ 3178ft



07 Feb 2022, 14:17:39



☀ 137°SE (T) ● 32°3'3"N, 103°41'25"W ±13ft ▲ 3178ft



07 Feb 2022, 14:17:50

N

NE

E

SE

0

30

60

90

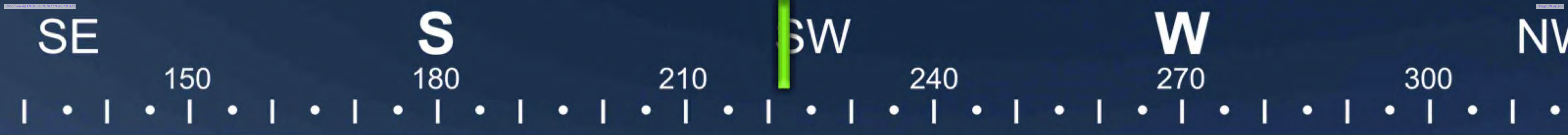
120

150

☀ 83°E (T) ● 32°3'3"N, 103°41'25"W ±13ft ▲ 3179ft



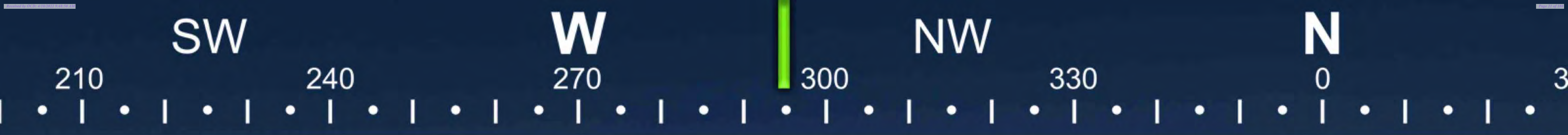
07 Feb 2022, 14:17:53



☀ 222°SW (T) ● 32°3'3"N, 103°41'24"W ±42ft ▲ 3195ft



17 Feb 2022, 08:53:19



☉ 295°NW (T) ● 32°3'4"N, 103°41'24"W ±13ft ▲ 3201ft



17 Feb 2022, 08:53:24



☀ 195°S (T) ● 32°3'5"N, 103°41'24"W ±13ft ▲ 3198ft



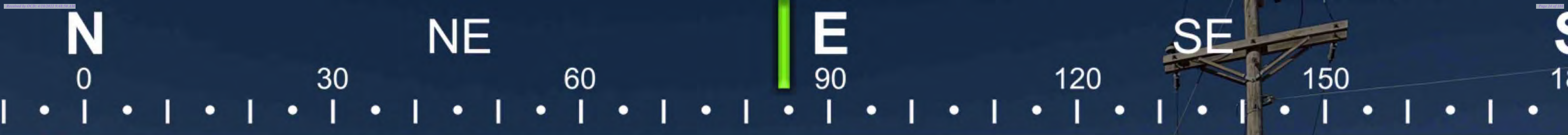
17 Feb 2022, 08:53:51



☀ 167°S (T) ● 32°3'5"N, 103°41'24"W ±13ft ▲ 3201ft



17 Feb 2022, 08:54:09



☀ 117°SE (T) ● 32°3'5"N, 103°41'25"W ±13ft ▲ 3201ft



17 Feb 2022, 08:54:32



☀ 77°E (T) ● 32°3'5"N, 103°41'24"W ±13ft ▲ 3203ft



17 Feb 2022, 08:54:53

N

NE

E

SE

S

0

30

60

90

120

150

180

☀ 85°E (T) ● 32°3'5"N, 103°41'24"W ±13ft ▲ 3200ft



17 Feb 2022, 08:55:02

W 5
E 5
M 5
OB 5



☀ 80°E (T) ● 32°3'0"N, 103°41'25"W ±13ft ▲ 3193ft



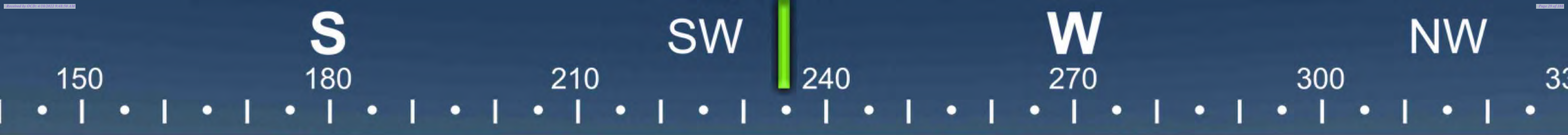
02 Feb 2022, 12:58:47



☼ 298°NW (T) ● 32°3'0"N, 103°41'24"W ±49ft ▲ 3209ft



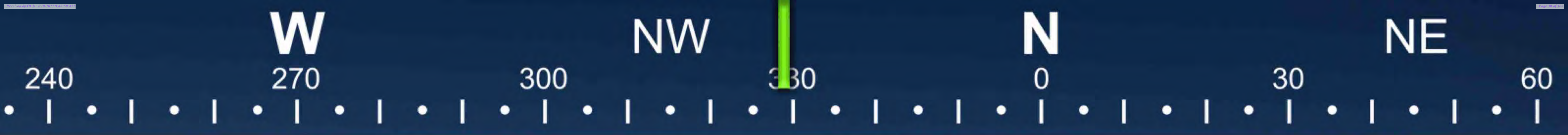
04 Feb 2022, 09:44:46



☉ 235°SW (T) ● 32°3'1"N, 103°41'24"W ±13ft ▲ 3194ft



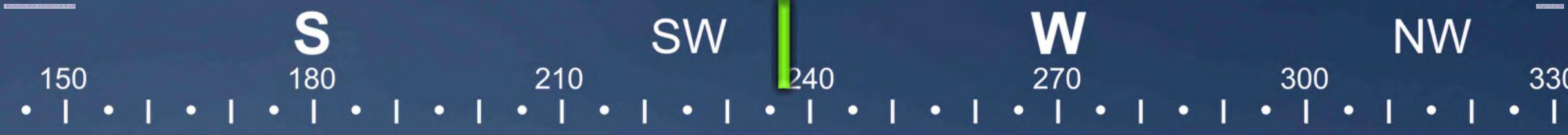
04 Feb 2022, 09:44:51



☀ 329°NW (T) ● 32°3'0"N, 103°41'24"W ±13ft ▲ 3197ft



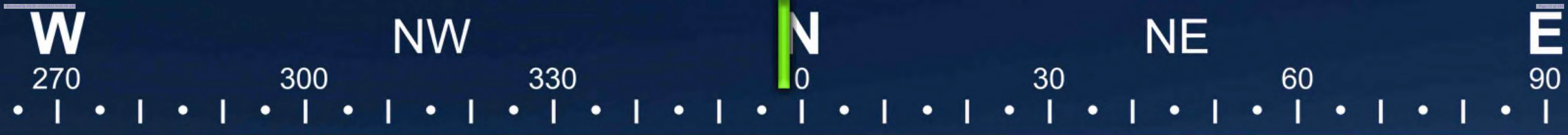
04 Feb 2022, 09:45:37.



☀ 237°SW (T) ● 32°3'2"N, 103°41'24"W ±13ft ▲ 3186ft



07 Feb 2022, 14:15:36



☀ 358°N (T) ● 32°3'2"N, 103°41'24"W ±9ft ▲ 3176ft



07 Feb 2022, 14:15:41



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

February 07, 2022

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: RED HILLS WEST #1

Enclosed are the results of analyses for samples received by the laboratory on 02/02/22 16:48.

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".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	02/02/2022	Sampling Date:	02/02/2022
Reported:	02/07/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 1 @ 2' (H220415-01)

BTX 8021B			mg/kg		Analyzed By: MS/				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/04/2022	ND	1.92	95.9	2.00	10.6	
Toluene*	<0.050	0.050	02/04/2022	ND	1.89	94.5	2.00	10.7	
Ethylbenzene*	<0.050	0.050	02/04/2022	ND	1.82	91.0	2.00	10.6	
Total Xylenes*	<0.150	0.150	02/04/2022	ND	5.69	94.8	6.00	9.33	
Total BTX	<0.300	0.300	02/04/2022	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	02/03/2022	ND	400	100	400	0.00	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/04/2022	ND	193	96.6	200	1.44	
DRO >C10-C28*	<10.0	10.0	02/04/2022	ND	233	117	200	0.414	
EXT DRO >C28-C36	<10.0	10.0	02/04/2022	ND					

Surrogate: 1-Chlorooctane 105 % 66.9-136

Surrogate: 1-Chlorooctadecane 107 % 59.5-142

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	02/02/2022	Sampling Date:	02/02/2022
Reported:	02/07/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 2 @ 2' (H220415-02)

BTX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/04/2022	ND	1.92	95.9	2.00	10.6		
Toluene*	<0.050	0.050	02/04/2022	ND	1.89	94.5	2.00	10.7		
Ethylbenzene*	<0.050	0.050	02/04/2022	ND	1.82	91.0	2.00	10.6		
Total Xylenes*	<0.150	0.150	02/04/2022	ND	5.69	94.8	6.00	9.33		
Total BTX	<0.300	0.300	02/04/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/03/2022	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/04/2022	ND	193	96.6	200	1.44	
DRO >C10-C28*	<10.0	10.0	02/04/2022	ND	233	117	200	0.414	
EXT DRO >C28-C36	<10.0	10.0	02/04/2022	ND					

Surrogate: 1-Chlorooctane 99.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 102 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/02/2022	Sampling Date:	02/02/2022
Reported:	02/07/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 3 @ 2' (H220415-03)

BTX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/04/2022	ND	1.92	95.9	2.00	10.6		
Toluene*	<0.050	0.050	02/04/2022	ND	1.89	94.5	2.00	10.7		
Ethylbenzene*	<0.050	0.050	02/04/2022	ND	1.82	91.0	2.00	10.6		
Total Xylenes*	<0.150	0.150	02/04/2022	ND	5.69	94.8	6.00	9.33		
Total BTX	<0.300	0.300	02/04/2022	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	128	16.0	02/03/2022	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/04/2022	ND	193	96.6	200	1.44	
DRO >C10-C28*	<10.0	10.0	02/04/2022	ND	233	117	200	0.414	
EXT DRO >C28-C36	<10.0	10.0	02/04/2022	ND					

Surrogate: 1-Chlorooctane 104 % 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:	02/02/2022	Sampling Date:	02/02/2022
Reported:	02/07/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 4 @ 2' (H220415-04)

BTX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/04/2022	ND	1.92	95.9	2.00	10.6		
Toluene*	<0.050	0.050	02/04/2022	ND	1.89	94.5	2.00	10.7		
Ethylbenzene*	<0.050	0.050	02/04/2022	ND	1.82	91.0	2.00	10.6		
Total Xylenes*	<0.150	0.150	02/04/2022	ND	5.69	94.8	6.00	9.33		
Total BTX	<0.300	0.300	02/04/2022	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	02/03/2022	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/04/2022	ND	193	96.6	200	1.44	
DRO >C10-C28*	<10.0	10.0	02/04/2022	ND	233	117	200	0.414	
EXT DRO >C28-C36	<10.0	10.0	02/04/2022	ND					

Surrogate: 1-Chlorooctane 108 % 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:	02/02/2022	Sampling Date:	02/02/2022
Reported:	02/07/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 5 @ 2' (H220415-05)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/04/2022	ND	1.92	95.9	2.00	10.6		
Toluene*	<0.050	0.050	02/04/2022	ND	1.89	94.5	2.00	10.7		
Ethylbenzene*	<0.050	0.050	02/04/2022	ND	1.82	91.0	2.00	10.6		
Total Xylenes*	<0.150	0.150	02/04/2022	ND	5.69	94.8	6.00	9.33		
Total BTEX	<0.300	0.300	02/04/2022	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	02/03/2022	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/04/2022	ND	193	96.6	200	1.44	
DRO >C10-C28*	<10.0	10.0	02/04/2022	ND	233	117	200	0.414	
EXT DRO >C28-C36	<10.0	10.0	02/04/2022	ND					

Surrogate: 1-Chlorooctane 105 % 66.9-136

Surrogate: 1-Chlorooctadecane 107 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/02/2022	Sampling Date:	02/02/2022
Reported:	02/07/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 6 @ 2' (H220415-06)

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	02/04/2022	ND	1.92	95.9	2.00	10.6		
Toluene*	<0.050	0.050	02/04/2022	ND	1.89	94.5	2.00	10.7		
Ethylbenzene*	<0.050	0.050	02/04/2022	ND	1.82	91.0	2.00	10.6		
Total Xylenes*	<0.150	0.150	02/04/2022	ND	5.69	94.8	6.00	9.33		
Total BTX	<0.300	0.300	02/04/2022	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	02/03/2022	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/04/2022	ND	193	96.6	200	1.44	
DRO >C10-C28*	<10.0	10.0	02/04/2022	ND	233	117	200	0.414	
EXT DRO >C28-C36	<10.0	10.0	02/04/2022	ND					

Surrogate: 1-Chlorooctane 103 % 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:	02/02/2022	Sampling Date:	02/02/2022
Reported:	02/07/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 7 @ 2' (H220415-07)

BTX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/04/2022	ND	1.92	95.9	2.00	10.6		
Toluene*	<0.050	0.050	02/04/2022	ND	1.89	94.5	2.00	10.7		
Ethylbenzene*	<0.050	0.050	02/04/2022	ND	1.82	91.0	2.00	10.6		
Total Xylenes*	<0.150	0.150	02/04/2022	ND	5.69	94.8	6.00	9.33		
Total BTX	<0.300	0.300	02/04/2022	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	02/03/2022	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/04/2022	ND	193	96.6	200	1.44	
DRO >C10-C28*	<10.0	10.0	02/04/2022	ND	233	117	200	0.414	
EXT DRO >C28-C36	<10.0	10.0	02/04/2022	ND					

Surrogate: 1-Chlorooctane 97.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.7 % 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:	02/02/2022	Sampling Date:	02/02/2022
Reported:	02/07/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 8 @ 2' (H220415-08)

BTX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/04/2022	ND	1.92	95.9	2.00	10.6		
Toluene*	<0.050	0.050	02/04/2022	ND	1.89	94.5	2.00	10.7		
Ethylbenzene*	<0.050	0.050	02/04/2022	ND	1.82	91.0	2.00	10.6		
Total Xylenes*	<0.150	0.150	02/04/2022	ND	5.69	94.8	6.00	9.33		
Total BTX	<0.300	0.300	02/04/2022	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	96.0	16.0	02/03/2022	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/04/2022	ND	193	96.6	200	1.44	
DRO >C10-C28*	<10.0	10.0	02/04/2022	ND	233	117	200	0.414	
EXT DRO >C28-C36	<10.0	10.0	02/04/2022	ND					

Surrogate: 1-Chlorooctane 109 % 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

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

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>Diamond Back</u>		BILL TO		ANALYSIS REQUEST																			
Project Manager: <u>Justin R</u>		P.O. #:																					
Address:		Company: <u>Newbourne</u>																					
City: <u>Hobbs</u> State: <u>NM</u> Zip: <u>88240</u>		Attn:																					
Phone #: Fax #:		Address:																					
Project #: Project Owner:		City:																					
Project Name:		State: Zip:																					
Project Location: <u>Red Hills west #1</u>		Phone #:																					
Sampler Name: <u>Joe Quenchette</u>		Fax #:																					
FOR LAB USE ONLY																							
Lab I.D.	Sample I.D.	(GRAB OR (COMP. # CONTAINERS	MATRIX	PRESERV.	SAMPLING																		
			GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:	ACID/BASE: ICE / COOL OTHER:	DATE	TIME																	
<u>H226415</u>																							
1 B1 @ 2'		C	/	/	2/2	11:20	X	X	X														
2 B2 @ 2'		C	/	/	2/2	11:22	X	X	X														
3 B3 @ 2'		C	/	/	2/2	11:24	X	X	X														
4 B4 @ 2'		C	/	/	2/2	11:26	X	X	X														
5 B5 @ 2'		C	/	/	2/2	11:28	X	X	X														
6 B6 @ 2'		C	/	/	2/2	11:30	X	X	X														
7 B7 @ 2'		C	/	/	2/2	11:32	X	X	X														
8 B8 @ 2'		C	/	/	2/2	11:34	X	X	X														

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Relinquished By: <u>Joe Quenchette</u>	Date: <u>2-2-22</u> Time: <u>16:48</u>	Received By: <u>Tamara Elda</u>	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
Relinquished By:	Date:	Received By:	All Results are emailed. Please provide Email address:
	Time:		<u>Justin R. Joe</u>
Delivered By: (Circle One)	Observed Temp. °C <u>23</u>	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	REMARKS:
Sampler - UPS - Bus - Other:	Corrected Temp. °C <u>1.8</u>	CHECKED BY: (Initials) <u>NO</u>	Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>
			Bacteria (only) Sample Condition Cool Intact Observed Temp. °C
			<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No
			Thermometer ID #113 Correction Factor -0.5°C
			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

February 09, 2022

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: RED HILLS WEST #1

Enclosed are the results of analyses for samples received by the laboratory on 02/04/22 16:40.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	02/04/2022	Sampling Date:	02/04/2022
Reported:	02/09/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE		

Sample ID: B 9 @ 2' (H220437-01)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2022	ND	2.02	101	2.00	6.62	
Toluene*	<0.050	0.050	02/08/2022	ND	1.98	98.9	2.00	7.04	
Ethylbenzene*	<0.050	0.050	02/08/2022	ND	2.00	99.8	2.00	6.49	
Total Xylenes*	<0.150	0.150	02/08/2022	ND	6.15	103	6.00	6.36	
Total BTEX	<0.300	0.300	02/08/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/09/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2022	ND	201	101	200	0.812	
DRO >C10-C28*	<10.0	10.0	02/08/2022	ND	222	111	200	0.862	
EXT DRO >C28-C36	<10.0	10.0	02/08/2022	ND					

Surrogate: 1-Chlorooctane 105 % 66.9-136

Surrogate: 1-Chlorooctadecane 111 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/04/2022	Sampling Date:	02/04/2022
Reported:	02/09/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE		

Sample ID: B 10 @ 2' (H220437-02)

BTEx 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2022	ND	2.02	101	2.00	6.62	
Toluene*	<0.050	0.050	02/08/2022	ND	1.98	98.9	2.00	7.04	
Ethylbenzene*	<0.050	0.050	02/08/2022	ND	2.00	99.8	2.00	6.49	
Total Xylenes*	<0.150	0.150	02/08/2022	ND	6.15	103	6.00	6.36	
Total BTEX	<0.300	0.300	02/08/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/09/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2022	ND	201	101	200	0.812	
DRO >C10-C28*	<10.0	10.0	02/08/2022	ND	222	111	200	0.862	
EXT DRO >C28-C36	<10.0	10.0	02/08/2022	ND					

Surrogate: 1-Chlorooctane 109 % 66.9-136

Surrogate: 1-Chlorooctadecane 114 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/04/2022	Sampling Date:	02/04/2022
Reported:	02/09/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE		

Sample ID: B 11 @ 2' (H220437-03)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/08/2022	ND	2.02	101	2.00	6.62		
Toluene*	<0.050	0.050	02/08/2022	ND	1.98	98.9	2.00	7.04		
Ethylbenzene*	<0.050	0.050	02/08/2022	ND	2.00	99.8	2.00	6.49		
Total Xylenes*	<0.150	0.150	02/08/2022	ND	6.15	103	6.00	6.36		
Total BTEx	<0.300	0.300	02/08/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	02/09/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2022	ND	201	101	200	0.812	
DRO >C10-C28*	<10.0	10.0	02/08/2022	ND	222	111	200	0.862	
EXT DRO >C28-C36	<10.0	10.0	02/08/2022	ND					

Surrogate: 1-Chlorooctane 115 % 66.9-136

Surrogate: 1-Chlorooctadecane 121 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/04/2022	Sampling Date:	02/04/2022
Reported:	02/09/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE		

Sample ID: B 12 @ 2' (H220437-04)

BTX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/08/2022	ND	2.02	101	2.00	6.62		
Toluene*	<0.050	0.050	02/08/2022	ND	1.98	98.9	2.00	7.04		
Ethylbenzene*	<0.050	0.050	02/08/2022	ND	2.00	99.8	2.00	6.49		
Total Xylenes*	<0.150	0.150	02/08/2022	ND	6.15	103	6.00	6.36		
Total BTX	<0.300	0.300	02/08/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/09/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2022	ND	201	101	200	0.812	
DRO >C10-C28*	<10.0	10.0	02/08/2022	ND	222	111	200	0.862	
EXT DRO >C28-C36	<10.0	10.0	02/08/2022	ND					

Surrogate: 1-Chlorooctane 113 % 66.9-136

Surrogate: 1-Chlorooctadecane 118 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/04/2022	Sampling Date:	02/04/2022
Reported:	02/09/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE		

Sample ID: B 13 @ 2' (H220437-05)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/08/2022	ND	2.02	101	2.00	6.62		
Toluene*	<0.050	0.050	02/08/2022	ND	1.98	98.9	2.00	7.04		
Ethylbenzene*	<0.050	0.050	02/08/2022	ND	2.00	99.8	2.00	6.49		
Total Xylenes*	<0.150	0.150	02/08/2022	ND	6.15	103	6.00	6.36		
Total BTEX	<0.300	0.300	02/08/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	02/09/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2022	ND	201	101	200	0.812	
DRO >C10-C28*	<10.0	10.0	02/08/2022	ND	222	111	200	0.862	
EXT DRO >C28-C36	<10.0	10.0	02/08/2022	ND					

Surrogate: 1-Chlorooctane 114 % 66.9-136

Surrogate: 1-Chlorooctadecane 121 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/04/2022	Sampling Date:	02/04/2022
Reported:	02/09/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE		

Sample ID: B 14 @ 2' (H220437-06)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/08/2022	ND	2.02	101	2.00	6.62		
Toluene*	<0.050	0.050	02/08/2022	ND	1.98	98.9	2.00	7.04		
Ethylbenzene*	<0.050	0.050	02/08/2022	ND	2.00	99.8	2.00	6.49		
Total Xylenes*	<0.150	0.150	02/08/2022	ND	6.15	103	6.00	6.36		
Total BTEx	<0.300	0.300	02/08/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	02/09/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2022	ND	201	101	200	0.812	
DRO >C10-C28*	<10.0	10.0	02/08/2022	ND	222	111	200	0.862	
EXT DRO >C28-C36	<10.0	10.0	02/08/2022	ND					

Surrogate: 1-Chlorooctane 98.4 % 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:	02/04/2022	Sampling Date:	02/04/2022
Reported:	02/09/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE		

Sample ID: B 15 @ 2' (H220437-07)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/08/2022	ND	2.02	101	2.00	6.62		
Toluene*	<0.050	0.050	02/08/2022	ND	1.98	98.9	2.00	7.04		
Ethylbenzene*	<0.050	0.050	02/08/2022	ND	2.00	99.8	2.00	6.49		
Total Xylenes*	<0.150	0.150	02/08/2022	ND	6.15	103	6.00	6.36		
Total BTEX	<0.300	0.300	02/08/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/09/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2022	ND	201	101	200	0.812	
DRO >C10-C28*	<10.0	10.0	02/08/2022	ND	222	111	200	0.862	
EXT DRO >C28-C36	<10.0	10.0	02/08/2022	ND					

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/04/2022	Sampling Date:	02/04/2022
Reported:	02/09/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE		

Sample ID: B 16 @ 2' (H220437-08)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/08/2022	ND	2.02	101	2.00	6.62		
Toluene*	<0.050	0.050	02/08/2022	ND	1.98	98.9	2.00	7.04		
Ethylbenzene*	<0.050	0.050	02/08/2022	ND	2.00	99.8	2.00	6.49		
Total Xylenes*	<0.150	0.150	02/08/2022	ND	6.15	103	6.00	6.36		
Total BTEx	<0.300	0.300	02/08/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	432	16.0	02/09/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2022	ND	201	101	200	0.812	
DRO >C10-C28*	<10.0	10.0	02/08/2022	ND	222	111	200	0.862	
EXT DRO >C28-C36	<10.0	10.0	02/08/2022	ND					

Surrogate: 1-Chlorooctane 96.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	02/04/2022	Sampling Date:	02/04/2022
Reported:	02/09/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE		

Sample ID: B 17 @ 2' (H220437-09)

BTEx 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2022	ND	2.02	101	2.00	6.62	
Toluene*	<0.050	0.050	02/08/2022	ND	1.98	98.9	2.00	7.04	
Ethylbenzene*	<0.050	0.050	02/08/2022	ND	2.00	99.8	2.00	6.49	
Total Xylenes*	<0.150	0.150	02/08/2022	ND	6.15	103	6.00	6.36	
Total BTEx	<0.300	0.300	02/08/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	02/09/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2022	ND	201	101	200	0.812	
DRO >C10-C28*	<10.0	10.0	02/08/2022	ND	222	111	200	0.862	
EXT DRO >C28-C36	<10.0	10.0	02/08/2022	ND					

Surrogate: 1-Chlorooctane 92.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.8 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/04/2022	Sampling Date:	02/04/2022
Reported:	02/09/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE		

Sample ID: B 18 @ 2' (H220437-10)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/08/2022	ND	2.02	101	2.00	6.62		
Toluene*	<0.050	0.050	02/08/2022	ND	1.98	98.9	2.00	7.04		
Ethylbenzene*	<0.050	0.050	02/08/2022	ND	2.00	99.8	2.00	6.49		
Total Xylenes*	<0.150	0.150	02/08/2022	ND	6.15	103	6.00	6.36		
Total BTEx	<0.300	0.300	02/08/2022	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	96.0	16.0	02/09/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2022	ND	201	101	200	0.812	
DRO >C10-C28*	<10.0	10.0	02/08/2022	ND	222	111	200	0.862	
EXT DRO >C28-C36	<10.0	10.0	02/08/2022	ND					

Surrogate: 1-Chlorooctane 104 % 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:	02/04/2022	Sampling Date:	02/04/2022
Reported:	02/09/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE		

Sample ID: B 19 @ 2' (H220437-11)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/08/2022	ND	2.02	101	2.00	6.62		
Toluene*	<0.050	0.050	02/08/2022	ND	1.98	98.9	2.00	7.04		
Ethylbenzene*	<0.050	0.050	02/08/2022	ND	2.00	99.8	2.00	6.49		
Total Xylenes*	<0.150	0.150	02/08/2022	ND	6.15	103	6.00	6.36		
Total BTEx	<0.300	0.300	02/08/2022	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	240	16.0	02/09/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/09/2022	ND	211	105	200	1.46	
DRO >C10-C28*	<10.0	10.0	02/09/2022	ND	234	117	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	02/09/2022	ND					

Surrogate: 1-Chlorooctane 99.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/04/2022	Sampling Date:	02/04/2022
Reported:	02/09/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE		

Sample ID: B 20 @ 2' (H220437-12)

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	02/08/2022	ND	2.02	101	2.00	6.62		
Toluene*	<0.050	0.050	02/08/2022	ND	1.98	98.9	2.00	7.04		
Ethylbenzene*	<0.050	0.050	02/08/2022	ND	2.00	99.8	2.00	6.49		
Total Xylenes*	<0.150	0.150	02/08/2022	ND	6.15	103	6.00	6.36		
Total BTX	<0.300	0.300	02/08/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	02/09/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/09/2022	ND	211	105	200	1.46	
DRO >C10-C28*	<10.0	10.0	02/09/2022	ND	234	117	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	02/09/2022	ND					

Surrogate: 1-Chlorooctane 108 % 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: 02/04/2022
 Reported: 02/09/2022
 Project Name: RED HILLS WEST #1
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE

Sampling Date: 02/04/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: B 21 @ 2' (H220437-13)

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	02/08/2022	ND	1.93	96.3	2.00	8.68		
Toluene*	<0.050	0.050	02/08/2022	ND	1.91	95.7	2.00	8.51		
Ethylbenzene*	<0.050	0.050	02/08/2022	ND	1.83	91.7	2.00	8.62		
Total Xylenes*	<0.150	0.150	02/08/2022	ND	5.65	94.1	6.00	9.34		
Total BTX	<0.300	0.300	02/08/2022	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	368	16.0	02/09/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/09/2022	ND	211	105	200	1.46	
DRO >C10-C28*	<10.0	10.0	02/09/2022	ND	234	117	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	02/09/2022	ND					

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 108 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/04/2022	Sampling Date:	02/04/2022
Reported:	02/09/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE		

Sample ID: B 22 @ 2' (H220437-14)

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	02/08/2022	ND	1.93	96.3	2.00	8.68		
Toluene*	<0.050	0.050	02/08/2022	ND	1.91	95.7	2.00	8.51		
Ethylbenzene*	<0.050	0.050	02/08/2022	ND	1.83	91.7	2.00	8.62		
Total Xylenes*	<0.150	0.150	02/08/2022	ND	5.65	94.1	6.00	9.34		
Total BTX	<0.300	0.300	02/08/2022	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	144	16.0	02/09/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/09/2022	ND	211	105	200	1.46	
DRO >C10-C28*	<10.0	10.0	02/09/2022	ND	234	117	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	02/09/2022	ND					

Surrogate: 1-Chlorooctane 96.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 102 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/04/2022	Sampling Date:	02/04/2022
Reported:	02/09/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE		

Sample ID: B 23 @ 2' (H220437-15)

BTX 8021B			mg/kg							
			Analyzed By: MS/							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/08/2022	ND	1.93	96.3	2.00	8.68		
Toluene*	<0.050	0.050	02/08/2022	ND	1.91	95.7	2.00	8.51		
Ethylbenzene*	<0.050	0.050	02/08/2022	ND	1.83	91.7	2.00	8.62		
Total Xylenes*	<0.150	0.150	02/08/2022	ND	5.65	94.1	6.00	9.34		
Total BTX	<0.300	0.300	02/08/2022	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	240	16.0	02/09/2022	ND	400	100	400	3.92		

TPH 8015M			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/09/2022	ND	211	105	200	1.46		
DRO >C10-C28*	<10.0	10.0	02/09/2022	ND	234	117	200	2.18		
EXT DRO >C28-C36	<10.0	10.0	02/09/2022	ND						

Surrogate: 1-Chlorooctane 97.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 102 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>Diamond Back</u>		BILL TO		ANALYSIS REQUEST																						
Project Manager: <u>Justin R.</u>		P.O. #:																								
Address:		Company:																								
City: <u>Hobbs</u> State: <u>NM</u> Zip: <u>88240</u>		Attn:																								
Phone #: Fax #:		Address:																								
Project #: Project Owner:		City:																								
Project Name:		State: Zip:																								
Project Location: <u>Red Hills West #1</u>		Phone #:																								
Sampler Name: <u>Joe Quisenberry</u>		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								
	37 H220454	TP 2/4/22												2/24	11:00	X	X	X								
	1	B9 @ 2'	C	1			1				1			2/24	11:02	X	X	X								
	2	B10 @ 2'	C	1			1				1			2/24	11:04	X	X	X								
	3	B11 @ 2'	C	1			1				1			2/24	11:06	X	X	X								
	4	B12 @ 2'	C	1			1				1			2/24	11:08	X	X	X								
	5	B13 @ 2'	C	1			1				1			2/24	11:10	X	X	X								
	6	B14 @ 2'	C	1			1				1			2/24	11:12	X	X	X								
	7	B15 @ 2'	C	1			1				1			2/24	11:14	X	X	X								
	8	B16 @ 2'	C	1			1				1			2/24	11:16	X	X	X								
	9	B17 @ 2'	C	1			1				1			2/24	11:18	X	X	X								
	10	B18 @ 2'	C	1			1				1			2/24	11:18	X	X	X								

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Relinquished By: <u>[Signature]</u>	Date: <u>2/4/22</u>	Received By: <u>Jodi Benson</u>	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
Relinquished By: <u>[Signature]</u>	Time: <u>10:40</u>	Received By: <u>[Signature]</u>	All Results are emailed. Please provide Email address:
	Date:		REMARKS: <u>Joe! Justin R.</u>
	Time:		
Delivered By: (Circle One)	Observed Temp. °C <u>2.8</u>	Sample Condition	Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>
Sampler - UPS - Bus - Other:	Corrected Temp. °C <u>2.3</u>	<input checked="" type="checkbox"/> Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No	Bacteria (only) Sample Condition <input type="checkbox"/> Cool <input type="checkbox"/> Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C
CHECKED BY: <u>[Signature]</u>		Thermometer ID #113 Correction Factor -0.5°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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: XXXXXXXXXXXX Diamond Bull				BILL TO				ANALYSIS REQUEST																					
Project Manager: Justin R				P.O. #:																									
Address:				Company:																									
City: Hobbs State: NM Zip: 88240				Attn:																									
Phone #: Fax #:				Address:																									
Project #: Project Owner:				City:																									
Project Name:				State: Zip:																									
Project Location: Red Hills West #1				Phone #:																									
Sampler Name: Joe Berschler Jr.				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													
		37 H220404		TO 2/4/22		C		1								2-4 11:00		X X X											
		11 B14 @ 2'				C		1								2-4 2:46		X X X											
		12 B20 @ 2'				C		1								2-4 2:48		X X X											
		13 B21 @ 2'				C		1								2-4 2:50		X X X											
		14 B22 @ 2'				C		1								2-4 2:52		X X X											
		15 B23 @ 2'				C		1																					

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Relinquished By:		Date: 2-4	Received By:		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
Relinquished By:		Time: 10:40	Received By:		All Results are emailed. Please provide Email address:	
		Date:			Justin R / Joe	
		Time:			REMARKS:	
Delivered By: (Circle One)		Observed Temp. °C 2.8	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	
Sampler - UPS - Bus - Other:		Corrected Temp. °C 2.3	CHECKED BY:		Thermometer ID #113 Correction Factor -0.5°C	
					Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No Corrected Temp. °C	

FORM-006 R 3.2 10/07/21

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

February 09, 2022

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: RED HILLS WEST #1

Enclosed are the results of analyses for samples received by the laboratory on 02/04/22 16:40.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

February 08, 2022

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: RED HILLS WEST #1

Enclosed are the results of analyses for samples received by the laboratory on 02/07/22 8:15.

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 fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	02/07/2022	Sampling Date:	02/05/2022
Reported:	02/08/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: W 5 BGS 0-2' (H220442-01)

BTEX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/07/2022	ND	2.09	105	2.00	0.796		
Toluene*	<0.050	0.050	02/07/2022	ND	2.07	104	2.00	1.28		
Ethylbenzene*	<0.050	0.050	02/07/2022	ND	2.09	104	2.00	0.326		
Total Xylenes*	<0.150	0.150	02/07/2022	ND	6.45	107	6.00	0.227		
Total BTEX	<0.300	0.300	02/07/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/07/2022	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/07/2022	ND	203	101	200	0.377	
DRO >C10-C28*	<10.0	10.0	02/07/2022	ND	200	99.8	200	3.47	
EXT DRO >C28-C36	<10.0	10.0	02/07/2022	ND					

Surrogate: 1-Chlorooctane 70.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 64.6 % 59.5-142

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/07/2022	Sampling Date:	02/05/2022
Reported:	02/08/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: W 6 BGS 0-2' (H220442-02)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/07/2022	ND	2.09	105	2.00	0.796	
Toluene*	<0.050	0.050	02/07/2022	ND	2.07	104	2.00	1.28	
Ethylbenzene*	<0.050	0.050	02/07/2022	ND	2.09	104	2.00	0.326	
Total Xylenes*	<0.150	0.150	02/07/2022	ND	6.45	107	6.00	0.227	
Total BTX	<0.300	0.300	02/07/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/07/2022	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/07/2022	ND	203	101	200	0.377	
DRO >C10-C28*	<10.0	10.0	02/07/2022	ND	200	99.8	200	3.47	
EXT DRO >C28-C36	<10.0	10.0	02/07/2022	ND					

Surrogate: 1-Chlorooctane 75.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 71.5 % 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:	02/07/2022	Sampling Date:	02/05/2022
Reported:	02/08/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 24 @ 2' (H220442-03)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/07/2022	ND	2.09	105	2.00	0.796		
Toluene*	<0.050	0.050	02/07/2022	ND	2.07	104	2.00	1.28		
Ethylbenzene*	<0.050	0.050	02/07/2022	ND	2.09	104	2.00	0.326		
Total Xylenes*	<0.150	0.150	02/07/2022	ND	6.45	107	6.00	0.227		
Total BTEX	<0.300	0.300	02/07/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	02/07/2022	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/07/2022	ND	203	101	200	0.377	
DRO >C10-C28*	<10.0	10.0	02/07/2022	ND	200	99.8	200	3.47	
EXT DRO >C28-C36	<10.0	10.0	02/07/2022	ND					

Surrogate: 1-Chlorooctane 78.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 73.9 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/07/2022	Sampling Date:	02/05/2022
Reported:	02/08/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 25 @ 2' (H220442-04)

BTEx 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/07/2022	ND	2.09	105	2.00	0.796	
Toluene*	<0.050	0.050	02/07/2022	ND	2.07	104	2.00	1.28	
Ethylbenzene*	<0.050	0.050	02/07/2022	ND	2.09	104	2.00	0.326	
Total Xylenes*	<0.150	0.150	02/07/2022	ND	6.45	107	6.00	0.227	
Total BTEx	<0.300	0.300	02/07/2022	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	96.0	16.0	02/07/2022	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/07/2022	ND	203	101	200	0.377	
DRO >C10-C28*	<10.0	10.0	02/07/2022	ND	200	99.8	200	3.47	
EXT DRO >C28-C36	<10.0	10.0	02/07/2022	ND					

Surrogate: 1-Chlorooctane 79.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 74.9 % 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", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



CARDINAL
Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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analyses. All claims including those for negligence and any other cause whatsoever shall be voided and the Cardinal will not be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____ All Results are emailed. Please provide Email address: _____	
Relinquished By: <u>Jose Chavala</u> Date: <u>2-7-22</u> Time: <u>0815</u>	Received By: <u>Amara Alda-Ken</u> Date: _____ Time: _____	REMARKS: <u>P. Mail Results - RUSIT</u> <u>Justin Roberts</u>	
Relinquished By: _____ Date: _____ Time: _____	Received By: _____ Date: _____ Time: _____	Turnaround Time: <u>Standard</u> <input type="checkbox"/> <u>Rush</u> <input checked="" type="checkbox"/> Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Yes <input type="checkbox"/> No <input type="checkbox"/> Yes No <input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: _____	Observed Temp. °C <u>-7.4</u> Corrected Temp. °C <u>-8.1</u>	Sample Condition Cool Intact Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No	CHECKED BY: (Initials) <u>yo</u>
		Thermometer ID #113 Correction Factor <u>None</u> <u>-0.5</u>	Please email changes to celest.keene@cardinallabsnm.com



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Analytical Results For:

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

Received:	02/04/2022	Sampling Date:	02/04/2022
Reported:	02/09/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE		

Sample ID: W 1 BGS 0-2' (H220438-01)

BTEX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/08/2022	ND	1.93	96.3	2.00	8.68		
Toluene*	<0.050	0.050	02/08/2022	ND	1.91	95.7	2.00	8.51		
Ethylbenzene*	<0.050	0.050	02/08/2022	ND	1.83	91.7	2.00	8.62		
Total Xylenes*	<0.150	0.150	02/08/2022	ND	5.65	94.1	6.00	9.34		
Total BTEX	<0.300	0.300	02/08/2022	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	80.0	16.0	02/09/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/09/2022	ND	211	105	200	1.46	
DRO >C10-C28*	<10.0	10.0	02/09/2022	ND	234	117	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	02/09/2022	ND					

Surrogate: 1-Chlorooctane 82.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 86.3 % 59.5-142

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/04/2022	Sampling Date:	02/04/2022
Reported:	02/09/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE		

Sample ID: W 2 BGS 0-2' (H220438-02)

BTX 8021B			mg/kg							
			Analyzed By: MS/							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/08/2022	ND	1.93	96.3	2.00	8.68		
Toluene*	<0.050	0.050	02/08/2022	ND	1.91	95.7	2.00	8.51		
Ethylbenzene*	<0.050	0.050	02/08/2022	ND	1.83	91.7	2.00	8.62		
Total Xylenes*	<0.150	0.150	02/08/2022	ND	5.65	94.1	6.00	9.34		
Total BTX	<0.300	0.300	02/08/2022	ND						

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

Chloride, SM4500CI-B			mg/kg							
			Analyzed By: GM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	02/09/2022	ND	400	100	400	3.92		

TPH 8015M			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/09/2022	ND	211	105	200	1.46		
DRO >C10-C28*	<10.0	10.0	02/09/2022	ND	234	117	200	2.18		
EXT DRO >C28-C36	<10.0	10.0	02/09/2022	ND						

Surrogate: 1-Chlorooctane 96.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 102 % 59.5-142

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/04/2022	Sampling Date:	02/04/2022
Reported:	02/09/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE		

Sample ID: W 3 BGS 0-2' (H220438-03)

BTX 8021B			mg/kg							
			Analyzed By: MS/							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/08/2022	ND	1.93	96.3	2.00	8.68		
Toluene*	<0.050	0.050	02/08/2022	ND	1.91	95.7	2.00	8.51		
Ethylbenzene*	<0.050	0.050	02/08/2022	ND	1.83	91.7	2.00	8.62		
Total Xylenes*	<0.150	0.150	02/08/2022	ND	5.65	94.1	6.00	9.34		
Total BTX	<0.300	0.300	02/08/2022	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	368	16.0	02/09/2022	ND	400	100	400	3.92		

TPH 8015M			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/09/2022	ND	211	105	200	1.46		
DRO >C10-C28*	<10.0	10.0	02/09/2022	ND	234	117	200	2.18		
EXT DRO >C28-C36	<10.0	10.0	02/09/2022	ND						

Surrogate: 1-Chlorooctane 90.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.1 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/04/2022
 Reported: 02/09/2022
 Project Name: RED HILLS WEST #1
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE

Sampling Date: 02/04/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: W 4 BGS 0-2' (H220438-04)

BTX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/08/2022	ND	1.93	96.3	2.00	8.68		
Toluene*	<0.050	0.050	02/08/2022	ND	1.91	95.7	2.00	8.51		
Ethylbenzene*	<0.050	0.050	02/08/2022	ND	1.83	91.7	2.00	8.62		
Total Xylenes*	<0.150	0.150	02/08/2022	ND	5.65	94.1	6.00	9.34		
Total BTX	<0.300	0.300	02/08/2022	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	80.0	16.0	02/09/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/09/2022	ND	211	105	200	1.46	
DRO >C10-C28*	<10.0	10.0	02/09/2022	ND	234	117	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	02/09/2022	ND					

Surrogate: 1-Chlorooctane 95.7 % 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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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



CARDINAL
Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: <u>Diamond Back</u>		BILL TO		ANALYSIS REQUEST																	
Project Manager: <u>Justin R</u>		P.O. #:																			
Address:		Company:																			
City: <u>Hobbs</u> State: <u>NM</u> Zip: <u>88240</u>		Attn:																			
Phone #: Fax:		Address:																			
Project #: Project Owner:		City:																			
Project Name:		State: Zip:																			
Project Location: <u>Red Hills west #1</u>		Phone #:																			
Sampler Name: <u>Joe Querecha Jr</u>		Fax #:																			
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING													
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :												
<u>4220485</u>	<u>38 TO 2/4/22</u>																				
<u>1</u>	<u>W1 BGS 0-2'</u>	<u>1</u>	<u>1</u>			<u>1</u>				<u>1</u>			<u>2-4</u>	<u>11:32</u>	<u>X</u>						
<u>2</u>	<u>W2 BGS 0-2'</u>	<u>1</u>	<u>1</u>			<u>1</u>				<u>1</u>			<u>2-4</u>	<u>11:34</u>	<u>X</u>						
<u>3</u>	<u>W3 BGS 0-2'</u>	<u>1</u>	<u>1</u>			<u>1</u>				<u>1</u>			<u>2-4</u>	<u>11:36</u>	<u>X</u>						
	<u>W4 BGS 0-2'</u>	<u>1</u>	<u>1</u>			<u>1</u>				<u>1</u>			<u>2-4</u>	<u>11:38</u>	<u>X</u>						

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Relinquished By:

Date:

Time:

Received By:

Date:

Time:

Relinquished By:

Verbal Result: ☐ Yes ☐ No Add'l Phone #:
All Results are emailed. Please provide Email address:

REMARKS:

Delivered By: (Circle One)

Observed Temp. °C

Corrected Temp. °C

Sample Condition

Cool Intact

☐ Yes ☒ No

CHECKED BY:

(Initials)

Turnaround Time:

Standard
Rush

Bacteria (only) Sample Condition

Cool Intact

☐ Yes ☐ No

Observed Temp. °C

Corrected Temp. °C

Thermometer ID #113
Correction Factor -0.5°C



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

February 08, 2022

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: RED HILLS WEST #1

Enclosed are the results of analyses for samples received by the laboratory on 02/07/22 8:15.

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".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	02/07/2022	Sampling Date:	02/05/2022
Reported:	02/08/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: W 5 BGS 0-2' (H220442-01)

BTEX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/07/2022	ND	2.09	105	2.00	0.796		
Toluene*	<0.050	0.050	02/07/2022	ND	2.07	104	2.00	1.28		
Ethylbenzene*	<0.050	0.050	02/07/2022	ND	2.09	104	2.00	0.326		
Total Xylenes*	<0.150	0.150	02/07/2022	ND	6.45	107	6.00	0.227		
Total BTEX	<0.300	0.300	02/07/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/07/2022	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/07/2022	ND	203	101	200	0.377		
DRO >C10-C28*	<10.0	10.0	02/07/2022	ND	200	99.8	200	3.47		
EXT DRO >C28-C36	<10.0	10.0	02/07/2022	ND						

Surrogate: 1-Chlorooctane 70.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 64.6 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/07/2022	Sampling Date:	02/05/2022
Reported:	02/08/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: W 6 BGS 0-2' (H220442-02)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/07/2022	ND	2.09	105	2.00	0.796		
Toluene*	<0.050	0.050	02/07/2022	ND	2.07	104	2.00	1.28		
Ethylbenzene*	<0.050	0.050	02/07/2022	ND	2.09	104	2.00	0.326		
Total Xylenes*	<0.150	0.150	02/07/2022	ND	6.45	107	6.00	0.227		
Total BTEx	<0.300	0.300	02/07/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/07/2022	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/07/2022	ND	203	101	200	0.377	
DRO >C10-C28*	<10.0	10.0	02/07/2022	ND	200	99.8	200	3.47	
EXT DRO >C28-C36	<10.0	10.0	02/07/2022	ND					

Surrogate: 1-Chlorooctane 75.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 71.5 % 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:	02/07/2022	Sampling Date:	02/05/2022
Reported:	02/08/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 24 @ 2' (H220442-03)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/07/2022	ND	2.09	105	2.00	0.796		
Toluene*	<0.050	0.050	02/07/2022	ND	2.07	104	2.00	1.28		
Ethylbenzene*	<0.050	0.050	02/07/2022	ND	2.09	104	2.00	0.326		
Total Xylenes*	<0.150	0.150	02/07/2022	ND	6.45	107	6.00	0.227		
Total BTEx	<0.300	0.300	02/07/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	02/07/2022	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/07/2022	ND	203	101	200	0.377	
DRO >C10-C28*	<10.0	10.0	02/07/2022	ND	200	99.8	200	3.47	
EXT DRO >C28-C36	<10.0	10.0	02/07/2022	ND					

Surrogate: 1-Chlorooctane 78.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 73.9 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/07/2022	Sampling Date:	02/05/2022
Reported:	02/08/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 25 @ 2' (H220442-04)

BTEx 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/07/2022	ND	2.09	105	2.00	0.796	
Toluene*	<0.050	0.050	02/07/2022	ND	2.07	104	2.00	1.28	
Ethylbenzene*	<0.050	0.050	02/07/2022	ND	2.09	104	2.00	0.326	
Total Xylenes*	<0.150	0.150	02/07/2022	ND	6.45	107	6.00	0.227	
Total BTEX	<0.300	0.300	02/07/2022	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	96.0	16.0	02/07/2022	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/07/2022	ND	203	101	200	0.377	
DRO >C10-C28*	<10.0	10.0	02/07/2022	ND	200	99.8	200	3.47	
EXT DRO >C28-C36	<10.0	10.0	02/07/2022	ND					

Surrogate: 1-Chlorooctane 79.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 74.9 % 59.5-142

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

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

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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A handwritten signature in cursive script, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



CARDINAL
Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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

analyses. All claims including those for negligence and any other cause whatsoever shall be voided and the donor shall be held responsible for any damage, injury, loss of service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.		Relinquished By: <i>Jose Chavala</i> Date: <i>2-7-22</i> Time: <i>0815</i>		Received By: <i>Amara Alda Keri</i> Date: _____ Time: _____		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____ All Results are emailed. Please provide Email address: _____	
Relinquished By: _____ Date: _____ Time: _____		Received By: _____ Date: _____ Time: _____		REMARKS: <i>P. Mail Results - RUSIT</i> <i>Justin Roberts</i>		Turnaround Time: <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Bacteria (only) Sample Condition <i>Rush</i> <input checked="" type="checkbox"/> Cool Intact Observed Temp. °C	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: _____		Observed Temp. °C <i>-7.4</i> Corrected Temp. °C <i>-8.1</i>		Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: (Initials) <i>yo</i>	
				Thermometer ID #113 Correction Factor <i>None</i> <i>-0.5</i>		<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No Corrected Temp. °C	

FORM-006 R 3.1 08/04/20

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



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

February 08, 2022

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: RED HILLS WEST #1

Enclosed are the results of analyses for samples received by the laboratory on 02/07/22 8:15.

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, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	02/07/2022	Sampling Date:	02/05/2022
Reported:	02/08/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: W 7 BGS 0-2' (H220441-01)

BTEX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/07/2022	ND	2.09	105	2.00	0.796		
Toluene*	<0.050	0.050	02/07/2022	ND	2.07	104	2.00	1.28		
Ethylbenzene*	<0.050	0.050	02/07/2022	ND	2.09	104	2.00	0.326		
Total Xylenes*	<0.150	0.150	02/07/2022	ND	6.45	107	6.00	0.227		
Total BTEX	<0.300	0.300	02/07/2022	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	02/07/2022	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/07/2022	ND	203	101	200	0.377		
DRO >C10-C28*	<10.0	10.0	02/07/2022	ND	200	99.8	200	3.47		
EXT DRO >C28-C36	<10.0	10.0	02/07/2022	ND						

Surrogate: 1-Chlorooctane 78.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 71.7 % 59.5-142

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

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

Notes and Definitions

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

Cardinal Laboratories

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>Mewbourne</u> Project Manager: <u>Robbie Runnels</u> Address: City: <u>Hobbs</u> State: <u>NM</u> Zip: <u>88240</u> Phone #: Fax #: Project #: Project Owner: Project Name: Project Location: <u>Red Hills West Unit 001 H</u> Sampler Name: <u>Gose Quasari</u>				BILL TO P.O. #: Company: <u>Mewbourne</u> Attn: Address: City: State: Zip: Phone #: Fax #:				ANALYSIS REQUEST																			
FOR LAB USE ONLY		Lab I.D.		Sample I.D.		GRAB OR CONTAINERS		MATRIX				PRESERV.		SAMPLING													
								GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:				ACID/BASE ICE / COOL OTHER:		DATE TIME													
		<u>H220441</u>		<u>W7BBS-0-2'</u>		<u>C</u>						<u>1</u>		<u>2/5 2:36</u>		<u>CI</u> <u>BTEX</u> <u>EXT TPA</u>											

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

Relinquished By: <u>[Signature]</u> Relinquished By:		Date: <u>2-7-22</u> Time: <u>0815</u>		Received By: <u>[Signature]</u> Received By:		Date: Time:		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: All Results are emailed. Please provide Email address:		REMARKS: <u>E-Mail Results - Justin Roberts</u> <u>Rush</u>	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. °C <u>-7.4</u> Corrected Temp. °C <u>-8.1</u>		Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: (Initials) <u>JO</u>		Turnaround Time: Standard <input type="checkbox"/> Rush <input checked="" type="checkbox"/>		Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No	
								Thermometer ID #113 Correction Factor <u>None</u> <u>-0.5°C</u>		Corrected Temp. °C	

FORM-006 R 3.1 06/04/20

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



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

February 11, 2022

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: RED HILLS WEST #1

Enclosed are the results of analyses for samples received by the laboratory on 02/07/22 16:35.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	02/07/2022	Sampling Date:	02/07/2022
Reported:	02/11/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: W 8 BGS 0-2' (H220456-01)

BTEX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/09/2022	ND	1.96	98.2	2.00	5.96		
Toluene*	<0.050	0.050	02/09/2022	ND	1.93	96.5	2.00	6.45		
Ethylbenzene*	<0.050	0.050	02/09/2022	ND	1.95	97.3	2.00	6.01		
Total Xylenes*	<0.150	0.150	02/09/2022	ND	6.03	100	6.00	5.50		
Total BTEX	<0.300	0.300	02/09/2022	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	64.0	16.0	02/09/2022	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	02/10/2022	ND	210	105	200	0.0827	
DRO >C10-C28*	<10.0	10.0	02/10/2022	ND	160	80.0	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	02/10/2022	ND					

Surrogate: 1-Chlorooctane 79.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 85.9 % 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

Analytical Results For:

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

Received:	02/07/2022	Sampling Date:	02/07/2022
Reported:	02/11/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: W 9 BGS 0-2' (H220456-02)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/09/2022	ND	1.96	98.2	2.00	5.96		
Toluene*	<0.050	0.050	02/09/2022	ND	1.93	96.5	2.00	6.45		
Ethylbenzene*	<0.050	0.050	02/09/2022	ND	1.95	97.3	2.00	6.01		
Total Xylenes*	<0.150	0.150	02/09/2022	ND	6.03	100	6.00	5.50		
Total BTEx	<0.300	0.300	02/09/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/09/2022	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	02/09/2022	ND	188	93.9	200	0.448	
DRO >C10-C28*	<10.0	10.0	02/09/2022	ND	220	110	200	0.0400	
EXT DRO >C28-C36	<10.0	10.0	02/09/2022	ND					

Surrogate: 1-Chlorooctane 82.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.3 % 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

Notes and Definitions

BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
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

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

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 5 of 5

Company Name: <u>Diamond Base</u>				BILL TO				ANALYSIS REQUEST											
Project Manager: <u>Justin R</u>				P.O. #:															
Address:				Company:															
City: <u>Hobbs</u> State: <u>NM</u> Zip: <u>88240</u>				Attn:															
Phone #:				Address:															
Project #:				City:															
Project Name:				State: Zip:															
Project Location: <u>Red Hills west #1</u>				Phone #:															
Sampler Name: <u>Lee Messinger Jr</u>				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											
<u>H220456</u>		<u>1 W 8 BGS 0-2'</u>		<u>C 1</u>				<u>1</u>		<u>2-7 2:42</u>		<u>X X X</u>							
<u>2</u>		<u>W 9 BGS 0-2'</u>		<u>C 1</u>				<u>1</u>		<u>2-7 2:40</u>		<u>X X X</u>							

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Relinquished By: <u>[Signature]</u>		Date: <u>2-7-22</u>	Received By: <u>[Signature]</u>		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
Relinquished By: <u>[Signature]</u>		Date: <u>2-7-22</u>	Received By: <u>[Signature]</u>		All Results are emailed. Please provide Email address: <u>Justin R / Jee</u>	
Relinquished By: <u>[Signature]</u>		Date: <u>2-7-22</u>	Received By: <u>[Signature]</u>		REMARKS:	
Delivered By: (Circle One)		Observed Temp. °C <u>3.9</u>	Sample Condition	CHECKED BY: (Initials)	Turnaround Time: <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush	
Sampler - UPS - Bus - Other:		Corrected Temp. °C <u>3.4</u>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No	<u>[Signature]</u>	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C	
Thermometer ID #113		Correction Factor -0.5°C				

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



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

February 15, 2022

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: RED HILLS WEST #1

Enclosed are the results of analyses for samples received by the laboratory on 02/10/22 16:50.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	02/10/2022	Sampling Date:	02/10/2022
Reported:	02/15/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: W 10 BGS 0-2' (H220540-01)

BTEX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/14/2022	ND	1.84	92.0	2.00	9.98		
Toluene*	<0.050	0.050	02/14/2022	ND	1.85	92.7	2.00	9.19		
Ethylbenzene*	<0.050	0.050	02/14/2022	ND	1.88	94.1	2.00	8.65		
Total Xylenes*	<0.150	0.150	02/14/2022	ND	5.84	97.3	6.00	8.46		
Total BTEX	<0.300	0.300	02/14/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	02/11/2022	ND	432	108	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	02/13/2022	ND	213	106	200	4.61	
DRO >C10-C28*	<10.0	10.0	02/13/2022	ND	246	123	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	02/13/2022	ND					

Surrogate: 1-Chlorooctane 119 % 66.9-136

Surrogate: 1-Chlorooctadecane 126 % 59.5-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/10/2022	Sampling Date:	02/10/2022
Reported:	02/15/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: W 11 BGS 0-1' (H220540-02)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/12/2022	ND	2.10	105	2.00	2.10		
Toluene*	<0.050	0.050	02/12/2022	ND	2.07	103	2.00	1.84		
Ethylbenzene*	<0.050	0.050	02/12/2022	ND	1.98	99.1	2.00	2.88		
Total Xylenes*	<0.150	0.150	02/12/2022	ND	6.16	103	6.00	2.70		
Total BTEx	<0.300	0.300	02/12/2022	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	160	16.0	02/11/2022	ND	432	108	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	02/13/2022	ND	213	106	200	4.61	
DRO >C10-C28*	<10.0	10.0	02/13/2022	ND	246	123	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	02/13/2022	ND					

Surrogate: 1-Chlorooctane 108 % 66.9-136

Surrogate: 1-Chlorooctadecane 114 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	02/10/2022	Sampling Date:	02/10/2022
Reported:	02/15/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: W 12 BGS 0-2' (H220540-03)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/12/2022	ND	2.10	105	2.00	2.10		
Toluene*	<0.050	0.050	02/12/2022	ND	2.07	103	2.00	1.84		
Ethylbenzene*	<0.050	0.050	02/12/2022	ND	1.98	99.1	2.00	2.88		
Total Xylenes*	<0.150	0.150	02/12/2022	ND	6.16	103	6.00	2.70		
Total BTEx	<0.300	0.300	02/12/2022	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	128	16.0	02/11/2022	ND	432	108	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	02/13/2022	ND	213	106	200	4.61	
DRO >C10-C28*	<10.0	10.0	02/13/2022	ND	246	123	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	02/13/2022	ND					

Surrogate: 1-Chlorooctane 114 % 66.9-136

Surrogate: 1-Chlorooctadecane 119 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/10/2022	Sampling Date:	02/10/2022
Reported:	02/15/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: W 13 BGS 0-1' (H220540-04)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/12/2022	ND	2.10	105	2.00	2.10		
Toluene*	<0.050	0.050	02/12/2022	ND	2.07	103	2.00	1.84		
Ethylbenzene*	<0.050	0.050	02/12/2022	ND	1.98	99.1	2.00	2.88		
Total Xylenes*	<0.150	0.150	02/12/2022	ND	6.16	103	6.00	2.70		
Total BTEx	<0.300	0.300	02/12/2022	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	160	16.0	02/11/2022	ND	432	108	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	02/13/2022	ND	213	106	200	4.61	
DRO >C10-C28*	<10.0	10.0	02/13/2022	ND	246	123	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	02/13/2022	ND					

Surrogate: 1-Chlorooctane 115 % 66.9-136

Surrogate: 1-Chlorooctadecane 118 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/10/2022	Sampling Date:	02/10/2022
Reported:	02/15/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: W 14 BGS 0-2' (H220540-05)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/12/2022	ND	2.10	105	2.00	2.10		
Toluene*	<0.050	0.050	02/12/2022	ND	2.07	103	2.00	1.84		
Ethylbenzene*	<0.050	0.050	02/12/2022	ND	1.98	99.1	2.00	2.88		
Total Xylenes*	<0.150	0.150	02/12/2022	ND	6.16	103	6.00	2.70		
Total BTEx	<0.300	0.300	02/12/2022	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	176	16.0	02/11/2022	ND	432	108	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	02/13/2022	ND	213	106	200	4.61	
DRO >C10-C28*	<10.0	10.0	02/13/2022	ND	246	123	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	02/13/2022	ND					

Surrogate: 1-Chlorooctane 112 % 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:	02/10/2022	Sampling Date:	02/10/2022
Reported:	02/15/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: W 15 BGS 0-2' (H220540-06)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/12/2022	ND	2.10	105	2.00	2.10		
Toluene*	<0.050	0.050	02/12/2022	ND	2.07	103	2.00	1.84		
Ethylbenzene*	<0.050	0.050	02/12/2022	ND	1.98	99.1	2.00	2.88		
Total Xylenes*	<0.150	0.150	02/12/2022	ND	6.16	103	6.00	2.70		
Total BTEx	<0.300	0.300	02/12/2022	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	144	16.0	02/11/2022	ND	432	108	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	02/13/2022	ND	213	106	200	4.61	
DRO >C10-C28*	<10.0	10.0	02/13/2022	ND	246	123	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	02/13/2022	ND					

Surrogate: 1-Chlorooctane 117 % 66.9-136

Surrogate: 1-Chlorooctadecane 123 % 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:	02/10/2022	Sampling Date:	02/10/2022
Reported:	02/15/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: W 16 BGS 0-2' (H220540-07)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/12/2022	ND	2.10	105	2.00	2.10		
Toluene*	<0.050	0.050	02/12/2022	ND	2.07	103	2.00	1.84		
Ethylbenzene*	<0.050	0.050	02/12/2022	ND	1.98	99.1	2.00	2.88		
Total Xylenes*	<0.150	0.150	02/12/2022	ND	6.16	103	6.00	2.70		
Total BTEx	<0.300	0.300	02/12/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	02/11/2022	ND	432	108	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	02/13/2022	ND	213	106	200	4.61	
DRO >C10-C28*	<10.0	10.0	02/13/2022	ND	246	123	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	02/13/2022	ND					

Surrogate: 1-Chlorooctane 117 % 66.9-136

Surrogate: 1-Chlorooctadecane 121 % 59.5-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

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

Cardinal Laboratories

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

Celey D. Keene, Lab Director/Quality Manager

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



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

February 08, 2022

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: RED HILLS WEST #1

Enclosed are the results of analyses for samples received by the laboratory on 02/07/22 8:15.

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:	02/07/2022	Sampling Date:	02/05/2022
Reported:	02/08/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 26 @ 2' (H220443-01)

BTEX 8021B			mg/kg		Analyzed By: MS/				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/07/2022	ND	2.09	105	2.00	0.796	
Toluene*	<0.050	0.050	02/07/2022	ND	2.07	104	2.00	1.28	
Ethylbenzene*	<0.050	0.050	02/07/2022	ND	2.09	104	2.00	0.326	
Total Xylenes*	<0.150	0.150	02/07/2022	ND	6.45	107	6.00	0.227	
Total BTEX	<0.300	0.300	02/07/2022	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	96.0	16.0	02/07/2022	ND	400	100	400	7.69	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/07/2022	ND	203	101	200	0.377	
DRO >C10-C28*	<10.0	10.0	02/07/2022	ND	200	99.8	200	3.47	
EXT DRO >C28-C36	<10.0	10.0	02/07/2022	ND					

Surrogate: 1-Chlorooctane 75.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 71.0 % 59.5-142

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Analytical Results For:

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

Received:	02/07/2022	Sampling Date:	02/05/2022
Reported:	02/08/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 27 @ 2' (H220443-02)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/07/2022	ND	2.09	105	2.00	0.796		
Toluene*	<0.050	0.050	02/07/2022	ND	2.07	104	2.00	1.28		
Ethylbenzene*	<0.050	0.050	02/07/2022	ND	2.09	104	2.00	0.326		
Total Xylenes*	<0.150	0.150	02/07/2022	ND	6.45	107	6.00	0.227		
Total BTEx	<0.300	0.300	02/07/2022	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	64.0	16.0	02/07/2022	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/07/2022	ND	203	101	200	0.377	
DRO >C10-C28*	<10.0	10.0	02/07/2022	ND	200	99.8	200	3.47	
EXT DRO >C28-C36	<10.0	10.0	02/07/2022	ND					

Surrogate: 1-Chlorooctane 73.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 69.4 % 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:	02/07/2022	Sampling Date:	02/05/2022
Reported:	02/08/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 28 @ 2' (H220443-03)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/07/2022	ND	2.09	105	2.00	0.796		
Toluene*	<0.050	0.050	02/07/2022	ND	2.07	104	2.00	1.28		
Ethylbenzene*	<0.050	0.050	02/07/2022	ND	2.09	104	2.00	0.326		
Total Xylenes*	<0.150	0.150	02/07/2022	ND	6.45	107	6.00	0.227		
Total BTEx	<0.300	0.300	02/07/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/07/2022	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/07/2022	ND	203	101	200	0.377	
DRO >C10-C28*	<10.0	10.0	02/07/2022	ND	200	99.8	200	3.47	
EXT DRO >C28-C36	<10.0	10.0	02/07/2022	ND					

Surrogate: 1-Chlorooctane 81.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 77.2 % 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:	02/07/2022	Sampling Date:	02/05/2022
Reported:	02/08/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 29 @ 2' (H220443-04)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/07/2022	ND	2.09	105	2.00	0.796		
Toluene*	<0.050	0.050	02/07/2022	ND	2.07	104	2.00	1.28		
Ethylbenzene*	<0.050	0.050	02/07/2022	ND	2.09	104	2.00	0.326		
Total Xylenes*	<0.150	0.150	02/07/2022	ND	6.45	107	6.00	0.227		
Total BTEx	<0.300	0.300	02/07/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/07/2022	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/07/2022	ND	203	101	200	0.377	
DRO >C10-C28*	<10.0	10.0	02/07/2022	ND	200	99.8	200	3.47	
EXT DRO >C28-C36	<10.0	10.0	02/07/2022	ND					

Surrogate: 1-Chlorooctane 77.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 74.5 % 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:	02/07/2022	Sampling Date:	02/05/2022
Reported:	02/08/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 30 @ 2' (H220443-05)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/07/2022	ND	2.09	105	2.00	0.796		
Toluene*	<0.050	0.050	02/07/2022	ND	2.07	104	2.00	1.28		
Ethylbenzene*	<0.050	0.050	02/07/2022	ND	2.09	104	2.00	0.326		
Total Xylenes*	<0.150	0.150	02/07/2022	ND	6.45	107	6.00	0.227		
Total BTEx	<0.300	0.300	02/07/2022	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	02/07/2022	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/07/2022	ND	203	101	200	0.377	
DRO >C10-C28*	<10.0	10.0	02/07/2022	ND	200	99.8	200	3.47	
EXT DRO >C28-C36	<10.0	10.0	02/07/2022	ND					

Surrogate: 1-Chlorooctane 79.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 75.9 % 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:	02/07/2022	Sampling Date:	02/05/2022
Reported:	02/08/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 31 @ 2' (H220443-06)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/07/2022	ND	2.05	102	2.00	1.79		
Toluene*	<0.050	0.050	02/07/2022	ND	2.03	101	2.00	2.09		
Ethylbenzene*	<0.050	0.050	02/07/2022	ND	1.97	98.4	2.00	1.36		
Total Xylenes*	<0.150	0.150	02/07/2022	ND	6.13	102	6.00	0.861		
Total BTEx	<0.300	0.300	02/07/2022	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	16.0	16.0	02/07/2022	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/07/2022	ND	222	111	200	2.55	
DRO >C10-C28*	<10.0	10.0	02/07/2022	ND	229	115	200	3.71	
EXT DRO >C28-C36	<10.0	10.0	02/07/2022	ND					

Surrogate: 1-Chlorooctane 95.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.5 % 59.5-142

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Analytical Results For:

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

Received:	02/07/2022	Sampling Date:	02/05/2022
Reported:	02/08/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 32 @ 2' (H220443-07)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/07/2022	ND	2.05	102	2.00	1.79		
Toluene*	<0.050	0.050	02/07/2022	ND	2.03	101	2.00	2.09		
Ethylbenzene*	<0.050	0.050	02/07/2022	ND	1.97	98.4	2.00	1.36		
Total Xylenes*	<0.150	0.150	02/07/2022	ND	6.13	102	6.00	0.861		
Total BTEX	<0.300	0.300	02/07/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/07/2022	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/07/2022	ND	222	111	200	2.55	
DRO >C10-C28*	<10.0	10.0	02/07/2022	ND	229	115	200	3.71	
EXT DRO >C28-C36	<10.0	10.0	02/07/2022	ND					

Surrogate: 1-Chlorooctane 96.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.1 % 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:	02/07/2022	Sampling Date:	02/05/2022
Reported:	02/08/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 33 @ 2' (H220443-08)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/07/2022	ND	2.05	102	2.00	1.79		
Toluene*	<0.050	0.050	02/07/2022	ND	2.03	101	2.00	2.09		
Ethylbenzene*	<0.050	0.050	02/07/2022	ND	1.97	98.4	2.00	1.36		
Total Xylenes*	<0.150	0.150	02/07/2022	ND	6.13	102	6.00	0.861		
Total BTEx	<0.300	0.300	02/07/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/07/2022	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/07/2022	ND	222	111	200	2.55	
DRO >C10-C28*	<10.0	10.0	02/07/2022	ND	229	115	200	3.71	
EXT DRO >C28-C36	<10.0	10.0	02/07/2022	ND					

Surrogate: 1-Chlorooctane 98.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 99.9 % 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:	02/07/2022	Sampling Date:	02/05/2022
Reported:	02/08/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 34 @ 2' (H220443-09)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/07/2022	ND	2.05	102	2.00	1.79	
Toluene*	<0.050	0.050	02/07/2022	ND	2.03	101	2.00	2.09	
Ethylbenzene*	<0.050	0.050	02/07/2022	ND	1.97	98.4	2.00	1.36	
Total Xylenes*	<0.150	0.150	02/07/2022	ND	6.13	102	6.00	0.861	
Total BTX	<0.300	0.300	02/07/2022	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	64.0	16.0	02/07/2022	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/07/2022	ND	222	111	200	2.55	
DRO >C10-C28*	<10.0	10.0	02/07/2022	ND	229	115	200	3.71	
EXT DRO >C28-C36	<10.0	10.0	02/07/2022	ND					

Surrogate: 1-Chlorooctane 97.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.8 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/07/2022	Sampling Date:	02/05/2022
Reported:	02/08/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 35 @ 2' (H220443-10)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/07/2022	ND	2.05	102	2.00	1.79		
Toluene*	<0.050	0.050	02/07/2022	ND	2.03	101	2.00	2.09		
Ethylbenzene*	<0.050	0.050	02/07/2022	ND	1.97	98.4	2.00	1.36		
Total Xylenes*	<0.150	0.150	02/07/2022	ND	6.13	102	6.00	0.861		
Total BTEx	<0.300	0.300	02/07/2022	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	02/07/2022	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	02/07/2022	ND	222	111	200	2.55	
DRO >C10-C28*	<10.0	10.0	02/07/2022	ND	229	115	200	3.71	
EXT DRO >C28-C36	<10.0	10.0	02/07/2022	ND					

Surrogate: 1-Chlorooctane 104 % 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:	02/07/2022	Sampling Date:	02/05/2022
Reported:	02/08/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 36 @ 2' (H220443-11)

BTEx 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/07/2022	ND	2.05	102	2.00	1.79	
Toluene*	<0.050	0.050	02/07/2022	ND	2.03	101	2.00	2.09	
Ethylbenzene*	<0.050	0.050	02/07/2022	ND	1.97	98.4	2.00	1.36	
Total Xylenes*	<0.150	0.150	02/07/2022	ND	6.13	102	6.00	0.861	
Total BTEx	<0.300	0.300	02/07/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/07/2022	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	02/07/2022	ND	222	111	200	2.55	
DRO >C10-C28*	<10.0	10.0	02/07/2022	ND	229	115	200	3.71	
EXT DRO >C28-C36	<10.0	10.0	02/07/2022	ND					

Surrogate: 1-Chlorooctane 107 % 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:	02/07/2022	Sampling Date:	02/05/2022
Reported:	02/08/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 37 @ 2' (H220443-12)

BTEx 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/07/2022	ND	2.05	102	2.00	1.79	
Toluene*	<0.050	0.050	02/07/2022	ND	2.03	101	2.00	2.09	
Ethylbenzene*	<0.050	0.050	02/07/2022	ND	1.97	98.4	2.00	1.36	
Total Xylenes*	<0.150	0.150	02/07/2022	ND	6.13	102	6.00	0.861	
Total BTEx	<0.300	0.300	02/07/2022	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	48.0	16.0	02/07/2022	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	02/07/2022	ND	222	111	200	2.55	
DRO >C10-C28*	<10.0	10.0	02/07/2022	ND	229	115	200	3.71	
EXT DRO >C28-C36	<10.0	10.0	02/07/2022	ND					

Surrogate: 1-Chlorooctane 98.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 100 % 59.5-142

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Analytical Results For:

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

Received:	02/07/2022	Sampling Date:	02/05/2022
Reported:	02/08/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 38 @ 2' (H220443-13)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/07/2022	ND	2.05	102	2.00	1.79		
Toluene*	<0.050	0.050	02/07/2022	ND	2.03	101	2.00	2.09		
Ethylbenzene*	<0.050	0.050	02/07/2022	ND	1.97	98.4	2.00	1.36		
Total Xylenes*	<0.150	0.150	02/07/2022	ND	6.13	102	6.00	0.861		
Total BTEx	<0.300	0.300	02/07/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/07/2022	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	02/07/2022	ND	222	111	200	2.55	
DRO >C10-C28*	<10.0	10.0	02/07/2022	ND	229	115	200	3.71	
EXT DRO >C28-C36	<10.0	10.0	02/07/2022	ND					

Surrogate: 1-Chlorooctane 105 % 66.9-136

Surrogate: 1-Chlorooctadecane 106 % 59.5-142

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Analytical Results For:

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

Received:	02/07/2022	Sampling Date:	02/05/2022
Reported:	02/08/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 39 @ 2' (H220443-14)

BTEx 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/07/2022	ND	2.05	102	2.00	1.79	
Toluene*	<0.050	0.050	02/07/2022	ND	2.03	101	2.00	2.09	
Ethylbenzene*	<0.050	0.050	02/07/2022	ND	1.97	98.4	2.00	1.36	
Total Xylenes*	<0.150	0.150	02/07/2022	ND	6.13	102	6.00	0.861	
Total BTEx	<0.300	0.300	02/07/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/07/2022	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	02/07/2022	ND	222	111	200	2.55	
DRO >C10-C28*	<10.0	10.0	02/07/2022	ND	229	115	200	3.71	
EXT DRO >C28-C36	<10.0	10.0	02/07/2022	ND					

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 102 % 59.5-142

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Analytical Results For:

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

Received:	02/07/2022	Sampling Date:	02/05/2022
Reported:	02/08/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 40 @ 2' (H220443-15)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/07/2022	ND	2.05	102	2.00	1.79		
Toluene*	<0.050	0.050	02/07/2022	ND	2.03	101	2.00	2.09		
Ethylbenzene*	<0.050	0.050	02/07/2022	ND	1.97	98.4	2.00	1.36		
Total Xylenes*	<0.150	0.150	02/07/2022	ND	6.13	102	6.00	0.861		
Total BTEx	<0.300	0.300	02/07/2022	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	48.0	16.0	02/07/2022	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	02/07/2022	ND	222	111	200	2.55	
DRO >C10-C28*	17.7	10.0	02/07/2022	ND	229	115	200	3.71	
EXT DRO >C28-C36	<10.0	10.0	02/07/2022	ND					

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 105 % 59.5-142

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Analytical Results For:

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

Received:	02/07/2022	Sampling Date:	02/05/2022
Reported:	02/08/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 41 @ 2' (H220443-16)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/07/2022	ND	1.92	95.8	2.00	12.5		
Toluene*	<0.050	0.050	02/07/2022	ND	1.98	99.2	2.00	9.16		
Ethylbenzene*	<0.050	0.050	02/07/2022	ND	1.98	99.0	2.00	7.94		
Total Xylenes*	<0.150	0.150	02/07/2022	ND	6.21	104	6.00	7.81		
Total BTX	<0.300	0.300	02/07/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/07/2022	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	02/07/2022	ND	213	106	200	2.51	
DRO >C10-C28*	<10.0	10.0	02/07/2022	ND	235	118	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	02/07/2022	ND					

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 105 % 59.5-142

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Analytical Results For:

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

Received:	02/07/2022	Sampling Date:	02/05/2022
Reported:	02/08/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 42 @ 2' (H220443-17)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/07/2022	ND	1.92	95.8	2.00	12.5		
Toluene*	<0.050	0.050	02/07/2022	ND	1.98	99.2	2.00	9.16		
Ethylbenzene*	<0.050	0.050	02/07/2022	ND	1.98	99.0	2.00	7.94		
Total Xylenes*	<0.150	0.150	02/07/2022	ND	6.21	104	6.00	7.81		
Total BTEx	<0.300	0.300	02/07/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/07/2022	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	02/07/2022	ND	213	106	200	2.51	
DRO >C10-C28*	<10.0	10.0	02/07/2022	ND	235	118	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	02/07/2022	ND					

Surrogate: 1-Chlorooctane 99.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 99.6 % 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:	02/07/2022	Sampling Date:	02/05/2022
Reported:	02/08/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 43 @ 2' (H220443-18)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/07/2022	ND	1.92	95.8	2.00	12.5		
Toluene*	<0.050	0.050	02/07/2022	ND	1.98	99.2	2.00	9.16		
Ethylbenzene*	<0.050	0.050	02/07/2022	ND	1.98	99.0	2.00	7.94		
Total Xylenes*	<0.150	0.150	02/07/2022	ND	6.21	104	6.00	7.81		
Total BTEx	<0.300	0.300	02/07/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/07/2022	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	02/07/2022	ND	213	106	200	2.51	
DRO >C10-C28*	<10.0	10.0	02/07/2022	ND	235	118	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	02/07/2022	ND					

Surrogate: 1-Chlorooctane 92.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.7 % 59.5-142

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	02/07/2022	Sampling Date:	02/05/2022
Reported:	02/08/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 44 @ 2' (H220443-19)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/07/2022	ND	1.92	95.8	2.00	12.5		
Toluene*	<0.050	0.050	02/07/2022	ND	1.98	99.2	2.00	9.16		
Ethylbenzene*	<0.050	0.050	02/07/2022	ND	1.98	99.0	2.00	7.94		
Total Xylenes*	<0.150	0.150	02/07/2022	ND	6.21	104	6.00	7.81		
Total BTEx	<0.300	0.300	02/07/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/07/2022	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	02/07/2022	ND	213	106	200	2.51	
DRO >C10-C28*	<10.0	10.0	02/07/2022	ND	235	118	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	02/07/2022	ND					

Surrogate: 1-Chlorooctane 104 % 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:	02/07/2022	Sampling Date:	02/05/2022
Reported:	02/08/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 45 @ 2' (H220443-20)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/07/2022	ND	1.92	95.8	2.00	12.5		
Toluene*	<0.050	0.050	02/07/2022	ND	1.98	99.2	2.00	9.16		
Ethylbenzene*	<0.050	0.050	02/07/2022	ND	1.98	99.0	2.00	7.94		
Total Xylenes*	<0.150	0.150	02/07/2022	ND	6.21	104	6.00	7.81		
Total BTEx	<0.300	0.300	02/07/2022	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	02/07/2022	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	02/07/2022	ND	213	106	200	2.51	
DRO >C10-C28*	<10.0	10.0	02/07/2022	ND	235	118	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	02/07/2022	ND					

Surrogate: 1-Chlorooctane 92.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.8 % 59.5-142

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>Membourne</u>		BILL TO		ANALYSIS REQUEST																		
Project Manager: <u>Robbie Runnels</u>		P.O. #:																				
Address:		Company: <u>Membourne</u>																				
City: <u>Hobbs</u> State: <u>NM</u> Zip: <u>88240</u>		Attn:																				
Phone #:		Address:																				
Project #:		City:																				
Project Name:		State: Zip:																				
Project Location: <u>Red Hills West unit 001H</u>		Phone #:																				
Sampler Name: <u>Jose Quiselle</u>		Fax #:																				
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING														
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMPS	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME								
<u>H220443</u>																						
<u>11</u>	<u>B36 @ 2'</u>	<u>C</u>	<u>1</u>			<u>1</u>				<u>1</u>			<u>2/5</u>	<u>12:26</u>	<u>1</u>	<u>BT</u>	<u>EX</u>	<u>TPH</u>				
<u>12</u>	<u>B37 @ 2'</u>	<u>C</u>	<u>1</u>			<u>1</u>				<u>1</u>				<u>2:18pm</u>	<u>1</u>	<u>BT</u>	<u>EX</u>	<u>TPH</u>				
<u>13</u>	<u>B38 @ 2'</u>	<u>C</u>	<u>1</u>			<u>1</u>				<u>1</u>				<u>2:20pm</u>	<u>1</u>	<u>BT</u>	<u>EX</u>	<u>TPH</u>				
<u>14</u>	<u>B39 @ 2'</u>	<u>C</u>	<u>1</u>			<u>1</u>				<u>1</u>				<u>2:22pm</u>	<u>1</u>	<u>BT</u>	<u>EX</u>	<u>TPH</u>				
<u>15</u>	<u>B40 @ 2'</u>	<u>C</u>	<u>1</u>			<u>1</u>				<u>1</u>				<u>2:24pm</u>	<u>1</u>	<u>BT</u>	<u>EX</u>	<u>TPH</u>				
<u>16</u>	<u>B41 @ 2'</u>	<u>C</u>	<u>1</u>			<u>1</u>				<u>1</u>				<u>2:26pm</u>	<u>1</u>	<u>BT</u>	<u>EX</u>	<u>TPH</u>				
<u>17</u>	<u>B42 @ 2'</u>	<u>C</u>	<u>1</u>			<u>1</u>				<u>1</u>				<u>2:28pm</u>	<u>1</u>	<u>BT</u>	<u>EX</u>	<u>TPH</u>				
<u>18</u>	<u>B43 @ 2'</u>	<u>C</u>	<u>1</u>			<u>1</u>				<u>1</u>				<u>2:30pm</u>	<u>1</u>	<u>BT</u>	<u>EX</u>	<u>TPH</u>				
<u>19</u>	<u>B44 @ 2'</u>	<u>C</u>	<u>1</u>			<u>1</u>				<u>1</u>				<u>2:32pm</u>	<u>1</u>	<u>BT</u>	<u>EX</u>	<u>TPH</u>				
<u>20</u>	<u>B45 @ 2'</u>	<u>C</u>	<u>1</u>			<u>1</u>				<u>1</u>				<u>2:34pm</u>	<u>1</u>	<u>BT</u>	<u>EX</u>	<u>TPH</u>				

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Relinquished By: <u>Jose Quiselle</u>	Date: <u>2-7-22</u>	Received By: <u>Amara Oldaker</u>	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
	Time: <u>0815</u>		All Results are emailed. Please provide Email address:
Relinquished By:	Date:	Received By:	REMARKS: <u>T-Mol Results - Justin Roberts</u>
	Time:		<u>RUSH</u>
Delivered By: (Circle One)	Observed Temp. °C <u>-7.4</u>	Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>	Turnaround Time: Standard <input type="checkbox"/> Rush <input checked="" type="checkbox"/>
Sampler - UPS - Bus - Other:	Corrected Temp. °C <u>-8.1</u>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No	Bacteria (only) Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/>
		CHECKED BY: (Initials) <u>T.S.</u>	Thermometer ID #113 Correction Factor <u>None</u> <u>-0.5°C</u>
			<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No Corrected Temp. °C

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



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

February 11, 2022

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: RED HILLS WEST #1

Enclosed are the results of analyses for samples received by the laboratory on 02/07/22 16:35.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	02/07/2022	Sampling Date:	02/07/2022
Reported:	02/11/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 46 @ 2' (H220455-01)

BTX 8021B			mg/kg		Analyzed By: MS/				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/09/2022	ND	1.96	98.2	2.00	5.96	
Toluene*	<0.050	0.050	02/09/2022	ND	1.93	96.5	2.00	6.45	
Ethylbenzene*	<0.050	0.050	02/09/2022	ND	1.95	97.3	2.00	6.01	
Total Xylenes*	<0.150	0.150	02/09/2022	ND	6.03	100	6.00	5.50	
Total BTX	<0.300	0.300	02/09/2022	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	02/09/2022	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	02/10/2022	ND	210	105	200	0.0827	
DRO >C10-C28*	<10.0	10.0	02/10/2022	ND	160	80.0	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	02/10/2022	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:	02/07/2022	Sampling Date:	02/07/2022
Reported:	02/11/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 47 @ 2' (H220455-02)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/09/2022	ND	1.96	98.2	2.00	5.96		
Toluene*	<0.050	0.050	02/09/2022	ND	1.93	96.5	2.00	6.45		
Ethylbenzene*	<0.050	0.050	02/09/2022	ND	1.95	97.3	2.00	6.01		
Total Xylenes*	<0.150	0.150	02/09/2022	ND	6.03	100	6.00	5.50		
Total BTEx	<0.300	0.300	02/09/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/09/2022	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	02/10/2022	ND	210	105	200	0.0827	
DRO >C10-C28*	<10.0	10.0	02/10/2022	ND	160	80.0	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	02/10/2022	ND					

Surrogate: 1-Chlorooctane 81.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.9 % 59.5-142

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	02/07/2022	Sampling Date:	02/07/2022
Reported:	02/11/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 48 @ 2' (H220455-03)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/09/2022	ND	1.96	98.2	2.00	5.96		
Toluene*	<0.050	0.050	02/09/2022	ND	1.93	96.5	2.00	6.45		
Ethylbenzene*	<0.050	0.050	02/09/2022	ND	1.95	97.3	2.00	6.01		
Total Xylenes*	<0.150	0.150	02/09/2022	ND	6.03	100	6.00	5.50		
Total BTEX	<0.300	0.300	02/09/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/09/2022	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	02/10/2022	ND	210	105	200	0.0827	
DRO >C10-C28*	<10.0	10.0	02/10/2022	ND	160	80.0	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	02/10/2022	ND					

Surrogate: 1-Chlorooctane 77.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.2 % 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:	02/07/2022	Sampling Date:	02/07/2022
Reported:	02/11/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 49 @ 2' (H220455-04)

BTX 8021B			mg/kg							
			Analyzed By: MS/							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/09/2022	ND	1.96	98.2	2.00	5.96		
Toluene*	<0.050	0.050	02/09/2022	ND	1.93	96.5	2.00	6.45		
Ethylbenzene*	<0.050	0.050	02/09/2022	ND	1.95	97.3	2.00	6.01		
Total Xylenes*	<0.150	0.150	02/09/2022	ND	6.03	100	6.00	5.50		
Total BTX	<0.300	0.300	02/09/2022	ND						

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

Chloride, SM4500CI-B			mg/kg							
			Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/09/2022	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	02/10/2022	ND	210	105	200	0.0827		
DRO >C10-C28*	<10.0	10.0	02/10/2022	ND	160	80.0	200	1.64		
EXT DRO >C28-C36	<10.0	10.0	02/10/2022	ND						

Surrogate: 1-Chlorooctane 101 % 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:	02/07/2022	Sampling Date:	02/07/2022
Reported:	02/11/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 50 @ 2' (H220455-05)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/09/2022	ND	1.96	98.2	2.00	5.96		
Toluene*	<0.050	0.050	02/09/2022	ND	1.93	96.5	2.00	6.45		
Ethylbenzene*	<0.050	0.050	02/09/2022	ND	1.95	97.3	2.00	6.01		
Total Xylenes*	<0.150	0.150	02/09/2022	ND	6.03	100	6.00	5.50		
Total BTEx	<0.300	0.300	02/09/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/09/2022	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	02/10/2022	ND	210	105	200	0.0827	
DRO >C10-C28*	<10.0	10.0	02/10/2022	ND	160	80.0	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	02/10/2022	ND					

Surrogate: 1-Chlorooctane 75.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 82.1 % 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:	02/07/2022	Sampling Date:	02/07/2022
Reported:	02/11/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 51 @ 2' (H220455-06)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/09/2022	ND	1.96	98.2	2.00	5.96		
Toluene*	<0.050	0.050	02/09/2022	ND	1.93	96.5	2.00	6.45		
Ethylbenzene*	<0.050	0.050	02/09/2022	ND	1.95	97.3	2.00	6.01		
Total Xylenes*	<0.150	0.150	02/09/2022	ND	6.03	100	6.00	5.50		
Total BTEx	<0.300	0.300	02/09/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/09/2022	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	02/10/2022	ND	210	105	200	0.0827	
DRO >C10-C28*	<10.0	10.0	02/10/2022	ND	160	80.0	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	02/10/2022	ND					

Surrogate: 1-Chlorooctane 75.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 82.1 % 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:	02/07/2022	Sampling Date:	02/07/2022
Reported:	02/11/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 52 @ 2' (H220455-07)

BTX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/09/2022	ND	1.96	98.2	2.00	5.96		
Toluene*	<0.050	0.050	02/09/2022	ND	1.93	96.5	2.00	6.45		
Ethylbenzene*	<0.050	0.050	02/09/2022	ND	1.95	97.3	2.00	6.01		
Total Xylenes*	<0.150	0.150	02/09/2022	ND	6.03	100	6.00	5.50		
Total BTX	<0.300	0.300	02/09/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/09/2022	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	02/10/2022	ND	210	105	200	0.0827	
DRO >C10-C28*	<10.0	10.0	02/10/2022	ND	160	80.0	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	02/10/2022	ND					

Surrogate: 1-Chlorooctane 89.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.5 % 59.5-142

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Analytical Results For:

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

Received:	02/07/2022	Sampling Date:	02/07/2022
Reported:	02/11/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 53 @ 2' (H220455-08)

BTX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/09/2022	ND	1.96	98.2	2.00	5.96		
Toluene*	<0.050	0.050	02/09/2022	ND	1.93	96.5	2.00	6.45		
Ethylbenzene*	<0.050	0.050	02/09/2022	ND	1.95	97.3	2.00	6.01		
Total Xylenes*	<0.150	0.150	02/09/2022	ND	6.03	100	6.00	5.50		
Total BTX	<0.300	0.300	02/09/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	02/09/2022	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	02/10/2022	ND	210	105	200	0.0827	
DRO >C10-C28*	<10.0	10.0	02/10/2022	ND	160	80.0	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	02/10/2022	ND					

Surrogate: 1-Chlorooctane 83.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.0 % 59.5-142

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Analytical Results For:

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

Received:	02/07/2022	Sampling Date:	02/07/2022
Reported:	02/11/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 54 @ 2' (H220455-09)

BTX 8021B			mg/kg							
			Analyzed By: MS/							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/09/2022	ND	1.96	98.2	2.00	5.96		
Toluene*	<0.050	0.050	02/09/2022	ND	1.93	96.5	2.00	6.45		
Ethylbenzene*	<0.050	0.050	02/09/2022	ND	1.95	97.3	2.00	6.01		
Total Xylenes*	<0.150	0.150	02/09/2022	ND	6.03	100	6.00	5.50		
Total BTX	<0.300	0.300	02/09/2022	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	32.0	16.0	02/09/2022	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	02/10/2022	ND	210	105	200	0.0827		
DRO >C10-C28*	<10.0	10.0	02/10/2022	ND	160	80.0	200	1.64		
EXT DRO >C28-C36	<10.0	10.0	02/10/2022	ND						

Surrogate: 1-Chlorooctane 92.2 % 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:	02/07/2022	Sampling Date:	02/07/2022
Reported:	02/11/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 55 @ 2' (H220455-10)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/09/2022	ND	1.96	98.2	2.00	5.96		
Toluene*	<0.050	0.050	02/09/2022	ND	1.93	96.5	2.00	6.45		
Ethylbenzene*	<0.050	0.050	02/09/2022	ND	1.95	97.3	2.00	6.01		
Total Xylenes*	<0.150	0.150	02/09/2022	ND	6.03	100	6.00	5.50		
Total BTEx	<0.300	0.300	02/09/2022	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	02/09/2022	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	02/10/2022	ND	210	105	200	0.0827	
DRO >C10-C28*	<10.0	10.0	02/10/2022	ND	160	80.0	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	02/10/2022	ND					

Surrogate: 1-Chlorooctane 86.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.3 % 59.5-142

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Analytical Results For:

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

Received:	02/07/2022	Sampling Date:	02/07/2022
Reported:	02/11/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 56 @ 2' (H220455-11)

BTX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/09/2022	ND	1.96	98.2	2.00	5.96		
Toluene*	<0.050	0.050	02/09/2022	ND	1.93	96.5	2.00	6.45		
Ethylbenzene*	<0.050	0.050	02/09/2022	ND	1.95	97.3	2.00	6.01		
Total Xylenes*	<0.150	0.150	02/09/2022	ND	6.03	100	6.00	5.50		
Total BTX	<0.300	0.300	02/09/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/09/2022	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	02/10/2022	ND	210	105	200	0.0827	
DRO >C10-C28*	<10.0	10.0	02/10/2022	ND	160	80.0	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	02/10/2022	ND					

Surrogate: 1-Chlorooctane 92.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 99.0 % 59.5-142

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Notes and Definitions

BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO				ANALYSIS REQUEST																			
Company Name: Diamond Back				P.O. #:																			
Project Manager: Justin R.				Company:																			
Address:				Attn:																			
City: Hobbs State: NM Zip: 88240				Address:																			
Phone #: Fax #:				City:																			
Project #: Project Owner:				State: Zip:																			
Project Name:				Phone #:																			
Project Location: Red Hills West H#1				Fax #:																			
Sampler Name: Joe Desrosier																							
FOR LAB USE ONLY		MATRIX	PRESERV.	SAMPLING																			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	DATE	TIME																			
H220455																							
1 B-46 @2'	C	/	2-7	2:22	X	X	X																
2 B47 @2'	C	/		2:24	X	X	X																
3 B48 @2'	C	/		2:26	X	X	X																
4 B49 @2'	C	/		2:28	X	X	X																
5 B50 @2'	C	/		2:30	X	X	X																
6 B51 @2'	C	/		2:32	X	X	X																
7 B52 @2'	C	/		2:34	X	X	X																
8 B53 @2'	C	/		2:36	X	X	X																
9 B54 @2'	C	/		2:38	X	X	X																
10 B55 @2'	C	/		2:40	X	X	X																
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Relinquished By: [Signature]		Date: 2-7-22	Received By: [Signature]	Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #:
Time: 1635			All Results are emailed. Please provide Email address:	
Relinquished By:		Date:	REMARKS: Justin R / Joe	
Time:		Received By:		
Delivered By: (Circle One)		Observed Temp. °C 3.9	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	CHECKED BY: (Initials) JO.
Sampler - UPS - Bus - Other:		Corrected Temp. °C 3.4	Turnaround Time: Standard Rush <input checked="" type="checkbox"/>	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Corrected Temp. °C
			Thermometer ID #113 Correction Factor -0.5°C	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>Diamond Back</u>		BILL TO		ANALYSIS REQUEST																							
Project Manager: <u>Justin R</u>		P.O. #:																									
Address:		Company:																									
City: <u>Hobbs</u>	State: <u>NM</u> Zip: <u>88240</u>	Attn:																									
Phone #:	Fax #:	Address:																									
Project #:	Project Owner:	City:																									
Project Name:		State: Zip:																									
Project Location: <u>Red Hills just #1</u>		Phone #:																									
Sampler Name: <u>Joe Guevara</u>		Fax #:																									
FOR LAB USE ONLY		MATRIX		PRESERV.		SAMPLING																					
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME													
<u>HZZD455</u>	<u>11 BSL6 @2'</u>	<u>1</u>	<u>1</u>							<u>1</u>			<u>2/7</u>	<u>8:42</u>	<u>X</u>	<u>X</u>	<u>X</u>										

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Relinquished By: <u>[Signature]</u>	Date: <u>2-7-22</u>	Received By: <u>[Signature]</u>	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
Time: <u>1435</u>			All Results are emailed. Please provide Email address:
Relinquished By:	Date:	Received By:	REMARKS: <u>Justin R / Joe</u>
	Time:		
Delivered By: (Circle One)	Observed Temp. °C <u>3.9</u>	Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>	CHECKED BY: (Initials) <u>T.O.</u>
Sampler - UPS - Bus - Other:	Corrected Temp. °C <u>3.4</u>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No	Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>
			Bacteria (only) Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/>
			Thermometer ID #113 Correction Factor -0.5°C
			Observed Temp. °C 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

February 15, 2022

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: RED HILLS WEST #1

Enclosed are the results of analyses for samples received by the laboratory on 02/10/22 16:50.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	02/10/2022	Sampling Date:	02/10/2022
Reported:	02/15/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 56 @ 2' (H220541-01)

BTX 8021B			mg/kg		Analyzed By: MS/				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/12/2022	ND	2.10	105	2.00	2.10	
Toluene*	<0.050	0.050	02/12/2022	ND	2.07	103	2.00	1.84	
Ethylbenzene*	<0.050	0.050	02/12/2022	ND	1.98	99.1	2.00	2.88	
Total Xylenes*	<0.150	0.150	02/12/2022	ND	6.16	103	6.00	2.70	
Total BTX	<0.300	0.300	02/12/2022	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	64.0	16.0	02/14/2022	ND	432	108	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	02/13/2022	ND	213	106	200	4.61	
DRO >C10-C28*	<10.0	10.0	02/13/2022	ND	246	123	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	02/13/2022	ND					

Surrogate: 1-Chlorooctane 113 % 66.9-136

Surrogate: 1-Chlorooctadecane 118 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	02/10/2022	Sampling Date:	02/10/2022
Reported:	02/15/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 57 @ 2' (H220541-02)

BTEx 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/12/2022	ND	2.10	105	2.00	2.10	
Toluene*	<0.050	0.050	02/12/2022	ND	2.07	103	2.00	1.84	
Ethylbenzene*	<0.050	0.050	02/12/2022	ND	1.98	99.1	2.00	2.88	
Total Xylenes*	<0.150	0.150	02/12/2022	ND	6.16	103	6.00	2.70	
Total BTEx	<0.300	0.300	02/12/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/14/2022	ND	432	108	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	02/13/2022	ND	213	106	200	4.61	
DRO >C10-C28*	<10.0	10.0	02/13/2022	ND	246	123	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	02/13/2022	ND					

Surrogate: 1-Chlorooctane 116 % 66.9-136

Surrogate: 1-Chlorooctadecane 120 % 59.5-142

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/10/2022	Sampling Date:	02/10/2022
Reported:	02/15/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 58 @ 2' (H220541-03)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/12/2022	ND	2.10	105	2.00	2.10		
Toluene*	<0.050	0.050	02/12/2022	ND	2.07	103	2.00	1.84		
Ethylbenzene*	<0.050	0.050	02/12/2022	ND	1.98	99.1	2.00	2.88		
Total Xylenes*	<0.150	0.150	02/12/2022	ND	6.16	103	6.00	2.70		
Total BTEx	<0.300	0.300	02/12/2022	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	80.0	16.0	02/14/2022	ND	432	108	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	02/13/2022	ND	213	106	200	4.61	
DRO >C10-C28*	<10.0	10.0	02/13/2022	ND	246	123	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	02/13/2022	ND					

Surrogate: 1-Chlorooctane 116 % 66.9-136

Surrogate: 1-Chlorooctadecane 117 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/10/2022	Sampling Date:	02/10/2022
Reported:	02/15/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 59 @ 2' (H220541-04)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/12/2022	ND	2.10	105	2.00	2.10	
Toluene*	<0.050	0.050	02/12/2022	ND	2.07	103	2.00	1.84	
Ethylbenzene*	<0.050	0.050	02/12/2022	ND	1.98	99.1	2.00	2.88	
Total Xylenes*	<0.150	0.150	02/12/2022	ND	6.16	103	6.00	2.70	
Total BTX	<0.300	0.300	02/12/2022	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	02/14/2022	ND	432	108	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	02/13/2022	ND	213	106	200	4.61	
DRO >C10-C28*	<10.0	10.0	02/13/2022	ND	246	123	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	02/13/2022	ND					

Surrogate: 1-Chlorooctane 118 % 66.9-136

Surrogate: 1-Chlorooctadecane 124 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/10/2022
 Reported: 02/15/2022
 Project Name: RED HILLS WEST #1
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE

Sampling Date: 02/10/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: B 60 @ 2' (H220541-05)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/12/2022	ND	2.10	105	2.00	2.10	
Toluene*	<0.050	0.050	02/12/2022	ND	2.07	103	2.00	1.84	
Ethylbenzene*	<0.050	0.050	02/12/2022	ND	1.98	99.1	2.00	2.88	
Total Xylenes*	<0.150	0.150	02/12/2022	ND	6.16	103	6.00	2.70	
Total BTX	<0.300	0.300	02/12/2022	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	48.0	16.0	02/14/2022	ND	432	108	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	02/13/2022	ND	213	106	200	4.61	
DRO >C10-C28*	<10.0	10.0	02/13/2022	ND	246	123	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	02/13/2022	ND					

Surrogate: 1-Chlorooctane 117 % 66.9-136

Surrogate: 1-Chlorooctadecane 124 % 59.5-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/10/2022	Sampling Date:	02/10/2022
Reported:	02/15/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 61 @ 2' (H220541-06)

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	02/12/2022	ND	2.10	105	2.00	2.10	
Toluene*	<0.050	0.050	02/12/2022	ND	2.07	103	2.00	1.84	
Ethylbenzene*	<0.050	0.050	02/12/2022	ND	1.98	99.1	2.00	2.88	
Total Xylenes*	<0.150	0.150	02/12/2022	ND	6.16	103	6.00	2.70	
Total BTX	<0.300	0.300	02/12/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/14/2022	ND	432	108	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	02/13/2022	ND	213	106	200	4.61	
DRO >C10-C28*	<10.0	10.0	02/13/2022	ND	246	123	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	02/13/2022	ND					

Surrogate: 1-Chlorooctane 112 % 66.9-136

Surrogate: 1-Chlorooctadecane 119 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/10/2022	Sampling Date:	02/10/2022
Reported:	02/15/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 62 @ 2' (H220541-07)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/12/2022	ND	2.10	105	2.00	2.10	
Toluene*	<0.050	0.050	02/12/2022	ND	2.07	103	2.00	1.84	
Ethylbenzene*	<0.050	0.050	02/12/2022	ND	1.98	99.1	2.00	2.88	
Total Xylenes*	<0.150	0.150	02/12/2022	ND	6.16	103	6.00	2.70	
Total BTX	<0.300	0.300	02/12/2022	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	48.0	16.0	02/14/2022	ND	432	108	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	02/13/2022	ND	213	106	200	4.61	
DRO >C10-C28*	<10.0	10.0	02/13/2022	ND	246	123	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	02/13/2022	ND					

Surrogate: 1-Chlorooctane 113 % 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:	02/10/2022	Sampling Date:	02/10/2022
Reported:	02/15/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 63 @ 2' (H220541-08)

BTEX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/12/2022	ND	2.10	105	2.00	2.10		
Toluene*	<0.050	0.050	02/12/2022	ND	2.07	103	2.00	1.84		
Ethylbenzene*	<0.050	0.050	02/12/2022	ND	1.98	99.1	2.00	2.88		
Total Xylenes*	<0.150	0.150	02/12/2022	ND	6.16	103	6.00	2.70		
Total BTEX	<0.300	0.300	02/12/2022	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	80.0	16.0	02/14/2022	ND	432	108	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	02/13/2022	ND	213	106	200	4.61	
DRO >C10-C28*	<10.0	10.0	02/13/2022	ND	246	123	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	02/13/2022	ND					

Surrogate: 1-Chlorooctane 118 % 66.9-136

Surrogate: 1-Chlorooctadecane 126 % 59.5-142

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Analytical Results For:

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

Received:	02/10/2022	Sampling Date:	02/10/2022
Reported:	02/15/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 64 @ 2' (H220541-09)

BTEx 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/12/2022	ND	2.10	105	2.00	2.10	
Toluene*	<0.050	0.050	02/12/2022	ND	2.07	103	2.00	1.84	
Ethylbenzene*	<0.050	0.050	02/12/2022	ND	1.98	99.1	2.00	2.88	
Total Xylenes*	<0.150	0.150	02/12/2022	ND	6.16	103	6.00	2.70	
Total BTEx	<0.300	0.300	02/12/2022	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	02/14/2022	ND	432	108	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	02/13/2022	ND	213	106	200	4.61	
DRO >C10-C28*	<10.0	10.0	02/13/2022	ND	246	123	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	02/13/2022	ND					

Surrogate: 1-Chlorooctane 113 % 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:	02/10/2022	Sampling Date:	02/10/2022
Reported:	02/15/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 65 @ 2' (H220541-10)

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	02/12/2022	ND	2.10	105	2.00	2.10	
Toluene*	<0.050	0.050	02/12/2022	ND	2.07	103	2.00	1.84	
Ethylbenzene*	<0.050	0.050	02/12/2022	ND	1.98	99.1	2.00	2.88	
Total Xylenes*	<0.150	0.150	02/12/2022	ND	6.16	103	6.00	2.70	
Total BTX	<0.300	0.300	02/12/2022	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	02/14/2022	ND	432	108	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	02/13/2022	ND	201	100	200	0.838	
DRO >C10-C28*	<10.0	10.0	02/13/2022	ND	201	101	200	0.457	
EXT DRO >C28-C36	<10.0	10.0	02/13/2022	ND					

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 113 % 59.5-142

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Analytical Results For:

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

Received:	02/10/2022	Sampling Date:	02/10/2022
Reported:	02/15/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 66 @ 2' (H220541-11)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/12/2022	ND	2.10	105	2.00	2.10		
Toluene*	<0.050	0.050	02/12/2022	ND	2.07	103	2.00	1.84		
Ethylbenzene*	<0.050	0.050	02/12/2022	ND	1.98	99.1	2.00	2.88		
Total Xylenes*	<0.150	0.150	02/12/2022	ND	6.16	103	6.00	2.70		
Total BTEx	<0.300	0.300	02/12/2022	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	02/14/2022	ND	432	108	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	02/13/2022	ND	201	100	200	0.838	
DRO >C10-C28*	<10.0	10.0	02/13/2022	ND	201	101	200	0.457	
EXT DRO >C28-C36	<10.0	10.0	02/13/2022	ND					

Surrogate: 1-Chlorooctane 107 % 66.9-136

Surrogate: 1-Chlorooctadecane 120 % 59.5-142

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Analytical Results For:

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

Received:	02/10/2022	Sampling Date:	02/10/2022
Reported:	02/15/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 67 @ 2' (H220541-12)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/12/2022	ND	2.10	105	2.00	2.10		
Toluene*	<0.050	0.050	02/12/2022	ND	2.07	103	2.00	1.84		
Ethylbenzene*	<0.050	0.050	02/12/2022	ND	1.98	99.1	2.00	2.88		
Total Xylenes*	<0.150	0.150	02/12/2022	ND	6.16	103	6.00	2.70		
Total BTEx	<0.300	0.300	02/12/2022	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	02/14/2022	ND	432	108	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	02/13/2022	ND	201	100	200	0.838	
DRO >C10-C28*	<10.0	10.0	02/13/2022	ND	201	101	200	0.457	
EXT DRO >C28-C36	<10.0	10.0	02/13/2022	ND					

Surrogate: 1-Chlorooctane 108 % 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:	02/10/2022	Sampling Date:	02/10/2022
Reported:	02/15/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 68 @ 2' (H220541-13)

BTEX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/12/2022	ND	2.10	105	2.00	2.10		
Toluene*	<0.050	0.050	02/12/2022	ND	2.07	103	2.00	1.84		
Ethylbenzene*	<0.050	0.050	02/12/2022	ND	1.98	99.1	2.00	2.88		
Total Xylenes*	<0.150	0.150	02/12/2022	ND	6.16	103	6.00	2.70		
Total BTEX	<0.300	0.300	02/12/2022	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	96.0	16.0	02/14/2022	ND	432	108	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	02/13/2022	ND	201	100	200	0.838	
DRO >C10-C28*	<10.0	10.0	02/13/2022	ND	201	101	200	0.457	
EXT DRO >C28-C36	<10.0	10.0	02/13/2022	ND					

Surrogate: 1-Chlorooctane 113 % 66.9-136

Surrogate: 1-Chlorooctadecane 127 % 59.5-142

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Analytical Results For:

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

Received:	02/10/2022	Sampling Date:	02/10/2022
Reported:	02/15/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 69 @ 2' (H220541-14)

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	02/12/2022	ND	2.10	105	2.00	2.10	
Toluene*	<0.050	0.050	02/12/2022	ND	2.07	103	2.00	1.84	
Ethylbenzene*	<0.050	0.050	02/12/2022	ND	1.98	99.1	2.00	2.88	
Total Xylenes*	<0.150	0.150	02/12/2022	ND	6.16	103	6.00	2.70	
Total BTX	<0.300	0.300	02/12/2022	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	80.0	16.0	02/14/2022	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	02/13/2022	ND	201	100	200	0.838	
DRO >C10-C28*	<10.0	10.0	02/13/2022	ND	201	101	200	0.457	
EXT DRO >C28-C36	<10.0	10.0	02/13/2022	ND					

Surrogate: 1-Chlorooctane 107 % 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:	02/10/2022	Sampling Date:	02/10/2022
Reported:	02/15/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 70 @ 2' (H220541-15)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/12/2022	ND	2.07	104	2.00	1.76		
Toluene*	<0.050	0.050	02/12/2022	ND	2.05	102	2.00	1.97		
Ethylbenzene*	<0.050	0.050	02/12/2022	ND	1.97	98.7	2.00	1.96		
Total Xylenes*	<0.150	0.150	02/12/2022	ND	6.15	102	6.00	1.43		
Total BTEx	<0.300	0.300	02/12/2022	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	144	16.0	02/14/2022	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	02/13/2022	ND	201	100	200	0.838	
DRO >C10-C28*	<10.0	10.0	02/13/2022	ND	201	101	200	0.457	
EXT DRO >C28-C36	<10.0	10.0	02/13/2022	ND					

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 114 % 59.5-142

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Analytical Results For:

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

Received:	02/10/2022	Sampling Date:	02/10/2022
Reported:	02/15/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 71 @ 1' (H220541-16)

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	02/12/2022	ND	2.07	104	2.00	1.76		
Toluene*	<0.050	0.050	02/12/2022	ND	2.05	102	2.00	1.97		
Ethylbenzene*	<0.050	0.050	02/12/2022	ND	1.97	98.7	2.00	1.96		
Total Xylenes*	<0.150	0.150	02/12/2022	ND	6.15	102	6.00	1.43		
Total BTX	<0.300	0.300	02/12/2022	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	02/14/2022	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	02/13/2022	ND	201	100	200	0.838	
DRO >C10-C28*	<10.0	10.0	02/13/2022	ND	201	101	200	0.457	
EXT DRO >C28-C36	<10.0	10.0	02/13/2022	ND					

Surrogate: 1-Chlorooctane 106 % 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:	02/10/2022	Sampling Date:	02/10/2022
Reported:	02/15/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 72 @ 1' (H220541-17)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/12/2022	ND	2.07	104	2.00	1.76		
Toluene*	<0.050	0.050	02/12/2022	ND	2.05	102	2.00	1.97		
Ethylbenzene*	<0.050	0.050	02/12/2022	ND	1.97	98.7	2.00	1.96		
Total Xylenes*	<0.150	0.150	02/12/2022	ND	6.15	102	6.00	1.43		
Total BTEx	<0.300	0.300	02/12/2022	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	02/14/2022	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	02/13/2022	ND	201	100	200	0.838	
DRO >C10-C28*	<10.0	10.0	02/13/2022	ND	201	101	200	0.457	
EXT DRO >C28-C36	<10.0	10.0	02/13/2022	ND					

Surrogate: 1-Chlorooctane 108 % 66.9-136

Surrogate: 1-Chlorooctadecane 120 % 59.5-142

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Analytical Results For:

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

Received:	02/10/2022	Sampling Date:	02/10/2022
Reported:	02/15/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 73 @ 1' (H220541-18)

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	02/12/2022	ND	2.07	104	2.00	1.76		
Toluene*	<0.050	0.050	02/12/2022	ND	2.05	102	2.00	1.97		
Ethylbenzene*	<0.050	0.050	02/12/2022	ND	1.97	98.7	2.00	1.96		
Total Xylenes*	<0.150	0.150	02/12/2022	ND	6.15	102	6.00	1.43		
Total BTEX	<0.300	0.300	02/12/2022	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	02/14/2022	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	02/13/2022	ND	201	100	200	0.838	
DRO >C10-C28*	<10.0	10.0	02/13/2022	ND	201	101	200	0.457	
EXT DRO >C28-C36	<10.0	10.0	02/13/2022	ND					

Surrogate: 1-Chlorooctane 107 % 66.9-136

Surrogate: 1-Chlorooctadecane 120 % 59.5-142

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Analytical Results For:

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

Received:	02/10/2022	Sampling Date:	02/10/2022
Reported:	02/15/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 74 @ 1' (H220541-19)

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	02/12/2022	ND	2.07	104	2.00	1.76		
Toluene*	<0.050	0.050	02/12/2022	ND	2.05	102	2.00	1.97		
Ethylbenzene*	<0.050	0.050	02/12/2022	ND	1.97	98.7	2.00	1.96		
Total Xylenes*	<0.150	0.150	02/12/2022	ND	6.15	102	6.00	1.43		
Total BTX	<0.300	0.300	02/12/2022	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	128	16.0	02/14/2022	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	02/13/2022	ND	201	100	200	0.838		
DRO >C10-C28*	<10.0	10.0	02/13/2022	ND	201	101	200	0.457		
EXT DRO >C28-C36	<10.0	10.0	02/13/2022	ND						

Surrogate: 1-Chlorooctane 109 % 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:	02/10/2022	Sampling Date:	02/10/2022
Reported:	02/15/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 75 @ 1' (H220541-20)

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	02/12/2022	ND	2.07	104	2.00	1.76		
Toluene*	<0.050	0.050	02/12/2022	ND	2.05	102	2.00	1.97		
Ethylbenzene*	<0.050	0.050	02/12/2022	ND	1.97	98.7	2.00	1.96		
Total Xylenes*	<0.150	0.150	02/12/2022	ND	6.15	102	6.00	1.43		
Total BTEX	<0.300	0.300	02/12/2022	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	112	16.0	02/14/2022	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	02/13/2022	ND	201	100	200	0.838	
DRO >C10-C28*	<10.0	10.0	02/13/2022	ND	201	101	200	0.457	
EXT DRO >C28-C36	<10.0	10.0	02/13/2022	ND					

Surrogate: 1-Chlorooctane 105 % 66.9-136

Surrogate: 1-Chlorooctadecane 116 % 59.5-142

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Analytical Results For:

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

Received:	02/10/2022	Sampling Date:	02/10/2022
Reported:	02/15/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 76 @ 1' (H220541-21)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/12/2022	ND	2.07	104	2.00	1.76		
Toluene*	<0.050	0.050	02/12/2022	ND	2.05	102	2.00	1.97		
Ethylbenzene*	<0.050	0.050	02/12/2022	ND	1.97	98.7	2.00	1.96		
Total Xylenes*	<0.150	0.150	02/12/2022	ND	6.15	102	6.00	1.43		
Total BTEX	<0.300	0.300	02/12/2022	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	48.0	16.0	02/14/2022	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	02/13/2022	ND	201	100	200	0.838	
DRO >C10-C28*	<10.0	10.0	02/13/2022	ND	201	101	200	0.457	
EXT DRO >C28-C36	<10.0	10.0	02/13/2022	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:	02/10/2022	Sampling Date:	02/10/2022
Reported:	02/15/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 77 @ 1' (H220541-22)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/12/2022	ND	2.07	104	2.00	1.76		
Toluene*	<0.050	0.050	02/12/2022	ND	2.05	102	2.00	1.97		
Ethylbenzene*	<0.050	0.050	02/12/2022	ND	1.97	98.7	2.00	1.96		
Total Xylenes*	<0.150	0.150	02/12/2022	ND	6.15	102	6.00	1.43		
Total BTEX	<0.300	0.300	02/12/2022	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	64.0	16.0	02/14/2022	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	02/13/2022	ND	201	100	200	0.838	
DRO >C10-C28*	<10.0	10.0	02/13/2022	ND	201	101	200	0.457	
EXT DRO >C28-C36	<10.0	10.0	02/13/2022	ND					

Surrogate: 1-Chlorooctane 103 % 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:	02/10/2022	Sampling Date:	02/10/2022
Reported:	02/15/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 78 @ 1' (H220541-23)

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	02/12/2022	ND	2.07	104	2.00	1.76		
Toluene*	<0.050	0.050	02/12/2022	ND	2.05	102	2.00	1.97		
Ethylbenzene*	<0.050	0.050	02/12/2022	ND	1.97	98.7	2.00	1.96		
Total Xylenes*	<0.150	0.150	02/12/2022	ND	6.15	102	6.00	1.43		
Total BTEX	<0.300	0.300	02/12/2022	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	128	16.0	02/14/2022	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	02/13/2022	ND	201	100	200	0.838	
DRO >C10-C28*	<10.0	10.0	02/13/2022	ND	201	101	200	0.457	
EXT DRO >C28-C36	<10.0	10.0	02/13/2022	ND					

Surrogate: 1-Chlorooctane 103 % 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:	02/10/2022	Sampling Date:	02/10/2022
Reported:	02/15/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 79 @ 1' (H220541-24)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/12/2022	ND	2.07	104	2.00	1.76	
Toluene*	<0.050	0.050	02/12/2022	ND	2.05	102	2.00	1.97	
Ethylbenzene*	<0.050	0.050	02/12/2022	ND	1.97	98.7	2.00	1.96	
Total Xylenes*	<0.150	0.150	02/12/2022	ND	6.15	102	6.00	1.43	
Total BTX	<0.300	0.300	02/12/2022	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	02/14/2022	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	02/13/2022	ND	201	100	200	0.838	
DRO >C10-C28*	<10.0	10.0	02/13/2022	ND	201	101	200	0.457	
EXT DRO >C28-C36	<10.0	10.0	02/13/2022	ND					

Surrogate: 1-Chlorooctane 106 % 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:	02/10/2022	Sampling Date:	02/10/2022
Reported:	02/15/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 80 @ 1' (H220541-25)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/12/2022	ND	2.07	104	2.00	1.76		
Toluene*	<0.050	0.050	02/12/2022	ND	2.05	102	2.00	1.97		
Ethylbenzene*	<0.050	0.050	02/12/2022	ND	1.97	98.7	2.00	1.96		
Total Xylenes*	<0.150	0.150	02/12/2022	ND	6.15	102	6.00	1.43		
Total BTEX	<0.300	0.300	02/12/2022	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	128	16.0	02/14/2022	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	02/13/2022	ND	201	100	200	0.838	
DRO >C10-C28*	<10.0	10.0	02/13/2022	ND	201	101	200	0.457	
EXT DRO >C28-C36	<10.0	10.0	02/13/2022	ND					

Surrogate: 1-Chlorooctane 101 % 66.9-136

Surrogate: 1-Chlorooctadecane 110 % 59.5-142

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Analytical Results For:

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

Received:	02/10/2022	Sampling Date:	02/10/2022
Reported:	02/15/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 81 @ 2' (H220541-26)

BTX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/12/2022	ND	2.07	104	2.00	1.76		
Toluene*	<0.050	0.050	02/12/2022	ND	2.05	102	2.00	1.97		
Ethylbenzene*	<0.050	0.050	02/12/2022	ND	1.97	98.7	2.00	1.96		
Total Xylenes*	<0.150	0.150	02/12/2022	ND	6.15	102	6.00	1.43		
Total BTX	<0.300	0.300	02/12/2022	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	02/14/2022	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	02/13/2022	ND	201	100	200	0.838	
DRO >C10-C28*	<10.0	10.0	02/13/2022	ND	201	101	200	0.457	
EXT DRO >C28-C36	<10.0	10.0	02/13/2022	ND					

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 114 % 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:	02/10/2022	Sampling Date:	02/10/2022
Reported:	02/15/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 82 @ 2' (H220541-27)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/12/2022	ND	2.07	104	2.00	1.76		
Toluene*	<0.050	0.050	02/12/2022	ND	2.05	102	2.00	1.97		
Ethylbenzene*	<0.050	0.050	02/12/2022	ND	1.97	98.7	2.00	1.96		
Total Xylenes*	<0.150	0.150	02/12/2022	ND	6.15	102	6.00	1.43		
Total BTEX	<0.300	0.300	02/12/2022	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	80.0	16.0	02/14/2022	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	02/13/2022	ND	201	100	200	0.838	
DRO >C10-C28*	<10.0	10.0	02/13/2022	ND	201	101	200	0.457	
EXT DRO >C28-C36	<10.0	10.0	02/13/2022	ND					

Surrogate: 1-Chlorooctane 105 % 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:	02/10/2022	Sampling Date:	02/10/2022
Reported:	02/15/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 83 @ 2' (H220541-28)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/12/2022	ND	2.07	104	2.00	1.76		
Toluene*	<0.050	0.050	02/12/2022	ND	2.05	102	2.00	1.97		
Ethylbenzene*	<0.050	0.050	02/12/2022	ND	1.97	98.7	2.00	1.96		
Total Xylenes*	<0.150	0.150	02/12/2022	ND	6.15	102	6.00	1.43		
Total BTEX	<0.300	0.300	02/12/2022	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	02/14/2022	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	02/13/2022	ND	201	100	200	0.838	
DRO >C10-C28*	<10.0	10.0	02/13/2022	ND	201	101	200	0.457	
EXT DRO >C28-C36	<10.0	10.0	02/13/2022	ND					

Surrogate: 1-Chlorooctane 105 % 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:	02/10/2022	Sampling Date:	02/10/2022
Reported:	02/15/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 84 @ 2' (H220541-29)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/12/2022	ND	2.07	104	2.00	1.76		
Toluene*	<0.050	0.050	02/12/2022	ND	2.05	102	2.00	1.97		
Ethylbenzene*	<0.050	0.050	02/12/2022	ND	1.97	98.7	2.00	1.96		
Total Xylenes*	<0.150	0.150	02/12/2022	ND	6.15	102	6.00	1.43		
Total BTEX	<0.300	0.300	02/12/2022	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	160	16.0	02/14/2022	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	02/13/2022	ND	201	100	200	0.838	
DRO >C10-C28*	<10.0	10.0	02/13/2022	ND	201	101	200	0.457	
EXT DRO >C28-C36	<10.0	10.0	02/13/2022	ND					

Surrogate: 1-Chlorooctane 106 % 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:	02/10/2022	Sampling Date:	02/10/2022
Reported:	02/15/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 85 @ 2' (H220541-30)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/12/2022	ND	2.07	104	2.00	1.76		
Toluene*	<0.050	0.050	02/12/2022	ND	2.05	102	2.00	1.97		
Ethylbenzene*	<0.050	0.050	02/12/2022	ND	1.97	98.7	2.00	1.96		
Total Xylenes*	<0.150	0.150	02/12/2022	ND	6.15	102	6.00	1.43		
Total BTEX	<0.300	0.300	02/12/2022	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	02/14/2022	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	02/14/2022	ND	192	96.0	200	3.13	
DRO >C10-C28*	<10.0	10.0	02/14/2022	ND	197	98.6	200	3.00	
EXT DRO >C28-C36	<10.0	10.0	02/14/2022	ND					

Surrogate: 1-Chlorooctane 108 % 66.9-136

Surrogate: 1-Chlorooctadecane 121 % 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:	02/10/2022	Sampling Date:	02/10/2022
Reported:	02/15/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 86 @ 2' (H220541-31)

BTEx 8021B			mg/kg							
			Analyzed By: MS/							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/12/2022	ND	2.07	104	2.00	1.76		
Toluene*	<0.050	0.050	02/12/2022	ND	2.05	102	2.00	1.97		
Ethylbenzene*	<0.050	0.050	02/12/2022	ND	1.97	98.7	2.00	1.96		
Total Xylenes*	<0.150	0.150	02/12/2022	ND	6.15	102	6.00	1.43		
Total BTEX	<0.300	0.300	02/12/2022	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	160	16.0	02/14/2022	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	02/14/2022	ND	192	96.0	200	3.13		
DRO >C10-C28*	<10.0	10.0	02/14/2022	ND	197	98.6	200	3.00		
EXT DRO >C28-C36	<10.0	10.0	02/14/2022	ND						

Surrogate: 1-Chlorooctane 108 % 66.9-136

Surrogate: 1-Chlorooctadecane 121 % 59.5-142

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Analytical Results For:

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

Received:	02/10/2022	Sampling Date:	02/10/2022
Reported:	02/15/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 87 @ 2' (H220541-32)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/12/2022	ND	2.07	104	2.00	1.76		
Toluene*	<0.050	0.050	02/12/2022	ND	2.05	102	2.00	1.97		
Ethylbenzene*	<0.050	0.050	02/12/2022	ND	1.97	98.7	2.00	1.96		
Total Xylenes*	<0.150	0.150	02/12/2022	ND	6.15	102	6.00	1.43		
Total BTEx	<0.300	0.300	02/12/2022	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	176	16.0	02/14/2022	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	02/14/2022	ND	192	96.0	200	3.13	
DRO >C10-C28*	<10.0	10.0	02/14/2022	ND	197	98.6	200	3.00	
EXT DRO >C28-C36	<10.0	10.0	02/14/2022	ND					

Surrogate: 1-Chlorooctane 106 % 66.9-136

Surrogate: 1-Chlorooctadecane 117 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/10/2022	Sampling Date:	02/10/2022
Reported:	02/15/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 88 @ 2' (H220541-33)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/12/2022	ND	2.07	104	2.00	1.76		
Toluene*	<0.050	0.050	02/12/2022	ND	2.05	102	2.00	1.97		
Ethylbenzene*	<0.050	0.050	02/12/2022	ND	1.97	98.7	2.00	1.96		
Total Xylenes*	<0.150	0.150	02/12/2022	ND	6.15	102	6.00	1.43		
Total BTEx	<0.300	0.300	02/12/2022	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	64.0	16.0	02/14/2022	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	02/14/2022	ND	192	96.0	200	3.13	
DRO >C10-C28*	<10.0	10.0	02/14/2022	ND	197	98.6	200	3.00	
EXT DRO >C28-C36	<10.0	10.0	02/14/2022	ND					

Surrogate: 1-Chlorooctane 107 % 66.9-136

Surrogate: 1-Chlorooctadecane 119 % 59.5-142

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Analytical Results For:

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

Received:	02/10/2022	Sampling Date:	02/10/2022
Reported:	02/15/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 89 @ 2' (H220541-34)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/12/2022	ND	2.07	104	2.00	1.76	
Toluene*	<0.050	0.050	02/12/2022	ND	2.05	102	2.00	1.97	
Ethylbenzene*	<0.050	0.050	02/12/2022	ND	1.97	98.7	2.00	1.96	
Total Xylenes*	<0.150	0.150	02/12/2022	ND	6.15	102	6.00	1.43	
Total BTX	<0.300	0.300	02/12/2022	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	160	16.0	02/14/2022	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	02/14/2022	ND	192	96.0	200	3.13	
DRO >C10-C28*	<10.0	10.0	02/14/2022	ND	197	98.6	200	3.00	
EXT DRO >C28-C36	<10.0	10.0	02/14/2022	ND					

Surrogate: 1-Chlorooctane 101 % 66.9-136

Surrogate: 1-Chlorooctadecane 111 % 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:	02/10/2022	Sampling Date:	02/10/2022
Reported:	02/15/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 90 @ 2' (H220541-35)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/12/2022	ND	2.11	105	2.00	2.41	
Toluene*	<0.050	0.050	02/12/2022	ND	2.08	104	2.00	2.95	
Ethylbenzene*	<0.050	0.050	02/12/2022	ND	2.08	104	2.00	2.87	
Total Xylenes*	<0.150	0.150	02/12/2022	ND	6.50	108	6.00	2.74	
Total BTEX	<0.300	0.300	02/12/2022	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	02/14/2022	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	02/14/2022	ND	192	96.0	200	3.13	
DRO >C10-C28*	<10.0	10.0	02/14/2022	ND	197	98.6	200	3.00	
EXT DRO >C28-C36	<10.0	10.0	02/14/2022	ND					

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 114 % 59.5-142

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Analytical Results For:

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

Received:	02/10/2022	Sampling Date:	02/10/2022
Reported:	02/15/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 91 @ 2' (H220541-36)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/12/2022	ND	2.11	105	2.00	2.41	
Toluene*	<0.050	0.050	02/12/2022	ND	2.08	104	2.00	2.95	
Ethylbenzene*	<0.050	0.050	02/12/2022	ND	2.08	104	2.00	2.87	
Total Xylenes*	<0.150	0.150	02/12/2022	ND	6.50	108	6.00	2.74	
Total BTEX	<0.300	0.300	02/12/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/14/2022	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	02/14/2022	ND	192	96.0	200	3.13	
DRO >C10-C28*	<10.0	10.0	02/14/2022	ND	197	98.6	200	3.00	
EXT DRO >C28-C36	<10.0	10.0	02/14/2022	ND					

Surrogate: 1-Chlorooctane 108 % 66.9-136

Surrogate: 1-Chlorooctadecane 120 % 59.5-142

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Analytical Results For:

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

Received:	02/10/2022	Sampling Date:	02/10/2022
Reported:	02/15/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 92 @ 2' (H220541-37)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/12/2022	ND	2.11	105	2.00	2.41		
Toluene*	<0.050	0.050	02/12/2022	ND	2.08	104	2.00	2.95		
Ethylbenzene*	<0.050	0.050	02/12/2022	ND	2.08	104	2.00	2.87		
Total Xylenes*	<0.150	0.150	02/12/2022	ND	6.50	108	6.00	2.74		
Total BTEX	<0.300	0.300	02/12/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	02/14/2022	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	02/14/2022	ND	192	96.0	200	3.13	
DRO >C10-C28*	<10.0	10.0	02/14/2022	ND	197	98.6	200	3.00	
EXT DRO >C28-C36	<10.0	10.0	02/14/2022	ND					

Surrogate: 1-Chlorooctane 112 % 66.9-136

Surrogate: 1-Chlorooctadecane 124 % 59.5-142

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Analytical Results For:

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

Received:	02/10/2022	Sampling Date:	02/10/2022
Reported:	02/15/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 93 @ 2' (H220541-38)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/12/2022	ND	2.11	105	2.00	2.41		
Toluene*	<0.050	0.050	02/12/2022	ND	2.08	104	2.00	2.95		
Ethylbenzene*	<0.050	0.050	02/12/2022	ND	2.08	104	2.00	2.87		
Total Xylenes*	<0.150	0.150	02/12/2022	ND	6.50	108	6.00	2.74		
Total BTEx	<0.300	0.300	02/12/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	02/14/2022	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	02/14/2022	ND	192	96.0	200	3.13	
DRO >C10-C28*	<10.0	10.0	02/14/2022	ND	197	98.6	200	3.00	
EXT DRO >C28-C36	<10.0	10.0	02/14/2022	ND					

Surrogate: 1-Chlorooctane 109 % 66.9-136

Surrogate: 1-Chlorooctadecane 120 % 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:	02/10/2022	Sampling Date:	02/10/2022
Reported:	02/15/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 94 @ 2' (H220541-39)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/12/2022	ND	2.11	105	2.00	2.41		
Toluene*	<0.050	0.050	02/12/2022	ND	2.08	104	2.00	2.95		
Ethylbenzene*	<0.050	0.050	02/12/2022	ND	2.08	104	2.00	2.87		
Total Xylenes*	<0.150	0.150	02/12/2022	ND	6.50	108	6.00	2.74		
Total BTEx	<0.300	0.300	02/12/2022	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	80.0	16.0	02/14/2022	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	02/14/2022	ND	192	96.0	200	3.13	
DRO >C10-C28*	<10.0	10.0	02/14/2022	ND	197	98.6	200	3.00	
EXT DRO >C28-C36	<10.0	10.0	02/14/2022	ND					

Surrogate: 1-Chlorooctane 108 % 66.9-136

Surrogate: 1-Chlorooctadecane 120 % 59.5-142

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Analytical Results For:

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

Received:	02/10/2022	Sampling Date:	02/10/2022
Reported:	02/15/2022	Sampling Type:	Soil
Project Name:	RED HILLS WEST #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: B 95 @ 2' (H220541-40)

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	02/12/2022	ND	2.11	105	2.00	2.41	
Toluene*	<0.050	0.050	02/12/2022	ND	2.08	104	2.00	2.95	
Ethylbenzene*	<0.050	0.050	02/12/2022	ND	2.08	104	2.00	2.87	
Total Xylenes*	<0.150	0.150	02/12/2022	ND	6.50	108	6.00	2.74	
Total BTX	<0.300	0.300	02/12/2022	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	128	16.0	02/14/2022	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	02/14/2022	ND	192	96.0	200	3.13	
DRO >C10-C28*	<10.0	10.0	02/14/2022	ND	197	98.6	200	3.00	
EXT DRO >C28-C36	<10.0	10.0	02/14/2022	ND					

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 104 % 59.5-142

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(575) 393-2326 FAX (575) 393-2476				BILL TO				ANALYSIS REQUEST																																			
Company Name: <u>Diamond Buckle</u>				P.O. #:																																							
Project Manager: <u>Justin R.</u>				Company:																																							
Address:				Attn:																																							
City: <u>Hollos</u> State: <u>NU</u> Zip: <u>88240</u>				Address:																																							
Phone #: Fax #:				City:																																							
Project #: Project Owner:				State: Zip:																																							
Project Name:				Phone #:																																							
Project Location: <u>Red Hills West #1</u>				Fax #:																																							
Sampler Name: <u>Joe Crussler (son of)</u>																																											
FOR LAB USE ONLY																																											
Lab I.D.		Sample I.D.		MATRIX		PRESERV.		SAMPLING																																			
				GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE		ICE / COOL		OTHER :		DATE		TIME																			
				(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE		ICE / COOL		OTHER :		DATE		TIME															
H220541				C		1																																					
1 B56 @2'				C		1																																					
2 B57 @2'				C		1																																					
3 B58 @2'				C		1																																					
4 B59 @2'				C		1																																					
5 B60 @2'				C		1																																					
6 B61 @2'				C		1																																					
7 B62 @2'				C		1																																					
8 B63 @2'				C		1																																					
9 B64 @2'				C		1																																					
10 B65 @2'				C		1																																					
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Relinquished By: <u>Joe Crussler</u>				Date: <u>2-10</u>				Received By: <u>Samara Aldridge</u>				Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: <u>Justin R / Joe</u>				All Results are emailed. Please provide Email address:																											
Relinquished By:				Date: <u>7-6-50</u>				Received By:				REMARKS:																															
Delivered By: (Circle One)				Observed Temp. °C <u>2.9</u>				Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No				CHECKED BY: (Initials) <u>JO</u>				Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>				Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No				Observed Temp. °C																			
Sampler - UPS - Bus - Other:				Corrected Temp. °C <u>2.4</u>				Thermometer ID #113 Correction Factor -0.5°C				Corrected Temp. °C																															



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>Diamond Back</u>		BILL TO		ANALYSIS REQUEST																					
Project Manager: <u>Justin Roberts</u>		P.O. #:																							
Address:		Company:																							
City: <u>Hobbs</u> State: <u>NM</u> Zip: <u>88240</u>		Attn:																							
Phone #: Fax #:		Address:																							
Project #: Project Owner:		City:																							
Project Name: <u>Red Hills West #1</u>		State: Zip:																							
Project Location:		Phone #:																							
Sampler Name: <u>Joe Quesada, Jason Owsley</u>		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 PH	BTEX							
	<u>H220542</u>	<u>TO 2/10/22</u>					1					1		2-10-22	11:28	X	X	X							
	11	B66 @ 2'													11:30										
	12	B67 @ 2'													11:32										
	13	B68 @ 2'													11:34										
	14	B69 @ 2'													11:36										
	15	B70 @ 2'													12:50										
	16	B71 @ 1'													12:52										
	17	B72 @ 1'													12:54										
	18	B73 @ 1'													12:56										
	19	B74 @ 1'													12:58										
	20	B85 @ 1'																							

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Relinquished By: <u>[Signature]</u>	Date: <u>2-10-22</u>	Received By: <u>[Signature]</u>	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
Relinquished By:	Date:	Received By:	All Results are emailed. Please provide Email address:
	Time:		<u>Justin R / Joe</u>
			REMARKS:
Delivered By: (Circle One)	Observed Temp. °C <u>2.9</u>	Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>	Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>
Sampler - UPS - Bus - Other:	Corrected Temp. °C <u>2.4</u>	Checked By: (Initials) <u>JO</u>	Bacteria (only) Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/> Observed Temp. °C
			Thermometer ID #113 Correction Factor -0.5°C
			Corrected Temp. °C

FORM-006 R 3.2 10/07/21

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>PA Diamond Back</u>		BILL TO		ANALYSIS REQUEST																					
Project Manager: <u>Justin R.</u>		P.O. #:																							
Address:		Company:																							
City: <u>Hobbs</u> State: <u>NM</u> Zip: <u>88240</u>		Attn:																							
Phone #: Fax #:		Address:																							
Project #: Project Owner:		City:																							
Project Name:		State: Zip:																							
Project Location: <u>Red Hills west #1</u>		Phone #:																							
Sampler Name: <u>Joe Keene Jr</u>		Fax #:																							
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING																	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME											
<u>H220541</u>	<u>T0 2/10/22</u>	<u>C</u>	<u>1</u>			<u>/</u>				<u>/</u>			<u>2-10</u>	<u>1:00</u>	<u>X</u>	<u>X</u>	<u>X</u>								
<u>21</u>	<u>B76 @1'</u>													<u>1:02</u>											
<u>22</u>	<u>B77 @1'</u>													<u>1:04</u>											
<u>23</u>	<u>B78 @1'</u>													<u>1:06</u>											
<u>24</u>	<u>B79 @1'</u>													<u>1:08</u>											
<u>25</u>	<u>B80 @1'</u>													<u>2:32</u>											
<u>26</u>	<u>B81 @2'</u>													<u>2:34</u>											
<u>27</u>	<u>B82 @2'</u>													<u>2:36</u>											
<u>28</u>	<u>B83 @2'</u>													<u>2:38</u>											
<u>29</u>	<u>B84 @2'</u>													<u>2:40</u>											
<u>30</u>	<u>B85 @2'</u>																								

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Relinquished By: <u>Joe Keene Jr</u>		Date: <u>2-10</u>	Received By: <u>Samara Aldabek</u>		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
Time: <u>1650</u>		Time: <u>1650</u>		All Results are emailed. Please provide Email address:		
Relinquished By:		Date:	Received By:		REMARKS:	
Time:						
Delivered By: (Circle One)		Observed Temp. °C <u>2.9</u>	Sample Condition		CHECKED BY: (Initials) <u>JO</u>	
Sampler - UPS - Bus - Other:		Corrected Temp. °C <u>2.4</u>	Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Turnaround Time: <u>Standard</u> <input checked="" type="checkbox"/> Rush	
			<input type="checkbox"/> Yes <input type="checkbox"/> No		Bacteria (only) Sample Condition Cool Intact Observed Temp. °C	
			<input type="checkbox"/> Yes <input type="checkbox"/> No		Thermometer ID #113 Correction Factor -0.5°C	
			<input type="checkbox"/> No <input type="checkbox"/> No		Corrected Temp. °C	

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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 99219

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 99219
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved. Going forward, please list analytes tested on top row of table.	5/18/2022