

Incident ID	NAPP2131359766
District RP	
Facility ID	
Application ID	

Closure

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

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

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

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

Printed Name: Connor Walker Title: Sr. Engineer

Signature:  Date: 5/10/2022

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

OCD Only

Received by: Robert Hamlet Date: 6/15/2022

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

Closure Approved by: Robert Hamlet Date: 6/15/2022

Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced

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

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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)	nAPP2131359766
Contact mailing address	4801 Business Park Blvd, Hobbs, NM 88240		

Location of Release Source

Latitude 32.309284 _____ Longitude -103.886030 _____
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Forty Niner Ridge Unit #104H Gas Line	Site Type	Pipeline
Date Release Discovered	10/26/2021	API# (if applicable)	30-015-42707

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

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

Nature and Volume of Release

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

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input checked="" type="checkbox"/> Condensate	Volume Released (bbls) 20	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Natural Gas	Volume Released (Mcf) 194.5 avg (12 days)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release


A natural gas pipeline developed a hole. According to production data, the leak happened over a period of 12 days releasing a total of 2334 mcf.

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Was this a major release as defined by 19.15.29.7(A) NMAC? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

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>10/28/2021</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?

<50' (high karst)
(ft bgs)

Did this release impact groundwater or surface water?

☐ Yes ☒ No

Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?

☐ Yes ☒ No

Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?

☐ Yes ☒ No

Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?

☐ Yes ☒ No

Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?

☐ Yes ☒ No

Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?

☐ Yes ☒ No

Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?

☐ Yes ☒ No

Are the lateral extents of the release within 300 feet of a wetland?

☐ Yes ☒ No

Are the lateral extents of the release overlying a subsurface mine?

☐ Yes ☒ No

Are the lateral extents of the release overlying an unstable area such as karst geology?

☒ Yes ☐ No

Are the lateral extents of the release within a 100-year floodplain?

☐ Yes ☒ No

Did the release impact areas **not** on an exploration, development, production, or storage site?

☒ Yes ☐ No

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

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

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☒ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ 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: 5/10/2022email: cwalker@mewbourne.com Telephone: 806-202-5281**OCD Only**

Received by: _____ Date: _____

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Printed Name: Connor Walker Title: Sr. Engineer

Signature:  Date: 5/10/2022

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

OCD Only

Received by: _____ Date: _____

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Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

**Mewbourne Oil Co.
Forty Niner Ridge Unit #104H Gas Line
NAPP2131359766**

Final Remediation Report

Introduction

This report presents the results of remediation activities of Forty Niner Ridge Unit #104H Gas Line. On behalf of Mewbourne Oil Company (Mewbourne).

Diamondback Disposal Services, Inc. (Diamondback) was tasked with the cleanup and remediation of release NAPP2131359766. The release occurred in unit Letter B, Section 16, Township 23S range 30E at coordinates 32.309284, -103.886030. 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 on State lease land, consisting of grass, prairie, or range lands. The Release occurred in a Natural Gas Pipeline on state land. Approximately 20 barrels of condensate was released with nothing recovered. Approximately 2334Mcf of natural gas was lost over a 12day period with no recovery. A natural gas pipeline developed a hole and leaked 194.5Mcf per day.

Regulatory Guidelines

Upon review of the site characteristics and a search of a groundwater database maintained by The New Mexico Office of the stater Engineer (NMOSE), a survey was conducted to determine the average depth to groundwater within a 1-mile radius and identify any registered water wells within a ½ mile radius of the release site. The only identified wells were lacking any depth data. Therefore Table 1 Closure Criteria for ground water depth of less that 50 feet will be utilized. The Recommended Remediation Action Levels (RRAL) determined by the latest NMOCD guidelines (19.15.29 NMAC) are as follows: 600mg/kg Chloride, 100mg/kg GRO+DRO+MRO, 50mg/kg BTEX, 10mg/kg Benzene.

Remediation activities

Between the dates of January 20, 2022, and April 13, 2022, Diamondback excavated approximately 1528 cubic yards (cy) of impacted material, loaded, and transported to the R-360 Halfway Facility for disposal. Depth of excavation ranges from 2-feet BGS to 5-feet BGS. Between February 15, 2022, and February 22, 2022, the site was sampled to determine if RRAL's had been met. Five-point composite samples were collected every 200 square feet of side walls and 200 square feet of floor area, packaged and delivered to a third-party lab, with chain of custody for testing as per regulatory standards. (See attached analytical results)

Upon review of the analytical data, all wall samples prove to be below Table 1 RRAL's for site closure. At the location where the floor sample exceeded 100mg/kg GRO+DRO+MRO (NMOCD Table 1 Closure Criteria for <50' groundwater), this area was over excavated and resampled. Being that Table 1 Closure Criteria for groundwater <50' BGS was utilized, all restoration and reclamation limits have been met.

ON April 13, 2022, backfilling began and ran thru April 15, 2022. Approximately 1464cy of material was obtained from private source. Backfill was placed in a manner that will promote compaction and storm water run-off and allow for vegetation to grow. The affected area will be reseeded during the next optimal time conducive to growth, with an approved state seed mix.

Conclusions

Upon review of all analytical data provided by the third-party independent lab, results indicate that all recommended remediation action levels and restoration/reclamation criteria were met for all excavated areas. On behalf of Mewbourne Oil Company, we respectfully request the NMOCD grant closure approval for the Forty Niner Ridge Unit #104H Gas Line Release.

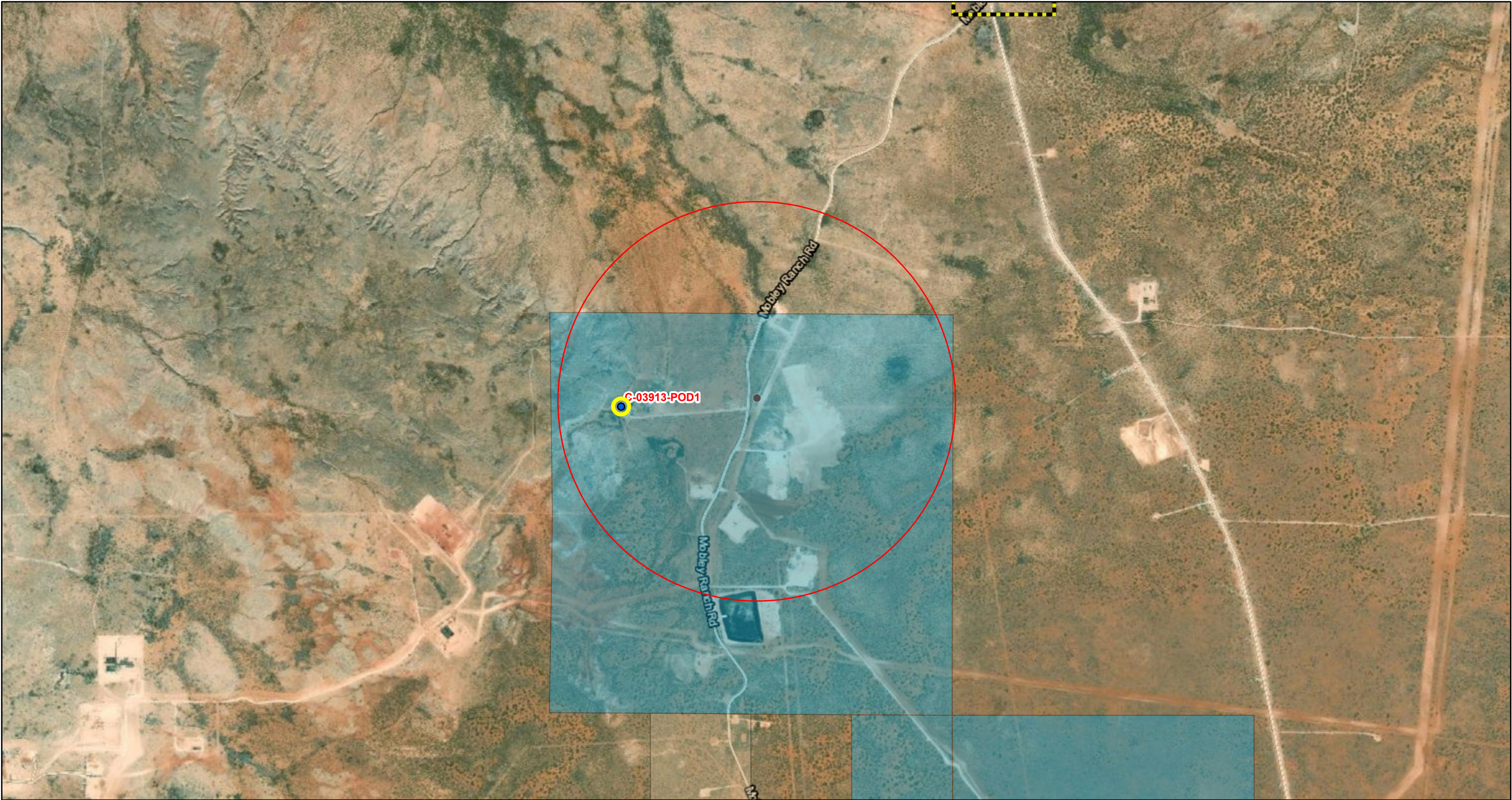
TABLE 1
MEWBORNE OIL COMPANY
FORTY NINER RIDGE UNIT #104H

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
	SAMPLE LOCATION	LAB ID NUMBER	SAMPLE DEPTH	SAMPLE DATE	SAMPLE TYPE	BENZENE	TOLUENE mg/ kg	ETHYL-BENZEN (mg/ kg)	TOTAL XYLENES mg/kg	TOTAL BTEX (mg/kg)	GRO C 6-C 10 (mg/kg)	DRO C 6-C 10 (mg/kg)	EXT DRO C 28- C36 (mg/kg)	TPH C6-C36 (mg/kg)	CHLORIDE (mg/kg)
1															
2	W-1 WALL	H220590-01	0-2'	2-15-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
3	W- 2 WALL	H220590-02	0-2'	2-15-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96.0
4	W- 3 WALL	H220590-03	0-2'	2-15-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
5	W -4 WALL	H220590-04	0-2'	2-15-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	210	21.1	231.0	224
5	W -4 WALL	H220686-02	0-2'	2-22-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
6	W- 5 WALL	H220590-05	0-3'	2-15-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	66.0	66.0	160
7	W- 6 WALL	H220590-06	0-3'	2-15-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	51.1	<10.0	51.1	608
7	W- 6 WALL	H220686-03	0-3'	2-22-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	272
8	W- 7 WALL	H220590-07	0-3'	2-15-22	COMP	<0.050	<0.050	<0.050	0.318	0.318	10.5	11.7	<10.0	22.2	368
9	W- 8 WALL	H220590-08	0-3'	2-15-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
10	W- 9 WALL	H220590-09	0-4'	2-15-22	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	H220590-10	0-4'	2-15-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
12	W- 11 WALL	H220590-11	0-4'	2-15-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
13	W- 12 WALL	H220590-12	0-4'	2-15-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
14	W- 13 WALL	H220590-13	0-4'	2-15-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
15	W- 14 WALL	H220615-01	0-4'	2-16-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
16	W- 15 WALL	H220615-02	0-4'	2-16-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64.0
17	W- 16 WALL	H220615-03	0-4'	2-16-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
18	W- 17 WALL	H220615-04	0-4'	2-16-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
19	B- 1 FLOOR	H220591-01	2'	2-15-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	106	<10.0	106	32.0
19	B- 1 FLOOR	H220686-01	3'	2-22-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
20	B- 2 FLOOR	H220591-02	2'	2-15-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
21	B-3 FLOOR	H220591-03	2'	2-15-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	18.5	<10.0	18.5	32.0
22	B- 4 FLOOR	H220591-04	2'	2-15-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	35.9	<10.0	35.9	160
23	B- 5 FLOOR	H220591-05	2'	2-15-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64.0
24	B- 6 FLOOR	H220591-06	2'	2-15-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	37.8	<10.0	37.8	48.0
25	B- 7 FLOOR	H220591-07	2'	2-15-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64.0
26	B- 8 FLOOR	H220591-08	2'	2-15-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
27	B- 9 FLOOR	H220591-09	2'	2-15-22	COMP	<0.050	<0.050	<0.050	1.34	1.34	13.6	37.0	<10.0	50.6	64.0
28	B- 10 FLOOR	H220591-10	2' 6"	2-15-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96.0
29	B- 11 FLOOR	H220591-11	2'	2-15-22	COMP	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64.0	64.0
30	B- 12 FLOOR	H220591-12	3'	2-15-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	144
31	B- 13 FLOOR	H220591-13	3'	2-15-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
32	B- 14 FLOOR	H220591-14	3'	2-15-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	224
33	B- 15 FLOOR	H220616-01	3'	2-16-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	224
34	B- 16 FLOOR	H220616-02	3'	2-16-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	400
35	B- 17 FLOOR	H220616-03	3'	2-16-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	15.7	<10.0	15.7	224
36	B- 18 FLOOR	H220616-04	3'	2-16-22	COMP	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64.0	64.0
37	B- 19 FLOOR	H220616-05	4'	2-16-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	160
38	B- 20 FLOOR	H220616-06	4'	2-16-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	144
39	B- 21 FLOOR	H220616-07	4'	2-16-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
40	B- 22 FLOOR	H220616-08	4'	2-16-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0

TABLE 1
MEWBOURNE OIL COMPANY
FORTY NINER RIDGE UNIT #104H

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
41	B- 23 FLOOR	H220616-09	3'	2-16-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
42	B- 24 FLOOR	H220616-10	3'	2-16-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
43	B- 25 FLOOR	H220616-11	4'	2-16-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	256
44	B- 26 FLOOR	H220616-12	4'	2-16-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	128
45	B- 27 FLOOR	H220616-13	4'	2-16-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	45.1	<10.0	45.1	192
46	B- 28 FLOOR	H220616-14	4'	2-16-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96.0
47	B- 29 FLOOR	H220616-15	4'	2-16-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	112
48	B- 30 FLOOR	H220616-16	4'	2-16-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	208
49	B- 31 FLOOR	H220616-17	4'	2-16-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	25.4	<10.0	25.4	112
50	B- 32 FLOOR	H220616-18	4'	2-16-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	240
51	B- 33 FLOOR	H220616-19	4'	2-16-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
52	B- 34 FLOOR	H220616-20	4'	2-16-22	COMP	<0.050	0.186	<0.050	4.32	4.51	87.8	491	61.4	640.2	304
	B- 34 FLOOR	H220686-04	5'	2-22-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64.0
53	B- 35 FLOOR	H220616-21	4'	2-16-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	37.1	<10.0	37.1	48.0
54	B- 36 FLOOR	H220616-22	4'	2-16-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
55	B- 37 FLOOR	H220616-23	4'	2-16-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	106	<10.0	106	16.0
56	B- 38 FLOOR	H220616-24	4'	2-16-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	11.8	<10.0	11.8	80.0
57	B- 39 FLOOR	H220616-25	4'	2-16-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
58	B- 40 FLOOR	H220616-26	4'	2-16-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	26.2	<10.0	26.2	80.0
59	B- 41 FLOOR	H220616-27	4'	2-16-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
60	B- 42 FLOOR	H220616-28	4'	2-16-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	13.3	<10.0	13.3	160

Forty Niner #104H POD



5/5/2022, 6:59:42 AM

GIS WATERS PODs

• Active

OSE District Boundary

New Mexico State Trust Lands

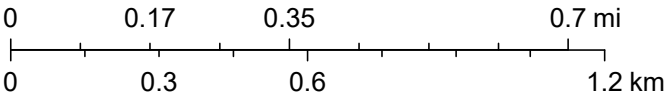
Subsurface Estate

Both Estates



Site Boundaries

1:18,056



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community, Esri, HERE, Garmin, (c) OpenStreetMap contributors, Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community, U.S. Department of Energy Office of Legacy



New Mexico Office of the State Engineer

Water Right Summary


[get image list](#)

WR File Number: C 03915 **Subbasin:** C **Cross Reference:** -
Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
Primary Status: PMT PERMIT
Total Acres: **Subfile:** - **Header:** -
Total Diversion: 0 **Cause/Case:** -
Agent: MEWBOURNE OIL COMPANY
Contact: SCOTT GREGORY DBA GRR INC

Documents on File

	Trn #	Doc	File/Act	Status		Transaction Desc.	From/		Acres	Diversion	Consumptive
				1	2		To				
	577594	72121	2015-10-20	PMT	APR	C 03915 POD C-3913 (T)	T			3	

Current Points of Diversion

(NAD83 UTM in meters)											
POD Number	Well Tag	Source	Q				X		Y	Other Location Desc	
			64	Q16	Q4	Sec	Tws	Rng			
C 03915 C-3913			3	4	1	16	23S	30E	604320	3575223	
C 03915 POD1			4	1	1	16	23S	30E	604323	3575210	

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

5/5/22 7:06 AM

WATER RIGHT SUMMARY



New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tw	Rng	X	Y
	C 03915 C-3913	3	4	1	16	23S	30E	604320	3575223

Driller License:

Driller Company:

Driller Name:

Drill Start Date:

Drill Finish Date:

Plug Date:

Log File Date:

PCW Rcv Date:

Source:

Pump Type:

Pipe Discharge Size:

Estimated Yield:

Casing Size:

Depth Well:

Depth Water:

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


5/5/22 7:17 AM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Point of Diversion Summary

Well Tag	POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE)				(quarters are smallest to largest)		(NAD83 UTM in meters)	
		Q64	Q16	Q4	Sec	Tw	Rng	X	Y
	C 03915 POD1	4	1	1	16	23S	30E	604323	3575210 

Driller License:

Driller Company:

Driller Name:

Drill Start Date:

Drill Finish Date:

Plug Date:

Log File Date:

PCW Rcv Date:

Source:

Pump Type:

Pipe Discharge Size:

Estimated Yield:

Casing Size:

Depth Well:

Depth Water:

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

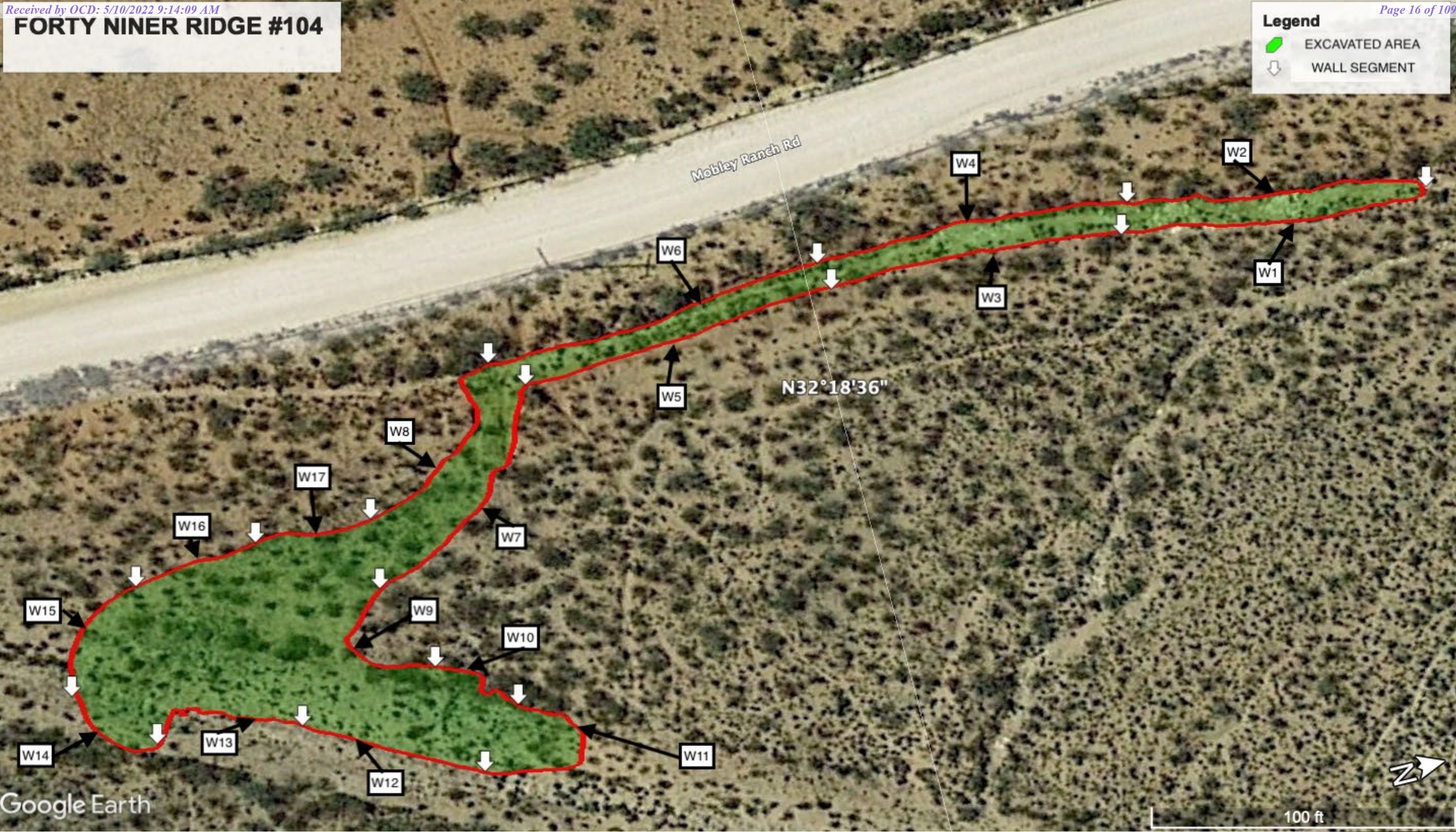
5/5/22 7:17 AM

POINT OF DIVERSION SUMMARY

FORTY NINER RIDGE #104

Legend

- EXCAVATED AREA
- WALL SEGMENT



Google Earth

100 ft

Wall Sections Map
Forty Niner Ridge Unit 104H
Mewbourne Oil Co.
Eddy County, New Mexico

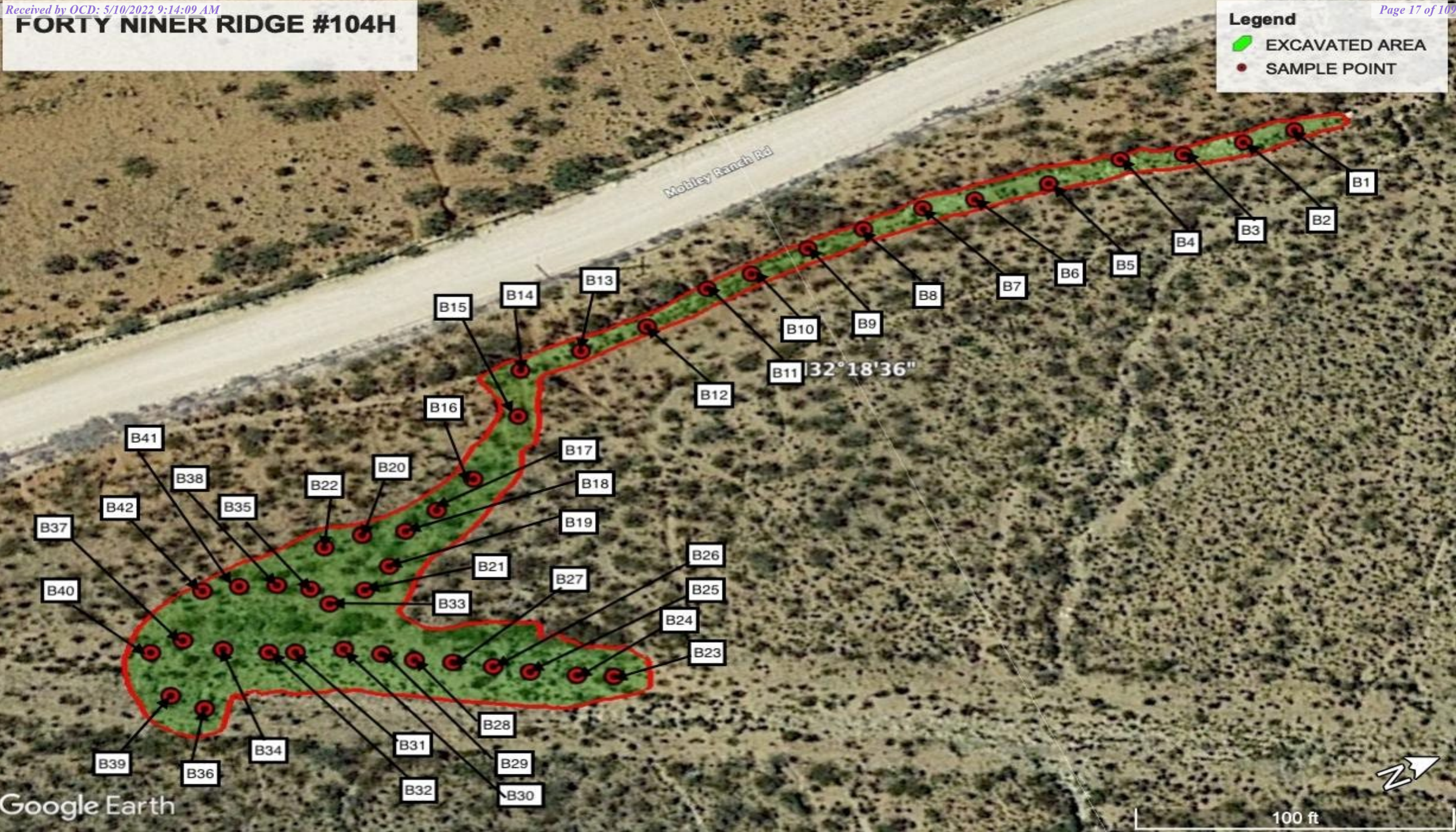


Diamondback Disposal Services, Inc.
P.O Box 2491
Hobbs, NM 88241
575-392-9996

FORTY NINER RIDGE #104H

Legend

- EXCAVATED AREA
- SAMPLE POINT



Google Earth

Bottom Sections Map
Forty Niner Ridge Unit 104H
Mewbourne Oil Co.
Eddy County, New Mexico



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



☀ 188°S (T) ● 32°18'38"N, 103°53'10"W ±9ft ▲ 3100ft



15 Feb 2022, 09:07:56

E

90

SE

120

150

S

180

SW

210

240

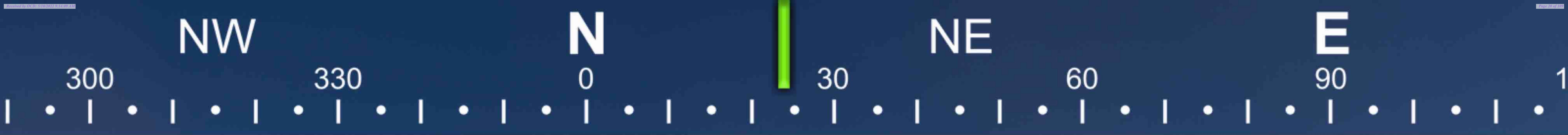
W

270

☉ 176°S (T) ☉ 32°18'35"N, 103°53'10"W ±9ft ▲ 3108ft



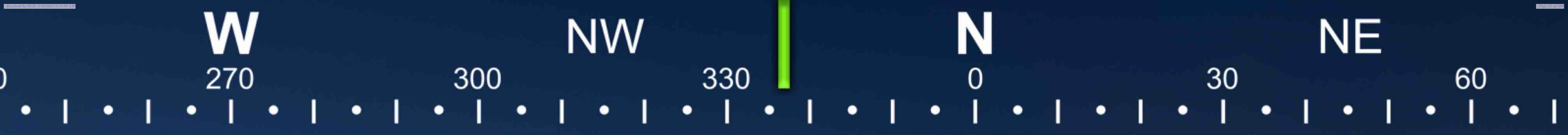
15 Feb 2022, 09:10:46



☀ 24°NE (T) ● 32°18'33"N, 103°53'9"W ±13ft ▲ 3108ft



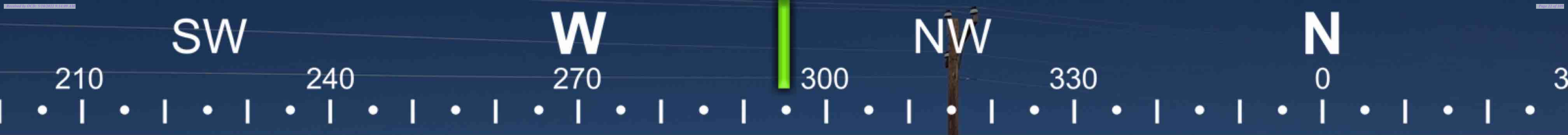
16 Feb 2022, 08:54:51



☉ 337°NW (T) ● 32°18'33"N, 103°53'9"W ±13ft ▲ 3111ft



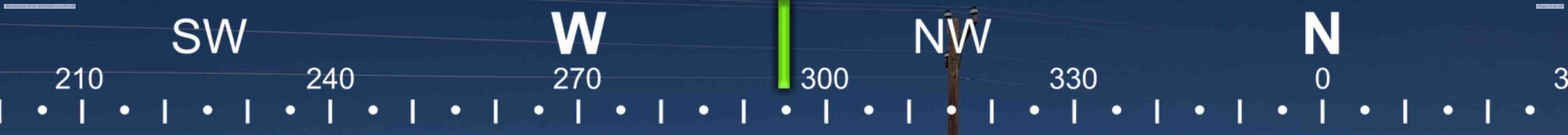
16 Feb 2022, 08:54:55



☼ 295°NW (T) ● 32°18'34"N, 103°53'10"W ±13ft ▲ 3106ft



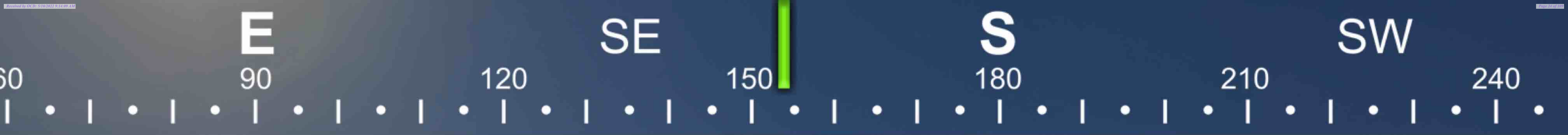
16 Feb 2022, 08:55:22



☀ 295°NW (T) ● 32°18'34"N, 103°53'10"W ±13ft ▲ 3106ft



16 Feb 2022, 08:55:22



☀ 154°SE (T) ● 32°18'34"N, 103°53'10"W ±13ft ▲ 3110ft



16 Feb 2022, 08:55:29



☉ 329°NW (T) ● 32°18'34"N, 103°53'10"W ±13ft ▲ 3107ft



16 Feb 2022, 15:15:38



W

NW

N

NE

270

300

330

0

30

60

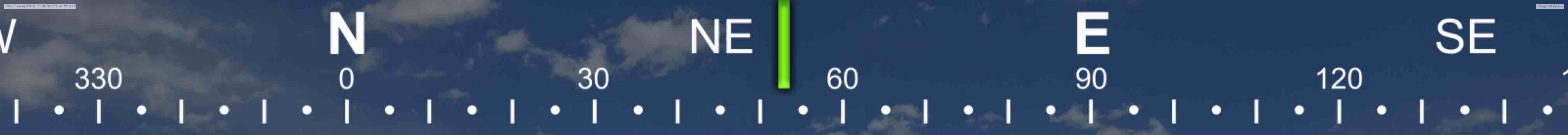
☀ 346°N (T) ● 32°18'34"N, 103°53'10"W ±13ft ▲ 3107ft

16 Feb 2022, 15:15:41



☉ 145°SE (T) ● 32°18'34"N, 103°53'10"W ±13ft ▲ 3105ft

16 Feb 2022, 15:15:48



☀ 54°NE (T) ● 32°18'34"N, 103°53'9"W ±13ft ▲ 3108ft



16 Feb 2022, 15:16:56



☼ 213°SW (T) ● 32°18'35"N, 103°53'8"W ±13ft ▲ 3108ft



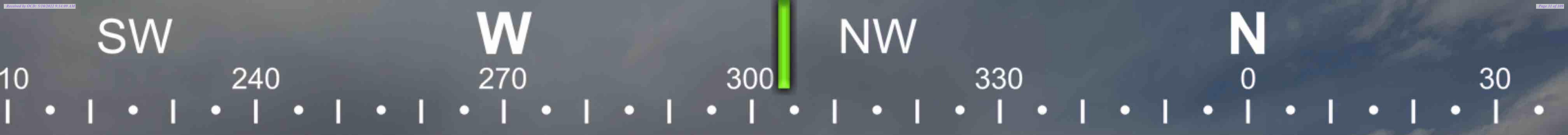
16 Feb 2022, 15:17:20



☀ 7°N (T) ● 32°18'34"N, 103°53'9"W ±13ft ▲ 3110ft



16 Feb 2022, 15:17:45



☼ 304°NW (T) ● 32°18'34"N, 103°53'9"W ±13ft ▲ 3109ft



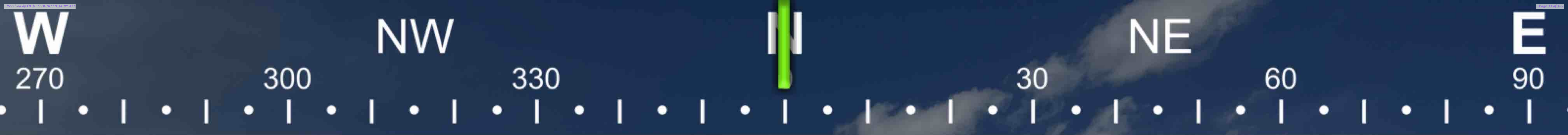
16 Feb 2022, 15:17:48



☀ 228°SW (T) ● 32°18'34"N, 103°53'9"W ±13ft ▲ 3109ft



16 Feb 2022, 15:17:53



☀ 360°N (T) ● 32°18'33"N, 103°53'9"W ±13ft ▲ 3110ft



16 Feb 2022, 15:18:24



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

February 21, 2022

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: FOURTY NINER RIDGE 104H

Enclosed are the results of analyses for samples received by the laboratory on 02/16/22 8:12.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive 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:	02/16/2022	Sampling Date:	02/15/2022
Reported:	02/21/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER RIDGE 104H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: W 1 BGS 0-2' (H220590-01)

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	02/19/2022	ND	1.93	96.4	2.00	14.0		
Toluene*	<0.050	0.050	02/19/2022	ND	1.91	95.5	2.00	14.7		
Ethylbenzene*	<0.050	0.050	02/19/2022	ND	1.84	92.0	2.00	14.9		
Total Xylenes*	<0.150	0.150	02/19/2022	ND	5.69	94.8	6.00	15.6		
Total BTEX	<0.300	0.300	02/19/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/17/2022	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	02/18/2022	ND	224	112	200	1.62	
DRO >C10-C28*	<10.0	10.0	02/18/2022	ND	226	113	200	0.675	
EXT DRO >C28-C36	<10.0	10.0	02/18/2022	ND					

Surrogate: 1-Chlorooctane 86.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.9 % 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:	02/16/2022	Sampling Date:	02/15/2022
Reported:	02/21/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER RIDGE 104H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: W 2 BGS 0-2' (H220590-02)

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	02/19/2022	ND	1.93	96.4	2.00	14.0	
Toluene*	<0.050	0.050	02/19/2022	ND	1.91	95.5	2.00	14.7	
Ethylbenzene*	<0.050	0.050	02/19/2022	ND	1.84	92.0	2.00	14.9	
Total Xylenes*	<0.150	0.150	02/19/2022	ND	5.69	94.8	6.00	15.6	
Total BTX	<0.300	0.300	02/19/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	02/17/2022	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	02/18/2022	ND	224	112	200	1.62	
DRO >C10-C28*	<10.0	10.0	02/18/2022	ND	226	113	200	0.675	
EXT DRO >C28-C36	<10.0	10.0	02/18/2022	ND					

Surrogate: 1-Chlorooctane 89.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.7 % 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:	02/16/2022	Sampling Date:	02/15/2022
Reported:	02/21/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER RIDGE 104H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: W 3 BGS 0-2' (H220590-03)

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	02/19/2022	ND	1.93	96.4	2.00	14.0		
Toluene*	<0.050	0.050	02/19/2022	ND	1.91	95.5	2.00	14.7		
Ethylbenzene*	<0.050	0.050	02/19/2022	ND	1.84	92.0	2.00	14.9		
Total Xylenes*	<0.150	0.150	02/19/2022	ND	5.69	94.8	6.00	15.6		
Total BTEx	<0.300	0.300	02/19/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/17/2022	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	02/18/2022	ND	224	112	200	1.62	
DRO >C10-C28*	<10.0	10.0	02/18/2022	ND	226	113	200	0.675	
EXT DRO >C28-C36	<10.0	10.0	02/18/2022	ND					

Surrogate: 1-Chlorooctane 79.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 84.8 % 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:	02/16/2022	Sampling Date:	02/15/2022
Reported:	02/21/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER RIDGE 104H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: W 4 BGS 0-2' (H220590-04)

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	02/19/2022	ND	2.11	106	2.00	1.79	
Toluene*	<0.050	0.050	02/19/2022	ND	2.10	105	2.00	1.83	
Ethylbenzene*	<0.050	0.050	02/19/2022	ND	2.03	101	2.00	1.98	
Total Xylenes*	<0.150	0.150	02/19/2022	ND	6.32	105	6.00	1.20	
Total BTEx	<0.300	0.300	02/19/2022	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	224	16.0	02/17/2022	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	02/18/2022	ND	224	112	200	1.62	
DRO >C10-C28*	210	10.0	02/18/2022	ND	226	113	200	0.675	
EXT DRO >C28-C36	21.1	10.0	02/18/2022	ND					

Surrogate: 1-Chlorooctane 73.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 80.9 % 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:	02/16/2022	Sampling Date:	02/15/2022
Reported:	02/21/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER RIDGE 104H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: W 5 BGS 0-3' (H220590-05)

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	02/19/2022	ND	2.11	106	2.00	1.79		
Toluene*	<0.050	0.050	02/19/2022	ND	2.10	105	2.00	1.83		
Ethylbenzene*	<0.050	0.050	02/19/2022	ND	2.03	101	2.00	1.98		
Total Xylenes*	<0.150	0.150	02/19/2022	ND	6.32	105	6.00	1.20		
Total BTX	<0.300	0.300	02/19/2022	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	160	16.0	02/17/2022	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	02/18/2022	ND	224	112	200	1.62	
DRO >C10-C28*	66.0	10.0	02/18/2022	ND	226	113	200	0.675	
EXT DRO >C28-C36	<10.0	10.0	02/18/2022	ND					

Surrogate: 1-Chlorooctane 79.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 86.8 % 59.5-142

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

Received:	02/16/2022	Sampling Date:	02/15/2022
Reported:	02/21/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER RIDGE 104H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: W 6 BGS 0-3' (H220590-06)

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	02/19/2022	ND	2.11	106	2.00	1.79		
Toluene*	<0.050	0.050	02/19/2022	ND	2.10	105	2.00	1.83		
Ethylbenzene*	<0.050	0.050	02/19/2022	ND	2.03	101	2.00	1.98		
Total Xylenes*	<0.150	0.150	02/19/2022	ND	6.32	105	6.00	1.20		
Total BTX	<0.300	0.300	02/19/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	608	16.0	02/17/2022	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	02/21/2022	ND	224	112	200	1.62	
DRO >C10-C28*	51.1	10.0	02/21/2022	ND	226	113	200	0.675	
EXT DRO >C28-C36	<10.0	10.0	02/21/2022	ND					

Surrogate: 1-Chlorooctane 68.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 74.7 % 59.5-142

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Analytical Results For:

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Received:	02/16/2022	Sampling Date:	02/15/2022
Reported:	02/21/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER RIDGE 104H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: W 7 BGS 0-3' (H220590-07)

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	02/19/2022	ND	2.11	106	2.00	1.79		
Toluene*	<0.050	0.050	02/19/2022	ND	2.10	105	2.00	1.83		
Ethylbenzene*	<0.050	0.050	02/19/2022	ND	2.03	101	2.00	1.98		
Total Xylenes*	0.318	0.150	02/19/2022	ND	6.32	105	6.00	1.20		
Total BTX	0.318	0.300	02/19/2022	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	368	16.0	02/17/2022	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*	10.5	10.0	02/21/2022	ND	224	112	200	1.62	
DRO >C10-C28*	11.7	10.0	02/21/2022	ND	226	113	200	0.675	
EXT DRO >C28-C36	<10.0	10.0	02/21/2022	ND					

Surrogate: 1-Chlorooctane 78.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 76.0 % 59.5-142

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Received:	02/16/2022	Sampling Date:	02/15/2022
Reported:	02/21/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER RIDGE 104H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: W 8 BGS 0-3' (H220590-08)

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	02/19/2022	ND	2.11	106	2.00	1.79	
Toluene*	<0.050	0.050	02/19/2022	ND	2.10	105	2.00	1.83	
Ethylbenzene*	<0.050	0.050	02/19/2022	ND	2.03	101	2.00	1.98	
Total Xylenes*	<0.150	0.150	02/19/2022	ND	6.32	105	6.00	1.20	
Total BTX	<0.300	0.300	02/19/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/17/2022	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	02/18/2022	ND	224	112	200	1.62	
DRO >C10-C28*	<10.0	10.0	02/18/2022	ND	226	113	200	0.675	
EXT DRO >C28-C36	<10.0	10.0	02/18/2022	ND					

Surrogate: 1-Chlorooctane 75.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 78.8 % 59.5-142

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Received:	02/16/2022	Sampling Date:	02/15/2022
Reported:	02/21/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER RIDGE 104H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: W 9 BGS 0-4' (H220590-09)

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	02/19/2022	ND	2.11	106	2.00	1.79	
Toluene*	<0.050	0.050	02/19/2022	ND	2.10	105	2.00	1.83	
Ethylbenzene*	<0.050	0.050	02/19/2022	ND	2.03	101	2.00	1.98	
Total Xylenes*	<0.150	0.150	02/19/2022	ND	6.32	105	6.00	1.20	
Total BTEx	<0.300	0.300	02/19/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/17/2022	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	02/21/2022	ND	224	112	200	1.62	
DRO >C10-C28*	<10.0	10.0	02/21/2022	ND	226	113	200	0.675	
EXT DRO >C28-C36	<10.0	10.0	02/21/2022	ND					

Surrogate: 1-Chlorooctane 70.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 74.0 % 59.5-142

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 Fax To: (575) 392-9376

Received:	02/16/2022	Sampling Date:	02/15/2022
Reported:	02/21/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER RIDGE 104H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: W 10 BGS 0-4' (H220590-10)

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	02/19/2022	ND	2.11	106	2.00	1.79	
Toluene*	<0.050	0.050	02/19/2022	ND	2.10	105	2.00	1.83	
Ethylbenzene*	<0.050	0.050	02/19/2022	ND	2.03	101	2.00	1.98	
Total Xylenes*	<0.150	0.150	02/19/2022	ND	6.32	105	6.00	1.20	
Total BTX	<0.300	0.300	02/19/2022	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	02/17/2022	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	02/18/2022	ND	224	112	200	1.62	
DRO >C10-C28*	<10.0	10.0	02/18/2022	ND	226	113	200	0.675	
EXT DRO >C28-C36	<10.0	10.0	02/18/2022	ND					

Surrogate: 1-Chlorooctane 68.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 71.3 % 59.5-142

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Analytical Results For:

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

Received:	02/16/2022	Sampling Date:	02/15/2022
Reported:	02/21/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER RIDGE 104H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: W 11 BGS 0-3' (H220590-11)

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	02/19/2022	ND	2.11	106	2.00	1.79		
Toluene*	<0.050	0.050	02/19/2022	ND	2.10	105	2.00	1.83		
Ethylbenzene*	<0.050	0.050	02/19/2022	ND	2.03	101	2.00	1.98		
Total Xylenes*	<0.150	0.150	02/19/2022	ND	6.32	105	6.00	1.20		
Total BTEX	<0.300	0.300	02/19/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/17/2022	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	02/18/2022	ND	224	112	200	1.62	
DRO >C10-C28*	<10.0	10.0	02/18/2022	ND	226	113	200	0.675	
EXT DRO >C28-C36	<10.0	10.0	02/18/2022	ND					

Surrogate: 1-Chlorooctane 80.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 84.6 % 59.5-142

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Analytical Results For:

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

Received:	02/16/2022	Sampling Date:	02/15/2022
Reported:	02/21/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER RIDGE 104H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: W 12 BGS 0-4' (H220590-12)

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	02/19/2022	ND	2.11	106	2.00	1.79		
Toluene*	<0.050	0.050	02/19/2022	ND	2.10	105	2.00	1.83		
Ethylbenzene*	<0.050	0.050	02/19/2022	ND	2.03	101	2.00	1.98		
Total Xylenes*	<0.150	0.150	02/19/2022	ND	6.32	105	6.00	1.20		
Total BTEx	<0.300	0.300	02/19/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/17/2022	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	02/18/2022	ND	224	112	200	1.62	
DRO >C10-C28*	<10.0	10.0	02/18/2022	ND	226	113	200	0.675	
EXT DRO >C28-C36	<10.0	10.0	02/18/2022	ND					

Surrogate: 1-Chlorooctane 67.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 70.6 % 59.5-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	02/16/2022	Sampling Date:	02/15/2022
Reported:	02/21/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER RIDGE 104H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: W 13 BGS 0-4' (H220590-13)

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	02/19/2022	ND	2.11	106	2.00	1.79		
Toluene*	<0.050	0.050	02/19/2022	ND	2.10	105	2.00	1.83		
Ethylbenzene*	<0.050	0.050	02/19/2022	ND	2.03	101	2.00	1.98		
Total Xylenes*	<0.150	0.150	02/19/2022	ND	6.32	105	6.00	1.20		
Total BTEx	<0.300	0.300	02/19/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/17/2022	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	02/21/2022	ND	224	112	200	1.62	
DRO >C10-C28*	<10.0	10.0	02/21/2022	ND	226	113	200	0.675	
EXT DRO >C28-C36	<10.0	10.0	02/21/2022	ND					

Surrogate: 1-Chlorooctane 76.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 80.4 % 59.5-142

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Notes and Definitions

QR-04	The RPD for the BS/BSD was outside of historical limits.
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", 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>Diamond Blush</u>		P.O. #:		BILL TO		ANALYSIS REQUEST	
Project Manager: <u>Justin R.</u>		Company:					
Address:		Attn:					
City: <u>Hobbs</u> State: <u>NM</u> Zip: <u>88240</u>		Address:					
Phone #: _____ Fax #: _____		City:					
Project #: _____ Project Owner:		State:					
Project Name:		Zip:					
Project Location: <u>Fourty niner Ridge road</u>		Phone #:					
Sample Name: <u>See Custody</u>		Fax #:					
FOR LAB USE ONLY		PRESERV.		SAMPLING			
Lab I.D.		Matrix		DATE		TIME	
Sample I.D.		# CONTAINERS		DATE		TIME	
		GROUNDWATER					
		WASTEWATER					
		SOIL					
		OIL					
		SLUDGE					
		OTHER :					
		ACID/BASE:					
		ICE / COOL					
		OTHER :					
<u>H22059D</u>				<u>8-15</u>		<u>10:30</u>	
<u>1 W1 BGS 0-2'</u>		<u>C1</u>		<u>10:32</u>		<u>X</u>	
<u>2 W2 BGS 0-2'</u>		<u>C1</u>		<u>10:34</u>		<u>X</u>	
<u>3 W3 BGS 0-2'</u>		<u>C1</u>		<u>10:36</u>		<u>X</u>	
<u>4 W4 BGS 0-2'</u>		<u>C1</u>		<u>10:38</u>		<u>X</u>	
<u>5 W5 BGS 0-3'</u>		<u>C1</u>		<u>10:40</u>		<u>X</u>	
<u>6 W6 BGS 0-3'</u>		<u>C1</u>		<u>8:12</u>		<u>X</u>	
<u>7 W7 BGS 0-3'</u>		<u>C1</u>		<u>8:14</u>		<u>X</u>	
<u>8 W8 BGS 0-3'</u>		<u>C1</u>		<u>8:16</u>		<u>X</u>	
<u>9 W9 BGS 0-4'</u>		<u>C1</u>		<u>8:18</u>		<u>X</u>	
<u>10 W10 BGS 0-4'</u>		<u>C1</u>				<u>X</u>	

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Relinquished By: [Signature] Date: 8-15 Time: 08:12 Received By: [Signature] Date: 8-15 Time: 08:12

Relinquished By: [Signature] Date: _____ Time: _____ Received By: _____ Date: _____ Time: _____

Delivered By: (Circle One) Observed Temp. °C -0.1 Sample Condition Cool Intact CHECKED BY: [Signature]

Sampler - UPS - Bus - Other: Corrected Temp. °C -0.1 ☐ Yes ☒ No ☐ Yes ☒ No

Turnaround Time: _____ Standard Rush Bacteria (only) Sample Condition Cool Intact Observed Temp. °C _____ Corrected Temp. °C _____

Thermometer ID #113 Correction Factor -0.5°C ☐ Yes ☒ No ☐ Yes ☒ No

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO Company Name: <u>Diamondback</u> Project Manager: <u>Justin R</u> Address: City: <u>Addicks</u> State: <u>NM</u> Zip: <u>88634</u> Phone #: _____ Fax #: _____ Project #: _____ Project Owner: _____ Project Name: _____ Project Location: <u>Fourth nine Ridge 104H</u> Sampler Name: <u>Jesse Casarola</u> P.O. #: _____ FOR LAB USE ONLY Matrix: GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER : PRESERV: SAMPLING:						ANALYSIS REQUEST					
Lab I.D.: <u>H220590</u> Sample I.D.: <u>11 BGS 0-3'</u> <u>12 BGS 0-4'</u> <u>13 BGS 0-4'</u>											
Date: <u>8-15-15</u> Received By: <u>[Signature]</u> Time: <u>08:12</u> Relinquished By: <u>[Signature]</u> Date: _____ Date: _____ Received By: _____ Time: _____						Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #: _____ All Results are emailed. Please provide Email address: _____ REMARKS: <u>Justin R</u>					
Delivered By: (Circle One) Observed Temp. °C - <u>0.1</u> Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No CHECKED BY: <u>[Signature]</u> Corrected Temp. °C - <u>0.0</u>						Turnaround Time: _____ Standard <input type="checkbox"/> Bacteria (only) Sample Condition <input type="checkbox"/> Thermometer ID #113 Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Rush <input type="checkbox"/> Yes <input type="checkbox"/> No Corrected Temp. °C _____ Correction Factor -0.5°C					

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

February 21, 2022

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: FOURTY NINER RIDGE 104H

Enclosed are the results of analyses for samples received by the laboratory on 02/16/22 8:12.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive 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:	02/16/2022	Sampling Date:	02/15/2022
Reported:	02/21/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER RIDGE 104H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: B 1 @ 2' (H220591-01)

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	02/19/2022	ND	2.11	106	2.00	1.79	
Toluene*	<0.050	0.050	02/19/2022	ND	2.10	105	2.00	1.83	
Ethylbenzene*	<0.050	0.050	02/19/2022	ND	2.03	101	2.00	1.98	
Total Xylenes*	<0.150	0.150	02/19/2022	ND	6.32	105	6.00	1.20	
Total BTX	<0.300	0.300	02/19/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/17/2022	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	02/18/2022	ND	224	112	200	1.62	
DRO >C10-C28*	106	10.0	02/18/2022	ND	226	113	200	0.675	
EXT DRO >C28-C36	<10.0	10.0	02/18/2022	ND					

Surrogate: 1-Chlorooctane 89.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.7 % 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:	02/16/2022	Sampling Date:	02/15/2022
Reported:	02/21/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER RIDGE 104H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: B 2 @ 2' (H220591-02)

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	02/19/2022	ND	2.11	106	2.00	1.79	
Toluene*	<0.050	0.050	02/19/2022	ND	2.10	105	2.00	1.83	
Ethylbenzene*	<0.050	0.050	02/19/2022	ND	2.03	101	2.00	1.98	
Total Xylenes*	<0.150	0.150	02/19/2022	ND	6.32	105	6.00	1.20	
Total BTEX	<0.300	0.300	02/19/2022	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	02/17/2022	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	02/18/2022	ND	224	112	200	1.62	
DRO >C10-C28*	<10.0	10.0	02/18/2022	ND	226	113	200	0.675	
EXT DRO >C28-C36	<10.0	10.0	02/18/2022	ND					

Surrogate: 1-Chlorooctane 85.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.1 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/16/2022	Sampling Date:	02/15/2022
Reported:	02/21/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER RIDGE 104H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: B 3 @ 2' (H220591-03)

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	02/19/2022	ND	2.11	106	2.00	1.79	
Toluene*	<0.050	0.050	02/19/2022	ND	2.10	105	2.00	1.83	
Ethylbenzene*	<0.050	0.050	02/19/2022	ND	2.03	101	2.00	1.98	
Total Xylenes*	<0.150	0.150	02/19/2022	ND	6.32	105	6.00	1.20	
Total BTX	<0.300	0.300	02/19/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/17/2022	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	02/18/2022	ND	224	112	200	1.62	
DRO >C10-C28*	18.5	10.0	02/18/2022	ND	226	113	200	0.675	
EXT DRO >C28-C36	<10.0	10.0	02/18/2022	ND					

Surrogate: 1-Chlorooctane 80.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 82.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/16/2022	Sampling Date:	02/15/2022
Reported:	02/21/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER RIDGE 104H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: B 4 @ 2' (H220591-04)

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	02/19/2022	ND	2.11	106	2.00	1.79	
Toluene*	<0.050	0.050	02/19/2022	ND	2.10	105	2.00	1.83	
Ethylbenzene*	<0.050	0.050	02/19/2022	ND	2.03	101	2.00	1.98	
Total Xylenes*	<0.150	0.150	02/19/2022	ND	6.32	105	6.00	1.20	
Total BTEX	<0.300	0.300	02/19/2022	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	160	16.0	02/17/2022	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	02/18/2022	ND	224	112	200	1.62	
DRO >C10-C28*	35.9	10.0	02/18/2022	ND	226	113	200	0.675	
EXT DRO >C28-C36	<10.0	10.0	02/18/2022	ND					

Surrogate: 1-Chlorooctane 85.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/16/2022	Sampling Date:	02/15/2022
Reported:	02/21/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER RIDGE 104H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: B 5 @ 2' (H220591-05)

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	02/19/2022	ND	2.11	106	2.00	1.79		
Toluene*	<0.050	0.050	02/19/2022	ND	2.10	105	2.00	1.83		
Ethylbenzene*	<0.050	0.050	02/19/2022	ND	2.03	101	2.00	1.98		
Total Xylenes*	<0.150	0.150	02/19/2022	ND	6.32	105	6.00	1.20		
Total BTEx	<0.300	0.300	02/19/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/17/2022	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	02/18/2022	ND	224	112	200	1.62	
DRO >C10-C28*	<10.0	10.0	02/18/2022	ND	226	113	200	0.675	
EXT DRO >C28-C36	<10.0	10.0	02/18/2022	ND					

Surrogate: 1-Chlorooctane 87.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.3 % 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:	02/16/2022	Sampling Date:	02/15/2022
Reported:	02/21/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER RIDGE 104H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: B 6 @ 2' (H220591-06)

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	02/19/2022	ND	2.11	106	2.00	1.79	
Toluene*	<0.050	0.050	02/19/2022	ND	2.10	105	2.00	1.83	
Ethylbenzene*	<0.050	0.050	02/19/2022	ND	2.03	101	2.00	1.98	
Total Xylenes*	<0.150	0.150	02/19/2022	ND	6.32	105	6.00	1.20	
Total BTEx	<0.300	0.300	02/19/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/17/2022	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	02/18/2022	ND	224	112	200	1.62	
DRO >C10-C28*	37.8	10.0	02/18/2022	ND	226	113	200	0.675	
EXT DRO >C28-C36	<10.0	10.0	02/18/2022	ND					

Surrogate: 1-Chlorooctane 70.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 72.1 % 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:	02/16/2022	Sampling Date:	02/15/2022
Reported:	02/21/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER RIDGE 104H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: B 7 @ 2' (H220591-07)

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	02/19/2022	ND	2.11	106	2.00	1.79	
Toluene*	<0.050	0.050	02/19/2022	ND	2.10	105	2.00	1.83	
Ethylbenzene*	<0.050	0.050	02/19/2022	ND	2.03	101	2.00	1.98	
Total Xylenes*	<0.150	0.150	02/19/2022	ND	6.32	105	6.00	1.20	
Total BTEX	<0.300	0.300	02/19/2022	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	02/17/2022	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	02/18/2022	ND	201	100	200	0.151	
DRO >C10-C28*	<10.0	10.0	02/18/2022	ND	205	103	200	1.38	
EXT DRO >C28-C36	<10.0	10.0	02/18/2022	ND					

Surrogate: 1-Chlorooctane 89.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.3 % 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:	02/16/2022	Sampling Date:	02/15/2022
Reported:	02/21/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER RIDGE 104H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: B 8 @ 2' (H220591-08)

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	02/19/2022	ND	2.11	106	2.00	1.79		
Toluene*	<0.050	0.050	02/19/2022	ND	2.10	105	2.00	1.83		
Ethylbenzene*	<0.050	0.050	02/19/2022	ND	2.03	101	2.00	1.98		
Total Xylenes*	<0.150	0.150	02/19/2022	ND	6.32	105	6.00	1.20		
Total BTEX	<0.300	0.300	02/19/2022	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	48.0	16.0	02/17/2022	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	02/18/2022	ND	201	100	200	0.151	
DRO >C10-C28*	<10.0	10.0	02/18/2022	ND	205	103	200	1.38	
EXT DRO >C28-C36	<10.0	10.0	02/18/2022	ND					

Surrogate: 1-Chlorooctane 84.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.3 % 59.5-142

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Analytical Results For:

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

Received:	02/16/2022	Sampling Date:	02/15/2022
Reported:	02/21/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER RIDGE 104H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: B 9 @ 2' (H220591-09)

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	02/19/2022	ND	2.11	106	2.00	1.79		
Toluene*	<0.050	0.050	02/19/2022	ND	2.10	105	2.00	1.83		
Ethylbenzene*	<0.050	0.050	02/19/2022	ND	2.03	101	2.00	1.98		
Total Xylenes*	1.34	0.150	02/19/2022	ND	6.32	105	6.00	1.20	GC-NC1	
Total BTEX	1.34	0.300	02/19/2022	ND					GC-NC1	

Surrogate: 4-Bromofluorobenzene (PID) 121 % 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	02/17/2022	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*	13.6	10.0	02/18/2022	ND	201	100	200	0.151	
DRO >C10-C28*	37.0	10.0	02/18/2022	ND	205	103	200	1.38	
EXT DRO >C28-C36	<10.0	10.0	02/18/2022	ND					

Surrogate: 1-Chlorooctane 88.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.5 % 59.5-142

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

Received:	02/16/2022	Sampling Date:	02/15/2022
Reported:	02/21/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER RIDGE 104H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: B 10 @ 2' 6" (H220591-10)

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	02/19/2022	ND	2.11	106	2.00	1.79	
Toluene*	<0.050	0.050	02/19/2022	ND	2.10	105	2.00	1.83	
Ethylbenzene*	<0.050	0.050	02/19/2022	ND	2.03	101	2.00	1.98	
Total Xylenes*	<0.150	0.150	02/19/2022	ND	6.32	105	6.00	1.20	
Total BTEX	<0.300	0.300	02/19/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	02/17/2022	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	02/18/2022	ND	201	100	200	0.151	
DRO >C10-C28*	<10.0	10.0	02/18/2022	ND	205	103	200	1.38	
EXT DRO >C28-C36	<10.0	10.0	02/18/2022	ND					

Surrogate: 1-Chlorooctane 87.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.8 % 59.5-142

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Analytical Results For:

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

Received:	02/16/2022	Sampling Date:	02/15/2022
Reported:	02/21/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER RIDGE 104H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: B 11 @ 3' (H220591-11)

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	02/19/2022	ND	2.06	103	2.00	1.57	
Toluene*	<0.050	0.050	02/19/2022	ND	2.05	103	2.00	2.09	
Ethylbenzene*	<0.050	0.050	02/19/2022	ND	1.97	98.6	2.00	1.20	
Total Xylenes*	<0.150	0.150	02/19/2022	ND	6.12	102	6.00	0.966	
Total BTX	<0.300	0.300	02/19/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/17/2022	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	02/21/2022	ND	201	100	200	0.151	
DRO >C10-C28*	<10.0	10.0	02/21/2022	ND	205	103	200	1.38	
EXT DRO >C28-C36	<10.0	10.0	02/21/2022	ND					

Surrogate: 1-Chlorooctane 68.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 71.3 % 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:	02/16/2022	Sampling Date:	02/15/2022
Reported:	02/21/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER RIDGE 104H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: B 12 @ 3' (H220591-12)

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	02/19/2022	ND	2.06	103	2.00	1.57		
Toluene*	<0.050	0.050	02/19/2022	ND	2.05	103	2.00	2.09		
Ethylbenzene*	<0.050	0.050	02/19/2022	ND	1.97	98.6	2.00	1.20		
Total Xylenes*	<0.150	0.150	02/19/2022	ND	6.12	102	6.00	0.966		
Total BTEX	<0.300	0.300	02/19/2022	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	144	16.0	02/17/2022	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	02/18/2022	ND	201	100	200	0.151		
DRO >C10-C28*	65.0	10.0	02/18/2022	ND	205	103	200	1.38		
EXT DRO >C28-C36	<10.0	10.0	02/18/2022	ND						

Surrogate: 1-Chlorooctane 75.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 80.6 % 59.5-142

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Analytical Results For:

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

Received:	02/16/2022	Sampling Date:	02/15/2022
Reported:	02/21/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER RIDGE 104H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: B 13 @ 3' (H220591-13)

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	02/19/2022	ND	2.06	103	2.00	1.57		
Toluene*	<0.050	0.050	02/19/2022	ND	2.05	103	2.00	2.09		
Ethylbenzene*	<0.050	0.050	02/19/2022	ND	1.97	98.6	2.00	1.20		
Total Xylenes*	<0.150	0.150	02/19/2022	ND	6.12	102	6.00	0.966		
Total BTEX	<0.300	0.300	02/19/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/17/2022	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	02/18/2022	ND	201	100	200	0.151	
DRO >C10-C28*	<10.0	10.0	02/18/2022	ND	205	103	200	1.38	
EXT DRO >C28-C36	<10.0	10.0	02/18/2022	ND					

Surrogate: 1-Chlorooctane 86.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.1 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	02/16/2022	Sampling Date:	02/15/2022
Reported:	02/21/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER RIDGE 104H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: B 14 @ 3' (H220591-14)

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	02/19/2022	ND	2.06	103	2.00	1.57		
Toluene*	<0.050	0.050	02/19/2022	ND	2.05	103	2.00	2.09		
Ethylbenzene*	<0.050	0.050	02/19/2022	ND	1.97	98.6	2.00	1.20		
Total Xylenes*	<0.150	0.150	02/19/2022	ND	6.12	102	6.00	0.966		
Total BTEX	<0.300	0.300	02/19/2022	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	224	16.0	02/17/2022	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	02/18/2022	ND	201	100	200	0.151	
DRO >C10-C28*	<10.0	10.0	02/18/2022	ND	205	103	200	1.38	
EXT DRO >C28-C36	<10.0	10.0	02/18/2022	ND					

Surrogate: 1-Chlorooctane 76.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 79.1 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
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>		P.O. #:		BILL TO				ANALYSIS REQUEST				
Project Manager: <u>Justin R</u>		Company:										
Address:		Attn:										
City: <u>Hobbs</u>		State: <u>NM</u>		Zip: <u>88240</u>		Address:						
Phone #:		Fax #:		City:		State:		Zip:				
Project #:		Project Owner:		City:		State:		Zip:				
Project Name:		Phone #:		Fax #:								
Project Location: <u>Forty Nine Ridge Rd</u>												
Sampler Name: <u>Joe Quisenberry</u>												
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 :
<u>H220591</u>	<u>R1 @2'</u>	<u>C</u>	<u>1</u>			<u>1</u>				<u>1</u>		
<u>2</u>	<u>R2 @2'</u>	<u>C</u>	<u>1</u>			<u>1</u>				<u>1</u>		
<u>3</u>	<u>R3 @2'</u>	<u>C</u>	<u>1</u>			<u>1</u>				<u>1</u>		
<u>4</u>	<u>R4 @2'</u>	<u>C</u>	<u>1</u>			<u>1</u>				<u>1</u>		
<u>5</u>	<u>R5 @2'</u>	<u>C</u>	<u>1</u>			<u>1</u>				<u>1</u>		
<u>6</u>	<u>R6 @2'</u>	<u>C</u>	<u>1</u>			<u>1</u>				<u>1</u>		
<u>7</u>	<u>R7 @2'</u>	<u>C</u>	<u>1</u>			<u>1</u>				<u>1</u>		
<u>8</u>	<u>R8 @2'</u>	<u>C</u>	<u>1</u>			<u>1</u>				<u>1</u>		
<u>9</u>	<u>R9 @2'</u>	<u>C</u>	<u>1</u>			<u>1</u>				<u>1</u>		
<u>10</u>	<u>R10 @2'</u>	<u>C</u>	<u>1</u>			<u>1</u>				<u>1</u>		
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Relinquished By: <u>Joe Quisenberry</u>		Date: <u>8-15-16</u>		Received By: <u>Justin Keene</u>		Date: <u>8-15-16</u>						
Relinquished By: <u>Justin Keene</u>		Date: <u>8-15-16</u>		Received By: <u>Justin Keene</u>		Date: <u>8-15-16</u>						
Delivered By: (Circle One)		Observed Temp. °C <u>-0.1</u>		Sample Condition		CHECKED BY: <u>(initials)</u>						
Sampler - UPS - Bus - Other:		Corrected Temp. °C <u>-0.6</u>		Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>								
Turnaround Time:		Thermometer ID #113		Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>		Bacteria (only) Sample Condition						
		Correction Factor -0.5°C				Cool <input type="checkbox"/> Intact <input type="checkbox"/>						
						Observed Temp. °C						
						Corrected Temp. °C						

† 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: Diamond Back Project Manager: Justin R. Address: _____ City: Adrian State: MI Zip: 488340 Phone #: _____ Fax #: _____ Project #: _____ Project Owner: _____ Project Name: _____ Project Location: Foster River Ridge 1044 Sampler Name: Joe Dunsen FOR LAB USE ONLY				P.O. #: _____ Company: _____ Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____			
BILL TO				ANALYSIS REQUEST			
Lab I.D. _____ Sample I.D. _____ H24D591 11 12 13 14		(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :		DATE 2-15 TIME 10:04 10:08 10:10 10:12		X X X X X X X	
Relinquished By: _____ Date: 2-15-10 Time: 08:12 Received By: Justin R.		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____ All Results are emailed. Please provide Email address: _____		Turnaround Time: _____ Thermometer ID #113 Correction Factor -0.5°C Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Bacteria (only) <input type="checkbox"/> Sample Condition <input type="checkbox"/> Observed Temp. °C <input type="checkbox"/> Corrected Temp. °C		REMARKS: Justin R. Jee	



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

February 22, 2022

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: FOURTY NINER RIDGE 104H

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

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	02/16/2022	Sampling Date:	02/16/2022
Reported:	02/22/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER RIDGE 104H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: B 15 @ 3' (H220616-01)

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	02/20/2022	ND	2.14	107	2.00	1.56		
Toluene*	<0.050	0.050	02/20/2022	ND	2.12	106	2.00	2.72		
Ethylbenzene*	<0.050	0.050	02/20/2022	ND	2.04	102	2.00	2.16		
Total Xylenes*	<0.150	0.150	02/20/2022	ND	6.33	106	6.00	2.59		
Total BTEx	<0.300	0.300	02/20/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	02/18/2022	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	02/18/2022	ND	219	110	200	0.691	
DRO >C10-C28*	<10.0	10.0	02/18/2022	ND	215	107	200	2.46	
EXT DRO >C28-C36	<10.0	10.0	02/18/2022	ND					

Surrogate: 1-Chlorooctane 88.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.6 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/16/2022	Sampling Date:	02/16/2022
Reported:	02/22/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER RIDGE 104H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: B 16 @ 3' (H220616-02)

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	02/20/2022	ND	2.14	107	2.00	1.56	
Toluene*	<0.050	0.050	02/20/2022	ND	2.12	106	2.00	2.72	
Ethylbenzene*	<0.050	0.050	02/20/2022	ND	2.04	102	2.00	2.16	
Total Xylenes*	<0.150	0.150	02/20/2022	ND	6.33	106	6.00	2.59	
Total BTEx	<0.300	0.300	02/20/2022	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	400	16.0	02/18/2022	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	02/18/2022	ND	219	110	200	0.691	
DRO >C10-C28*	<10.0	10.0	02/18/2022	ND	215	107	200	2.46	
EXT DRO >C28-C36	<10.0	10.0	02/18/2022	ND					

Surrogate: 1-Chlorooctane 85.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/16/2022	Sampling Date:	02/16/2022
Reported:	02/22/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER RIDGE 104H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: B 17 @ 3' (H220616-03)

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	02/21/2022	ND	2.33	116	2.00	4.29		
Toluene*	<0.050	0.050	02/21/2022	ND	2.30	115	2.00	4.30		
Ethylbenzene*	<0.050	0.050	02/21/2022	ND	2.30	115	2.00	4.18		
Total Xylenes*	<0.150	0.150	02/21/2022	ND	7.07	118	6.00	3.98		
Total BTX	<0.300	0.300	02/21/2022	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	224	16.0	02/18/2022	ND	416	104	400	3.77		

TPH 8015M			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/19/2022	ND	239	119	200	0.501		
DRO >C10-C28*	15.7	10.0	02/19/2022	ND	234	117	200	0.316		
EXT DRO >C28-C36	<10.0	10.0	02/19/2022	ND						

Surrogate: 1-Chlorooctane 79.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 86.6 % 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:	02/16/2022	Sampling Date:	02/16/2022
Reported:	02/22/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER RIDGE 104H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: B 18 @ 3' (H220616-04)

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	02/21/2022	ND	2.33	116	2.00	4.29	
Toluene*	<0.050	0.050	02/21/2022	ND	2.30	115	2.00	4.30	
Ethylbenzene*	<0.050	0.050	02/21/2022	ND	2.30	115	2.00	4.18	
Total Xylenes*	<0.150	0.150	02/21/2022	ND	7.07	118	6.00	3.98	
Total BTEx	<0.300	0.300	02/21/2022	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	02/18/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/19/2022	ND	239	119	200	0.501	
DRO >C10-C28*	<10.0	10.0	02/19/2022	ND	234	117	200	0.316	
EXT DRO >C28-C36	<10.0	10.0	02/19/2022	ND					

Surrogate: 1-Chlorooctane 90.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.7 % 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:	02/16/2022	Sampling Date:	02/16/2022
Reported:	02/22/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER RIDGE 104H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: B 19 @ 4' (H220616-05)

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	02/21/2022	ND	2.33	116	2.00	4.29		
Toluene*	<0.050	0.050	02/21/2022	ND	2.30	115	2.00	4.30		
Ethylbenzene*	<0.050	0.050	02/21/2022	ND	2.30	115	2.00	4.18		
Total Xylenes*	<0.150	0.150	02/21/2022	ND	7.07	118	6.00	3.98		
Total BTX	<0.300	0.300	02/21/2022	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	160	16.0	02/18/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/19/2022	ND	239	119	200	0.501	
DRO >C10-C28*	<10.0	10.0	02/19/2022	ND	234	117	200	0.316	
EXT DRO >C28-C36	<10.0	10.0	02/19/2022	ND					

Surrogate: 1-Chlorooctane 88.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.3 % 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:	02/16/2022	Sampling Date:	02/16/2022
Reported:	02/22/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER RIDGE 104H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: B 20 @ 4' (H220616-06)

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	02/21/2022	ND	2.33	116	2.00	4.29	
Toluene*	<0.050	0.050	02/21/2022	ND	2.30	115	2.00	4.30	
Ethylbenzene*	<0.050	0.050	02/21/2022	ND	2.30	115	2.00	4.18	
Total Xylenes*	<0.150	0.150	02/21/2022	ND	7.07	118	6.00	3.98	
Total BTEX	<0.300	0.300	02/21/2022	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	144	16.0	02/18/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/19/2022	ND	239	119	200	0.501	
DRO >C10-C28*	<10.0	10.0	02/19/2022	ND	234	117	200	0.316	
EXT DRO >C28-C36	<10.0	10.0	02/19/2022	ND					

Surrogate: 1-Chlorooctane 75.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 83.5 % 59.5-142

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Analytical Results For:

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

Received:	02/16/2022	Sampling Date:	02/16/2022
Reported:	02/22/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER RIDGE 104H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: B 21 @ 4' (H220616-07)

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	02/21/2022	ND	2.33	116	2.00	4.29		
Toluene*	<0.050	0.050	02/21/2022	ND	2.30	115	2.00	4.30		
Ethylbenzene*	<0.050	0.050	02/21/2022	ND	2.30	115	2.00	4.18		
Total Xylenes*	<0.150	0.150	02/21/2022	ND	7.07	118	6.00	3.98		
Total BTX	<0.300	0.300	02/21/2022	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	02/18/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/19/2022	ND	239	119	200	0.501	
DRO >C10-C28*	<10.0	10.0	02/19/2022	ND	234	117	200	0.316	
EXT DRO >C28-C36	<10.0	10.0	02/19/2022	ND					

Surrogate: 1-Chlorooctane 90.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.8 % 59.5-142

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Analytical Results For:

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

Received:	02/16/2022	Sampling Date:	02/16/2022
Reported:	02/22/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER RIDGE 104H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: B 22 @ 4' (H220616-08)

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	02/21/2022	ND	2.33	116	2.00	4.29	
Toluene*	<0.050	0.050	02/21/2022	ND	2.30	115	2.00	4.30	
Ethylbenzene*	<0.050	0.050	02/21/2022	ND	2.30	115	2.00	4.18	
Total Xylenes*	<0.150	0.150	02/21/2022	ND	7.07	118	6.00	3.98	
Total BTEx	<0.300	0.300	02/21/2022	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	02/18/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/19/2022	ND	239	119	200	0.501	
DRO >C10-C28*	<10.0	10.0	02/19/2022	ND	234	117	200	0.316	
EXT DRO >C28-C36	<10.0	10.0	02/19/2022	ND					

Surrogate: 1-Chlorooctane 84.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.3 % 59.5-142

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Analytical Results For:

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 Fax To: (575) 392-9376

Received:	02/16/2022	Sampling Date:	02/16/2022
Reported:	02/22/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER RIDGE 104H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: B 23 @ 3' (H220616-09)

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	02/21/2022	ND	2.33	116	2.00	4.29	
Toluene*	<0.050	0.050	02/21/2022	ND	2.30	115	2.00	4.30	
Ethylbenzene*	<0.050	0.050	02/21/2022	ND	2.30	115	2.00	4.18	
Total Xylenes*	<0.150	0.150	02/21/2022	ND	7.07	118	6.00	3.98	
Total BTEx	<0.300	0.300	02/21/2022	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	02/18/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/19/2022	ND	239	119	200	0.501	
DRO >C10-C28*	<10.0	10.0	02/19/2022	ND	234	117	200	0.316	
EXT DRO >C28-C36	<10.0	10.0	02/19/2022	ND					

Surrogate: 1-Chlorooctane 87.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.3 % 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:	02/16/2022	Sampling Date:	02/16/2022
Reported:	02/22/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER RIDGE 104H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: B 24 @ 3' (H220616-10)

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	02/21/2022	ND	2.33	116	2.00	4.29		
Toluene*	<0.050	0.050	02/21/2022	ND	2.30	115	2.00	4.30		
Ethylbenzene*	<0.050	0.050	02/21/2022	ND	2.30	115	2.00	4.18		
Total Xylenes*	<0.150	0.150	02/21/2022	ND	7.07	118	6.00	3.98		
Total BTEx	<0.300	0.300	02/21/2022	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	02/18/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/19/2022	ND	239	119	200	0.501	
DRO >C10-C28*	<10.0	10.0	02/19/2022	ND	234	117	200	0.316	
EXT DRO >C28-C36	<10.0	10.0	02/19/2022	ND					

Surrogate: 1-Chlorooctane 84.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.0 % 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:	02/16/2022	Sampling Date:	02/16/2022
Reported:	02/22/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER RIDGE 104H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: B 25 @ 4' (H220616-11)

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	02/21/2022	ND	2.33	116	2.00	4.29		
Toluene*	<0.050	0.050	02/21/2022	ND	2.30	115	2.00	4.30		
Ethylbenzene*	<0.050	0.050	02/21/2022	ND	2.30	115	2.00	4.18		
Total Xylenes*	<0.150	0.150	02/21/2022	ND	7.07	118	6.00	3.98		
Total BTEx	<0.300	0.300	02/21/2022	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	256	16.0	02/18/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/19/2022	ND	239	119	200	0.501	
DRO >C10-C28*	<10.0	10.0	02/19/2022	ND	234	117	200	0.316	
EXT DRO >C28-C36	<10.0	10.0	02/19/2022	ND					

Surrogate: 1-Chlorooctane 78.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 85.1 % 59.5-142

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Analytical Results For:

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

Received:	02/16/2022	Sampling Date:	02/16/2022
Reported:	02/22/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER RIDGE 104H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: B 26 @ 4' (H220616-12)

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	02/21/2022	ND	2.33	116	2.00	4.29		
Toluene*	<0.050	0.050	02/21/2022	ND	2.30	115	2.00	4.30		
Ethylbenzene*	<0.050	0.050	02/21/2022	ND	2.30	115	2.00	4.18		
Total Xylenes*	<0.150	0.150	02/21/2022	ND	7.07	118	6.00	3.98		
Total BTX	<0.300	0.300	02/21/2022	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	128	16.0	02/18/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/19/2022	ND	239	119	200	0.501	
DRO >C10-C28*	<10.0	10.0	02/19/2022	ND	234	117	200	0.316	
EXT DRO >C28-C36	<10.0	10.0	02/19/2022	ND					

Surrogate: 1-Chlorooctane 84.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.1 % 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:	02/16/2022	Sampling Date:	02/16/2022
Reported:	02/22/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER RIDGE 104H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: B 27 @ 4' (H220616-13)

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	02/21/2022	ND	2.33	116	2.00	4.29	
Toluene*	<0.050	0.050	02/21/2022	ND	2.30	115	2.00	4.30	
Ethylbenzene*	<0.050	0.050	02/21/2022	ND	2.30	115	2.00	4.18	
Total Xylenes*	<0.150	0.150	02/21/2022	ND	7.07	118	6.00	3.98	
Total BTEx	<0.300	0.300	02/21/2022	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	192	16.0	02/18/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/19/2022	ND	239	119	200	0.501	
DRO >C10-C28*	45.1	10.0	02/19/2022	ND	234	117	200	0.316	
EXT DRO >C28-C36	<10.0	10.0	02/19/2022	ND					

Surrogate: 1-Chlorooctane 81.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.9 % 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:	02/16/2022	Sampling Date:	02/16/2022
Reported:	02/22/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER RIDGE 104H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: B 28 @ 4' (H220616-14)

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	02/21/2022	ND	2.33	116	2.00	4.29		
Toluene*	<0.050	0.050	02/21/2022	ND	2.30	115	2.00	4.30		
Ethylbenzene*	<0.050	0.050	02/21/2022	ND	2.30	115	2.00	4.18		
Total Xylenes*	<0.150	0.150	02/21/2022	ND	7.07	118	6.00	3.98		
Total BTX	<0.300	0.300	02/21/2022	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	02/18/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/19/2022	ND	239	119	200	0.501	
DRO >C10-C28*	<10.0	10.0	02/19/2022	ND	234	117	200	0.316	
EXT DRO >C28-C36	<10.0	10.0	02/19/2022	ND					

Surrogate: 1-Chlorooctane 79.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 83.7 % 59.5-142

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Analytical Results For:

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

Received:	02/16/2022	Sampling Date:	02/16/2022
Reported:	02/22/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER RIDGE 104H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: B 29 @ 4' (H220616-15)

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	02/21/2022	ND	2.33	116	2.00	4.29		
Toluene*	<0.050	0.050	02/21/2022	ND	2.30	115	2.00	4.30		
Ethylbenzene*	<0.050	0.050	02/21/2022	ND	2.30	115	2.00	4.18		
Total Xylenes*	<0.150	0.150	02/21/2022	ND	7.07	118	6.00	3.98		
Total BTEx	<0.300	0.300	02/21/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	02/18/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/19/2022	ND	239	119	200	0.501	
DRO >C10-C28*	<10.0	10.0	02/19/2022	ND	234	117	200	0.316	
EXT DRO >C28-C36	<10.0	10.0	02/19/2022	ND					

Surrogate: 1-Chlorooctane 77.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 82.2 % 59.5-142

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Analytical Results For:

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

Received:	02/16/2022	Sampling Date:	02/16/2022
Reported:	02/22/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER RIDGE 104H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: B 30 @ 4' (H220616-16)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/21/2022	ND	2.33	116	2.00	4.29		
Toluene*	<0.050	0.050	02/21/2022	ND	2.30	115	2.00	4.30		
Ethylbenzene*	<0.050	0.050	02/21/2022	ND	2.30	115	2.00	4.18		
Total Xylenes*	<0.150	0.150	02/21/2022	ND	7.07	118	6.00	3.98		
Total BTEx	<0.300	0.300	02/21/2022	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	208	16.0	02/18/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/19/2022	ND	239	119	200	0.501	
DRO >C10-C28*	<10.0	10.0	02/19/2022	ND	234	117	200	0.316	
EXT DRO >C28-C36	<10.0	10.0	02/19/2022	ND					

Surrogate: 1-Chlorooctane 77.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 82.4 % 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:	02/16/2022	Sampling Date:	02/16/2022
Reported:	02/22/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER RIDGE 104H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: B 31 @ 4' (H220616-17)

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	02/21/2022	ND	2.33	116	2.00	4.29	
Toluene*	<0.050	0.050	02/21/2022	ND	2.30	115	2.00	4.30	
Ethylbenzene*	<0.050	0.050	02/21/2022	ND	2.30	115	2.00	4.18	
Total Xylenes*	<0.150	0.150	02/21/2022	ND	7.07	118	6.00	3.98	
Total BTEx	<0.300	0.300	02/21/2022	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	02/18/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/19/2022	ND	239	119	200	0.501	
DRO >C10-C28*	25.4	10.0	02/19/2022	ND	234	117	200	0.316	
EXT DRO >C28-C36	<10.0	10.0	02/19/2022	ND					

Surrogate: 1-Chlorooctane 71.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 77.5 % 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:	02/16/2022	Sampling Date:	02/16/2022
Reported:	02/22/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER RIDGE 104H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: B 32 @ 4' (H220616-18)

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	02/21/2022	ND	2.33	116	2.00	4.29	
Toluene*	<0.050	0.050	02/21/2022	ND	2.30	115	2.00	4.30	
Ethylbenzene*	<0.050	0.050	02/21/2022	ND	2.30	115	2.00	4.18	
Total Xylenes*	<0.150	0.150	02/21/2022	ND	7.07	118	6.00	3.98	
Total BTEx	<0.300	0.300	02/21/2022	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	02/18/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/19/2022	ND	239	119	200	0.501	
DRO >C10-C28*	<10.0	10.0	02/19/2022	ND	234	117	200	0.316	
EXT DRO >C28-C36	<10.0	10.0	02/19/2022	ND					

Surrogate: 1-Chlorooctane 67.8 % 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:	02/16/2022	Sampling Date:	02/16/2022
Reported:	02/22/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER RIDGE 104H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: B 33 @ 4' (H220616-19)

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	02/21/2022	ND	2.33	116	2.00	4.29		
Toluene*	<0.050	0.050	02/21/2022	ND	2.30	115	2.00	4.30		
Ethylbenzene*	<0.050	0.050	02/21/2022	ND	2.30	115	2.00	4.18		
Total Xylenes*	<0.150	0.150	02/21/2022	ND	7.07	118	6.00	3.98		
Total BTX	<0.300	0.300	02/21/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/18/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/18/2022	ND	204	102	200	2.10	
DRO >C10-C28*	<10.0	10.0	02/18/2022	ND	207	104	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	02/18/2022	ND					

Surrogate: 1-Chlorooctane 67.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 67.7 % 59.5-142

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Analytical Results For:

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

Received:	02/16/2022	Sampling Date:	02/16/2022
Reported:	02/22/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER RIDGE 104H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: B 34 @ 4' (H220616-20)

BTX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/21/2022	ND	2.33	116	2.00	4.29	
Toluene*	0.186	0.050	02/21/2022	ND	2.30	115	2.00	4.30	GC-NC1
Ethylbenzene*	<0.050	0.050	02/21/2022	ND	2.30	115	2.00	4.18	
Total Xylenes*	4.32	0.150	02/21/2022	ND	7.07	118	6.00	3.98	GC-NC1
Total BTX	4.51	0.300	02/21/2022	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 148 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	02/18/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	87.8	10.0	02/18/2022	ND	204	102	200	2.10	
DRO >C10-C28*	491	10.0	02/18/2022	ND	207	104	200	1.35	
EXT DRO >C28-C36	61.4	10.0	02/18/2022	ND					

Surrogate: 1-Chlorooctane 71.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 73.8 % 59.5-142

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Analytical Results For:

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

Received:	02/16/2022	Sampling Date:	02/16/2022
Reported:	02/22/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER RIDGE 104H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: B 35 @ 4' (H220616-21)

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	02/21/2022	ND	2.33	116	2.00	4.29	
Toluene*	<0.050	0.050	02/21/2022	ND	2.30	115	2.00	4.30	
Ethylbenzene*	<0.050	0.050	02/21/2022	ND	2.30	115	2.00	4.18	
Total Xylenes*	<0.150	0.150	02/21/2022	ND	7.07	118	6.00	3.98	
Total BTEx	<0.300	0.300	02/21/2022	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	02/18/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/18/2022	ND	204	102	200	2.10	
DRO >C10-C28*	37.1	10.0	02/18/2022	ND	207	104	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	02/18/2022	ND					

Surrogate: 1-Chlorooctane 78.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 85.3 % 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:	02/16/2022	Sampling Date:	02/16/2022
Reported:	02/22/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER RIDGE 104H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: B 36 @ 4' (H220616-22)

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	02/21/2022	ND	2.33	116	2.00	4.29	
Toluene*	<0.050	0.050	02/21/2022	ND	2.30	115	2.00	4.30	
Ethylbenzene*	<0.050	0.050	02/21/2022	ND	2.30	115	2.00	4.18	
Total Xylenes*	<0.150	0.150	02/21/2022	ND	7.07	118	6.00	3.98	
Total BTEx	<0.300	0.300	02/21/2022	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	02/18/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/18/2022	ND	204	102	200	2.10	
DRO >C10-C28*	<10.0	10.0	02/18/2022	ND	207	104	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	02/18/2022	ND					

Surrogate: 1-Chlorooctane 82.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.1 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/16/2022	Sampling Date:	02/16/2022
Reported:	02/22/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER RIDGE 104H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: B 37 @ 4' (H220616-23)

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	02/20/2022	ND	2.10	105	2.00	1.92		
Toluene*	<0.050	0.050	02/20/2022	ND	2.06	103	2.00	3.52		
Ethylbenzene*	<0.050	0.050	02/20/2022	ND	1.99	99.4	2.00	2.65		
Total Xylenes*	<0.150	0.150	02/20/2022	ND	6.12	102	6.00	2.63		
Total BTEx	<0.300	0.300	02/20/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	02/18/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/18/2022	ND	204	102	200	2.10	
DRO >C10-C28*	<10.0	10.0	02/18/2022	ND	207	104	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	02/18/2022	ND					

Surrogate: 1-Chlorooctane 74.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 77.9 % 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:	02/16/2022	Sampling Date:	02/16/2022
Reported:	02/22/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER RIDGE 104H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: B 38 @ 4' (H220616-24)

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	02/20/2022	ND	2.10	105	2.00	1.92	
Toluene*	<0.050	0.050	02/20/2022	ND	2.06	103	2.00	3.52	
Ethylbenzene*	<0.050	0.050	02/20/2022	ND	1.99	99.4	2.00	2.65	
Total Xylenes*	<0.150	0.150	02/20/2022	ND	6.12	102	6.00	2.63	
Total BTX	<0.300	0.300	02/20/2022	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	80.0	16.0	02/18/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/18/2022	ND	204	102	200	2.10	
DRO >C10-C28*	11.8	10.0	02/18/2022	ND	207	104	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	02/18/2022	ND					

Surrogate: 1-Chlorooctane 78.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 84.0 % 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:	02/16/2022	Sampling Date:	02/16/2022
Reported:	02/22/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER RIDGE 104H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: B 39 @ 4' (H220616-25)

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	02/20/2022	ND	2.10	105	2.00	1.92		
Toluene*	<0.050	0.050	02/20/2022	ND	2.06	103	2.00	3.52		
Ethylbenzene*	<0.050	0.050	02/20/2022	ND	1.99	99.4	2.00	2.65		
Total Xylenes*	<0.150	0.150	02/20/2022	ND	6.12	102	6.00	2.63		
Total BTEx	<0.300	0.300	02/20/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/18/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/18/2022	ND	204	102	200	2.10	
DRO >C10-C28*	<10.0	10.0	02/18/2022	ND	207	104	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	02/18/2022	ND					

Surrogate: 1-Chlorooctane 77.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 82.0 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/16/2022	Sampling Date:	02/16/2022
Reported:	02/22/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER RIDGE 104H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: B 40 @ 4' (H220616-26)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/20/2022	ND	2.10	105	2.00	1.92		
Toluene*	<0.050	0.050	02/20/2022	ND	2.06	103	2.00	3.52		
Ethylbenzene*	<0.050	0.050	02/20/2022	ND	1.99	99.4	2.00	2.65		
Total Xylenes*	<0.150	0.150	02/20/2022	ND	6.12	102	6.00	2.63		
Total BTEX	<0.300	0.300	02/20/2022	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	02/18/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/18/2022	ND	204	102	200	2.10	
DRO >C10-C28*	26.2	10.0	02/18/2022	ND	207	104	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	02/18/2022	ND					

Surrogate: 1-Chlorooctane 74.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 79.3 % 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:	02/16/2022	Sampling Date:	02/16/2022
Reported:	02/22/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER RIDGE 104H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: B 41 @ 4' (H220616-27)

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	02/20/2022	ND	2.10	105	2.00	1.92		
Toluene*	<0.050	0.050	02/20/2022	ND	2.06	103	2.00	3.52		
Ethylbenzene*	<0.050	0.050	02/20/2022	ND	1.99	99.4	2.00	2.65		
Total Xylenes*	<0.150	0.150	02/20/2022	ND	6.12	102	6.00	2.63		
Total BTEX	<0.300	0.300	02/20/2022	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	02/18/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/19/2022	ND	204	102	200	2.10	
DRO >C10-C28*	<10.0	10.0	02/19/2022	ND	207	104	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	02/19/2022	ND					

Surrogate: 1-Chlorooctane 82.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.2 % 59.5-142

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Analytical Results For:

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

Received:	02/16/2022	Sampling Date:	02/16/2022
Reported:	02/22/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER RIDGE 104H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: B 42 @ 4' (H220616-28)

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	02/20/2022	ND	2.10	105	2.00	1.92		
Toluene*	<0.050	0.050	02/20/2022	ND	2.06	103	2.00	3.52		
Ethylbenzene*	<0.050	0.050	02/20/2022	ND	1.99	99.4	2.00	2.65		
Total Xylenes*	<0.150	0.150	02/20/2022	ND	6.12	102	6.00	2.63		
Total BTEX	<0.300	0.300	02/20/2022	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	02/18/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/19/2022	ND	204	102	200	2.10	
DRO >C10-C28*	13.3	10.0	02/19/2022	ND	207	104	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	02/19/2022	ND					

Surrogate: 1-Chlorooctane 69.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 73.7 % 59.5-142

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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
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>Diamond Ridge</u>		P.O. #:		ANALYSIS REQUEST			
Project Manager: <u>Justin R.</u>		Company:					
Address:		Attn:					
City: <u>Hobbs</u>		State: <u>NM</u> Zip: <u>88240</u>					
Phone #:		Address:					
Project #:		City:					
Project Name:		State:					
Project Location: <u>Forty nine Ridge 104H</u>		Phone #:					
Sampler Name: <u>Joe Quasada Jr.</u>		Fax #:					
FOR LAB USE ONLY		PRESERV		SAMPLING			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX			
				GROUNDWATER			
				WASTEWATER			
				SOIL			
				OIL			
				SLUDGE			
				OTHER :			
				ACID/BASE:			
				ICE / COOL			
				OTHER :			
				DATE	TIME		
<u>H220616</u>				<u>2-11-10</u>			
1 B15 @ 3'	C1			10:30	X	X	
2 B16 @ 3'	C1			10:32	X	X	
3 B17 @ 3'	C1			10:34	X	X	
4 B18 @ 3'	C1			10:36	X	X	
5 B19 @ 4'	C1			10:38	X	X	
6 B20 @ 4'	C1			10:40	X	X	
7 B21 @ 4'	C1			10:42	X	X	
8 B22 @ 4'	C1			10:44	X	X	
9 B23 @ 3'	C1			10:46	X	X	
10 B24 @ 3'	C1			10:48	X	X	

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Relinquished By: <u>Joe Quasada Jr.</u>	Date: <u>2-11-10</u>	Received By: <u>Justin R. Doe</u>	Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:
Relinquished By: <u>Justin R. Doe</u>	Date: <u>2-11-10</u>	Received By: <u>Justin R. Doe</u>	All Results are emailed. Please provide Email address:	
REMARKS: <u>Justin R. Doe</u>				

Delivered By: (Circle One)	Observed Temp. °C	Sample Condition	CHECKED BY: (Initials)	Turnaround Time:	Standard	Bacteria (only)
Sampler - UPS - Bus - Other:	Corrected Temp. °C	Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>	<u>JP</u>	Thermometer ID #113	<u>Rush</u>	Cool <input type="checkbox"/> Intact <input type="checkbox"/>
		No <input type="checkbox"/> Yes <input type="checkbox"/>		Correction Factor -0.5°C		Observed Temp. °C
						Corrected Temp. °C

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



Page 32 of 33

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Diamond Bulk Project Manager: Justin R.				BILL TO				ANALYSIS REQUEST			
Address: 1 City: Hobbs State: NM Zip: 88401 Phone #: Fax #: Project Owner:				P.O. #: Company: Attn: Address: City: State: Zip:							
Project Name:				Project Location: Four Nine Ridge 1044							
Sample Name: Joe D. S. S. S. S. S.				Fax #:							
FOR LAB USE ONLY				MATRIX							
Lab I.D. Sample I.D.				(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:							
H220616				DATE TIME							
31 B35 04'				2-17 11:10							
32 B36 04'				12:08							
33 B37 04'				12:10							
34 B38 04'				12:12							
35 B39 04'				12:14							
36 B40 04'				12:16							
37 B41 04'				12:18							
38 B42 04'				12:20							

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Relinquished By:				Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:			
Relinquished By: Justin R.				All Results are emailed. Please provide Email address:			
Date: 2-16 Time: 14:35				Received By: Justin R.			
Date: Time:				Received By:			
Delivered By: (Circle One)				Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>			
Sampler - UPS - Bus - Other:				Thermometer ID #113 Bacteria (only) Sample Condition			
Corrected Temp. °C 21				Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Observed Temp. °C			
Corrected Temp. °C				Corrected Temp. °C			



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

February 28, 2022

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: FOURTY NINER RIDGE 104H

Enclosed are the results of analyses for samples received by the laboratory on 02/22/22 16:15.

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

Cardinal Laboratories is 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:	02/22/2022	Sampling Date:	02/22/2022
Reported:	02/28/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER RIDGE 104H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: B 1 @ 3' (H220686-01)

BTX 8021B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2022	ND	2.14	107	2.00	1.71	
Toluene*	<0.050	0.050	02/25/2022	ND	2.13	107	2.00	1.76	
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.06	103	2.00	1.85	
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.33	106	6.00	0.569	
Total BTX	<0.300	0.300	02/25/2022	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	02/25/2022	ND	416	104	400	3.77	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2022	ND	200	100	200	12.8	
DRO >C10-C28*	<10.0	10.0	02/24/2022	ND	196	98.1	200	2.72	
EXT DRO >C28-C36	<10.0	10.0	02/24/2022	ND					

Surrogate: 1-Chlorooctane 76.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 76.5 % 59.5-142

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/22/2022	Sampling Date:	02/22/2022
Reported:	02/28/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER RIDGE 104H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: W 4 BGS 0-2' (H220686-02)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/25/2022	ND	2.14	107	2.00	1.71		
Toluene*	<0.050	0.050	02/25/2022	ND	2.13	107	2.00	1.76		
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.06	103	2.00	1.85		
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.33	106	6.00	0.569		
Total BTEx	<0.300	0.300	02/25/2022	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	02/25/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2022	ND	200	100	200	12.8	
DRO >C10-C28*	<10.0	10.0	02/24/2022	ND	196	98.1	200	2.72	
EXT DRO >C28-C36	<10.0	10.0	02/24/2022	ND					

Surrogate: 1-Chlorooctane 85.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 85.4 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/22/2022	Sampling Date:	02/22/2022
Reported:	02/28/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER RIDGE 104H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: W 6 BGS 0-3' (H220686-03)

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	02/25/2022	ND	2.14	107	2.00	1.71	
Toluene*	<0.050	0.050	02/25/2022	ND	2.13	107	2.00	1.76	
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.06	103	2.00	1.85	
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.33	106	6.00	0.569	
Total BTX	<0.300	0.300	02/25/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	02/25/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2022	ND	200	100	200	12.8	
DRO >C10-C28*	<10.0	10.0	02/24/2022	ND	196	98.1	200	2.72	
EXT DRO >C28-C36	<10.0	10.0	02/24/2022	ND					

Surrogate: 1-Chlorooctane 79.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 79.2 % 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:	02/22/2022	Sampling Date:	02/22/2022
Reported:	02/28/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER RIDGE 104H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: B 34 @ 5' (H220686-04)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2022	ND	2.14	107	2.00	1.71	
Toluene*	<0.050	0.050	02/25/2022	ND	2.13	107	2.00	1.76	
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.06	103	2.00	1.85	
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.33	106	6.00	0.569	
Total BTEx	<0.300	0.300	02/25/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/25/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2022	ND	200	100	200	12.8	
DRO >C10-C28*	<10.0	10.0	02/24/2022	ND	196	98.1	200	2.72	
EXT DRO >C28-C36	<10.0	10.0	02/24/2022	ND					

Surrogate: 1-Chlorooctane 85.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 84.7 % 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 cursive script, 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

[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 105588

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 105588
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NAPP2131359766 FORTY NINER RIDGE UNIT #104H, thank you. This closure is approved.	6/15/2022