



BASS 5 TANK BATTERY – NAPP2514349525

Remediation / Reclamation Closure Report

API No. 30-025-34550

N-30-20S-33E

Private Surface Ownership

32.53864856,-103.7044379 NAD83



2525 NW County Rd
Hobbs, NM 88240
[\(575\) 392-9996](tel:5753929996)

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Introduction

Diamondback Disposal Services, Inc. has prepared this Remediation and Reclamation Closure Report for the Bass 5 Tank Battery release site, identified as Incident ID NAPP2514349525, located in Lea County, New Mexico. This report documents the remediation, corrective actions, and reclamation activities completed in response to the release and is submitted in support of regulatory review and closure by the New Mexico Oil Conservation Division.

The scope of this report includes site characterization, remediation activities, confirmation sampling, restoration documentation, and closure evaluation for impacted soils within the project footprint. Activities were conducted in accordance with 19.15.29 NMAC and applicable provisions of 19.2.24 NMAC.

Site Information

Operator of Record: Paloma Permian AssetCo, LLC

Facility Name: Bass 5 Tank Battery

Incident ID: NAPP2514349525

GPS Coordinates: 32.53864856,-103.7044379 NAD83

PLSS: N-30-20S-33E

The site can be accessed from the intersection of HWY 62/180 and NM 176:

- Turn East off of 62/180 onto NM 176 and drive for approximately 1.4 miles.
- Turn south onto the lease road and continue for 0.7 miles to the site location.

A directional map is provided on the first page of Appendix B.

Incident History

- The lease operator arrived on location and observed that the load line connection on the produced water tank had been damaged and severed, reportedly due to a suspected vehicular accident. The incident is documented under OCD Incident ID NAPP2514349525.
- The damaged connection resulted in a major release as defined under 19.15.29.7(A) NMAC. Approximately 50 barrels of produced water were released, of which approximately 10 barrels were recovered. The remaining 40 barrels of produced water impacted surrounding soils. The

released produced water contained chloride concentrations greater than 10,000 mg/L.

Approximately 1 barrel of crude oil was also released and recovered.

- Upon discovery, the source of the release was secured and isolated to prevent further discharge. The affected area was controlled to protect human health and the environment. Free liquids and recoverable materials were removed and properly managed. Initial response actions were conducted in accordance with 19.15.29 NMAC.
- This event did not impact any surface water or ground water based on information gathered from the NMOSE database website.

Water Resources and Remediation Considerations

(See Appendix A for topographical information and mapping)

A review of available water resource, topographic, wetland, floodplain, and karst information was completed to evaluate site conditions and remediation considerations for the Bass 5 Tank Battery release area.

- Groundwater depth at the site is classified as greater than 100 feet below ground surface. The New Mexico Office of the State Engineer iWATERS database did not identify a qualifying groundwater data point within the standard one-half mile radius of the site. OCD approved a variance/leniency allowing use of well CP-02063, located approximately 0.55 miles from the release area, as the qualifying data point for this site. CP-02063 was advanced to 105 feet below ground surface, and no groundwater was encountered. The OCD variance/grant email is provided in Appendix D.
- The nearest continuously flowing watercourse identified on USGS topographic mapping is located approximately 1.3 miles north of the excavation area.
- A freshwater emergent wetland is located approximately 0.6 miles southwest of the site.
- The nearest occupied structure is a private dwelling located approximately 0.7 miles southwest of the site.
- No municipal boundary is located within 5 miles of the site. The nearest mapped municipal/public water system boundary is approximately 24.2 miles northeast of the site.
- The Intrepid East Potash Mine is located approximately 4.9 miles west of the site.

- The site is located within a mapped medium karst occurrence zone. A site-specific karst survey was completed for the Bass 5 Tank Battery release area. The karst survey found no surface karst features within 200 feet of the spill delineation boundary, identified no anomalies consistent with subsurface air- or water-filled voids within the geophysical survey area, and interpreted stable ground conditions beneath the surveyed area. The full karst survey report is provided in Appendix E.
- A riverine feature is directly North approximately 1 miles of the site.
- FEMA Flood Insurance Rate Map review indicates the site is mapped within Zone D. The nearest mapped 100-year flood hazard area shown in the review materials is approximately 34.3 miles northeast of the excavation area.

Soil Remediation Standards

Soil remediation and closure criteria were applied in accordance with Table 1 of 19.15.29.12 NMAC. Groundwater depth for the site is classified as greater than 100 feet below ground surface based on OCD acceptance of well CP-02063 as the qualifying groundwater data point for the site.

All excavation areas, sidewalls, and confirmation samples were evaluated using the Table 1 closure criteria applicable to groundwater depth greater than 100 feet below ground surface. These criteria were applied uniformly across the excavation footprint to evaluate remediation progress and support closure under 19.15.29 NMAC.

(See Table Below)

Table 1: NMAC 19.15.29.12 Closure Criteria

Groundwater Depth	BTEX (mg/kg)	Benzene (mg/kg)	TPH GRO+DRO+MRO (mg/kg)	GRO+DRO (mg/kg)	Chloride (mg/kg)
>100 feet	50	10	2,500	1,000	20,000

Remediation Activities

Initial delineation and field screening activities were conducted between June 27, 2025, and June 30, 2025. During this phase, field screening was completed to evaluate the extent of impacted soils within the release footprint and to guide subsequent excavation activities. Field screening included 27 samples

field tested on June 27, 2025, and 16 samples field tested on June 30, 2025. Analytical results from the June 30, 2025 sampling event identified impacts above the applicable Table 1 closure criteria for groundwater depth greater than 100 feet below ground surface.

Following delineation, additional field screening was conducted on September 8, 2025. Based on field observations, delineation results, and analytical results identifying impacted material, excavation and soil removal activities were conducted between September 10, 2025, and September 11, 2025. Approximately 24 cubic yards of impacted material were removed from the site during this phase.

Prior to confirmation sampling, 48-hour notice was provided to the New Mexico Oil Conservation Division in accordance with 19.15.29.12.D(1)(a) NMAC through submission of C-141N Notifications for Final Sampling. The official sampling notices are included in Appendix D, Communications / Historical Records. Confirmation sampling was conducted in accordance with 19.15.29.12.D NMAC.

Confirmation sampling of excavation floors and sidewalls was conducted on September 11, 2025. Excavation floor and sidewall samples were collected as five-point composite samples, with each sample representing no more than 200 square feet of excavation surface area. Samples were collected using decontaminated sampling equipment, placed in laboratory-supplied containers, and submitted under complete chain of custody to an accredited laboratory for analysis of chlorides, total petroleum hydrocarbons, and BTEX compounds. Analytical results were evaluated in accordance with Table 1 of 19.15.29.12 NMAC for groundwater depth greater than 100 feet below ground surface.

Analytical results from the September 11, 2025 confirmation sampling event identified remaining impacts in portions of the excavation base. In response, additional excavation, hauling, backfill, and reclamation activities were conducted on September 29, 2025. During this phase, approximately 48 cubic yards of impacted material were removed from the site, and approximately 48 cubic yards of material were hauled into the site for backfill and restoration.

Follow-up confirmation sampling was conducted on October 3, 2025, following OCD acceptance of the C-141N Notification for Final Sampling under Application ID 510462. The October 3, 2025

sampling event included follow-up base samples collected from areas where additional vertical evaluation was required. The official OCD sampling notice is included in Appendix D.

Additional follow-up sampling was conducted on November 7, 2025, to further evaluate the remaining B10 area. Analytical results from the November 7, 2025 sample indicated that additional impacted material remained in a limited area.

Additional excavation and soil removal were conducted on January 13, 2026, in response to the remaining impacted material identified during follow-up sampling. Approximately 12 cubic yards of impacted material were removed from the site during this phase.

Final confirmation sampling of the remaining B10 area was conducted on February 17, 2026. Analytical results confirmed that the remaining sample area met the applicable Table 1 closure criteria for groundwater depth greater than 100 feet below ground surface.

Final excavation and restoration activities were conducted on February 27, 2026, to complete the remediation effort and restore the affected area. In total, approximately 84 cubic yards of material were hauled offsite, and approximately 48 cubic yards of material were hauled into the site. Remediation activities were completed within the existing battery pad footprint, and all identified impacts remained on pad. Because the affected area is located within an active operational pad, no revegetation was performed or required at this time. Revegetation and final reclamation will be completed upon future facility decommissioning and final site abatement, in accordance with applicable regulatory requirements. Final excavation and restoration photographs are provided in Appendix C. Analytical summaries and associated site maps are provided in Appendix B, and complete laboratory analytical reports are included in the laboratory analytical section of the report.

Conclusion

Remediation activities at the Bass 5 Tank Battery site in Lea County, New Mexico, were conducted in response to OCD Incident ID NAPP2514349525 involving a release of produced water and crude oil. Impacted soils associated with the release were excavated and properly removed for offsite disposal. Confirmation sampling was conducted in accordance with 19.15.29 NMAC and demonstrated

compliance with the applicable closure criteria set forth in Table 1 of 19.15.29.12 NMAC for groundwater depth greater than 100 feet below ground surface.

All remediation excavation, backfilling, grading, and surface restoration activities have been completed. Remediation activities were completed within the existing battery pad footprint, and all identified impacts remained on pad. Because the affected area is located within an active operational pad, no revegetation was performed or required at this time. Revegetation and final reclamation will be completed upon future facility decommissioning and final site abatement, in accordance with applicable regulatory requirements.

Based on the completion of corrective actions and the results of confirmation sampling, Diamondback Disposal Services, Inc. respectfully requests remediation closure approval for Incident ID NAPP2514349525 from the New Mexico Oil Conservation Division.

Diamondback Disposal Services, Inc. appreciates the time and consideration provided by the New Mexico Oil Conservation Division in reviewing this submittal. We remain available to provide any additional information or clarification as needed.

Appendix A

Depth to Groundwater

Topographical Information

62/180 and nm176

1.4 miles

0.7 miles

W3
H6 B7



0

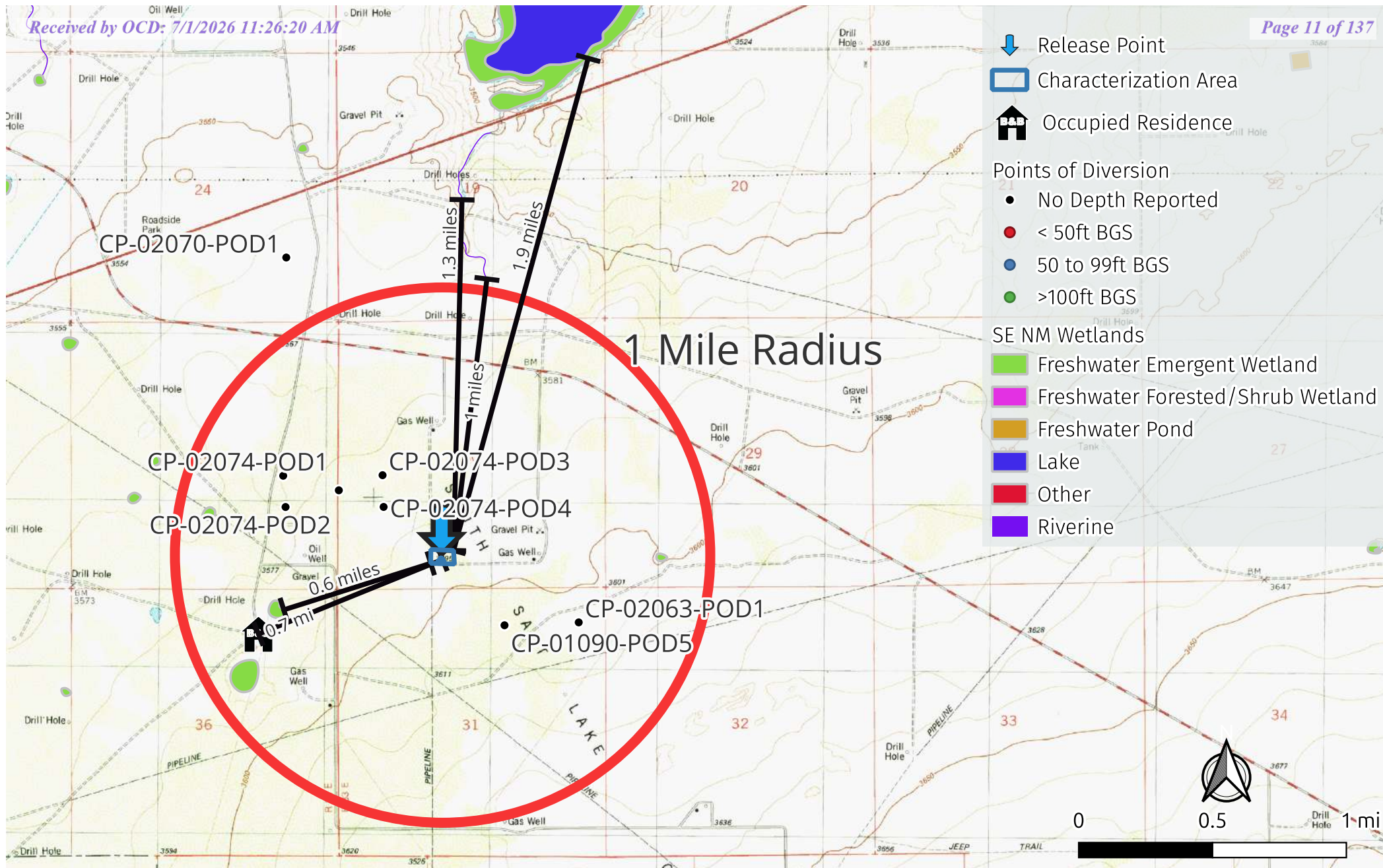
0.5

1 mi



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New Mexico Public Water Systems

Mutual Domestic Water Association

Flood Hazard Zones

- 1% Annual Chance Flood Hazard
- Regulatory Floodway
- Special Floodway
- Area of Undetermined Flood Hazard
- 0.2% Annual Chance Flood Hazard
- Future Conditions 1% Annual Chance Flood Hazard
- Area with Reduced Risk Due to Levee
- Area with Risk Due to Levee

Intrepid East Potash

5 Mile Radius

34.3 miles

24.2 miles

4.9 miles



5

10 mi



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- ↓ Release Point
- BLM KARST Risk
- Critical
 - High - Survey Required
 - Not Karst
 - Medium



0 2.5 5 mi



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Appendix B

Site Delineation Mapping and Summary Report

BASS 5 TANK BATTERY – NAPP2514349525

5PC – Side Wall Summary

SAMPLE ID	LAB ID NUMBER	SAMPLE DATE	BENZENE	TOLUENE (mg/kg)	ETHYL-BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)	TOTAL BTEX (mg/kg)	GRO C6-C10 (mg/kg)	DRO C10-C28 (mg/kg)	EXT DRO C28-C36 (mg/kg)	TOTAL TPH C6-C36 (mg/kg)	CHLORIDE
W1 @ 6"	H255724-01	9/11/25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	128
W2 @ 6"	H255724-02	9/11/25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
W3 @ 6"	H255724-03	9/11/25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0

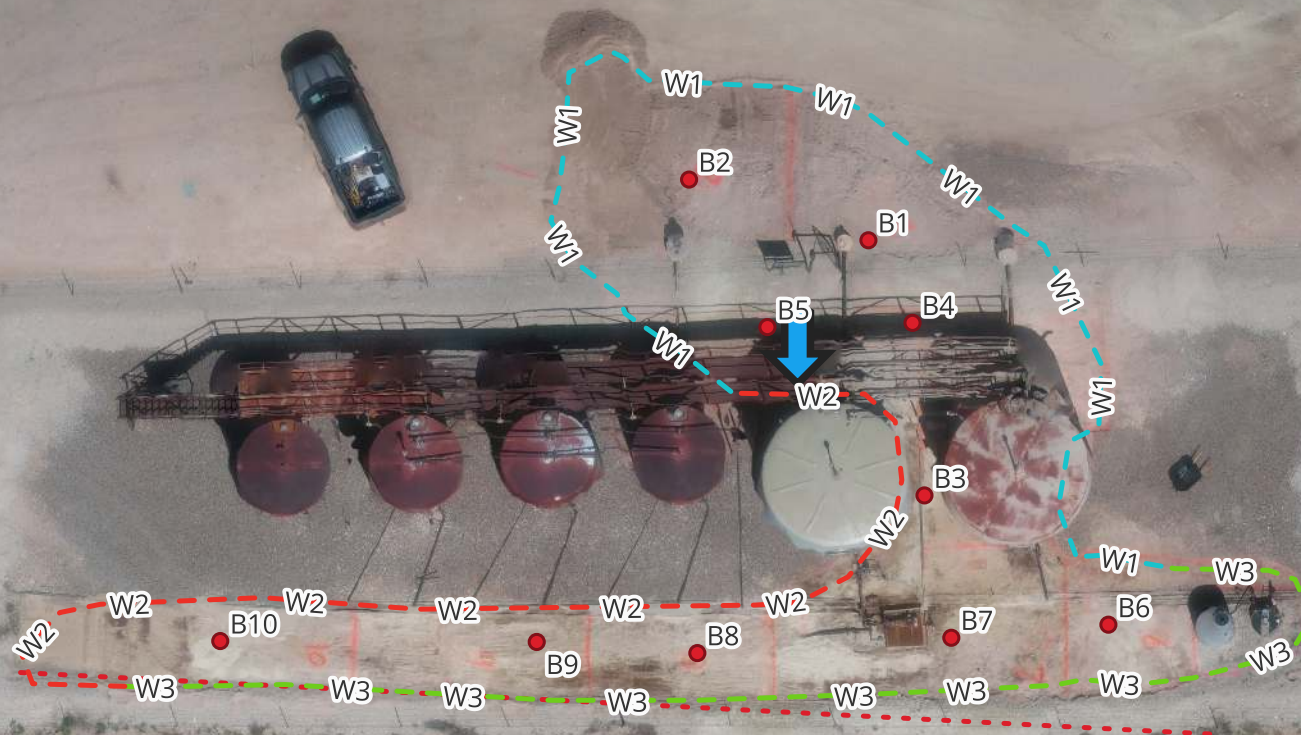
BASS 5 TANK BATTERY – NAPP2514349525

5PC – Excavation Base Summary

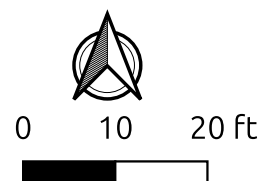
SAMPLE ID	LAB ID NUMBER	SAMPLE DATE	BENZENE	TOLUENE (mg/kg)	ETHYL-BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)	TOTAL BTEX (mg/kg)	GRO C6-C10 (mg/kg)	DRO C10-C28 (mg/kg)	EXT DRO C28-C36 (mg/kg)	TOTAL TPH C6-C36 (mg/kg)	CHLORIDE
B1 @ 6"	H255727-01	9/11/25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	1740
B2 @ 6"	H255727-02	9/11/25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	1150
B3 @ 6"	H255727-03	9/11/25	<0.050	<0.050	0.921	5.66	6.59	306	7200	1340	8846	15200
B3 @ 1'6"	H256177-01	10/3/25	<0.050	<0.050	<0.050	<0.150	<0.300	12.9	287	50.8	350.7	3880
B4 @ 6"	H255727-04	9/11/25	<0.050	<0.050	<0.050	4.09	4.09	431	8230	1510	10171	1090
B4 @ 1'6"	H256177-02	10/3/25	<0.050	<0.050	<0.050	<0.150	<0.300	10	229	40.5	279.5	3880
B5 @ 6"	H255727-05	9/11/25	<0.050	<0.050	<0.050	0.791	0.791	186	4900	990	6076	528
B5 @ 1'6"	H256177-03	10/3/25	<0.050	<0.050	0.056	<0.150	<0.300	18.6	326	57.8	402.4	3520
B6 @ 6"	H255727-06	9/11/25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	72.4	19.9	92.3	1760
B7 @ 6"	H255727-07	9/11/25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	153	47.7	200.7	5200
B8 @ 6"	H255727-08	9/11/25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48
B9 @ 6"	H255727-09	9/11/25	<0.050	<0.050	<0.050	<0.150	<0.300	39.7	3770	828	4637.7	2080
B9 @ 1'6"	H256177-04	10/3/25	<0.050	<0.050	0.113	0.483	0.596	26.2	861	158	1045.2	2200
B10 @ 6"	H255727-10	9/11/25	<0.050	<0.050	<0.050	5.01	5.01	573	8110	1310	9993	32
B10 @ 1'6"	H256177-05	10/3/25	<0.050	<0.050	0.093	0.384	0.477	30.4	1070	195	1295.4	2440
B10 @ 1'9"	H257034-01	11/7/25	<0.050	<0.050	<0.050	0.349	0.349	<50.0	8660	1840	10500	21800
B10 @ 2'	H260932-01	2/17/26	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	50.4	15.1	65.5	48

Highlighted samples have been excavated; all others remain in situ. Red lettering indicates RRAL exceedances for groundwater depth greater than 100 feet.

- ↓ Release Point
- Excavation Base "B"
- Wall Sample
- W1
 - W2
 - W3



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BASS 5 TANK BATTERY – NAPP2514349525

G – Delineation Summary

SAMPLE ID	LAB ID NUMBER	SAMPLE DATE	BENZENE	TOLUENE (mg/kg)	ETHYL-BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)	TOTAL BTEX (mg/kg)	GRO C6-C10 (mg/kg)	DRO C10-C28 (mg/kg)	EXT DRO C28-C36 (mg/kg)	TOTAL TPH C6-C36 (mg/kg)	CHLORIDE
SP1 @ S	H253936-01	6/30/25	<0.050	2.16	7.15	22.7	32	1210	24000	3940	29150	32
SP1 @ 3'	H253936-02	6/30/25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	112
SP2 @ S	H253936-03	6/30/25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	10.4	<10.0	10.4	4880
SP2 @ 4'	H253936-04	6/30/25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	11	<10.0	11	6400
SP3 @ S	H253936-05	6/30/25	<0.100	2.29	9.75	24.8	36.9	1090	13600	2350	17040	5360
SP3 @ 4'	H253936-06	6/30/25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	224
SP4 @ S	H253936-07	6/30/25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	16.8	<10.0	16.8	1500
SP4 @ 1'	H253936-08	6/30/25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16
SP5 @ S	H253936-09	6/30/25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	20.2	<10.0	20.2	4000
SP5 @ 4'	H253936-10	6/30/25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	4240

Highlighted samples have been excavated; red lettering indicates exceedances of the applicable RRLs for groundwater depth greater than 100 feet.

BASS 5 TANK BATTERY – NAPP2514349525

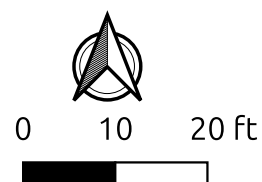
G – Horizontal Summary

SAMPLE ID	LAB ID NUMBER	SAMPLE DATE	BENZENE	TOLUENE (mg/kg)	ETHYL-BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)	TOTAL BTEX (mg/kg)	GRO C6-C10 (mg/kg)	DRO C10-C28 (mg/kg)	EXT DRO C28-C36 (mg/kg)	TOTAL TPH C6-C36 (mg/kg)	CHLORIDE
H1 @ S	H253935-01	6/30/25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	224
H2 @ S	H253935-02	6/30/25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32
H3 @ S	H253935-03	6/30/25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	176
H4 @ S	H253935-04	6/30/25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48
H5 @ S	H253935-05	6/30/25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
H6 @ S	H253935-06	6/30/25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32

- ↓ Release Point
- ◆ Vertical Sample "SP"
- Horizontal Sample "H"
- Excavation Area



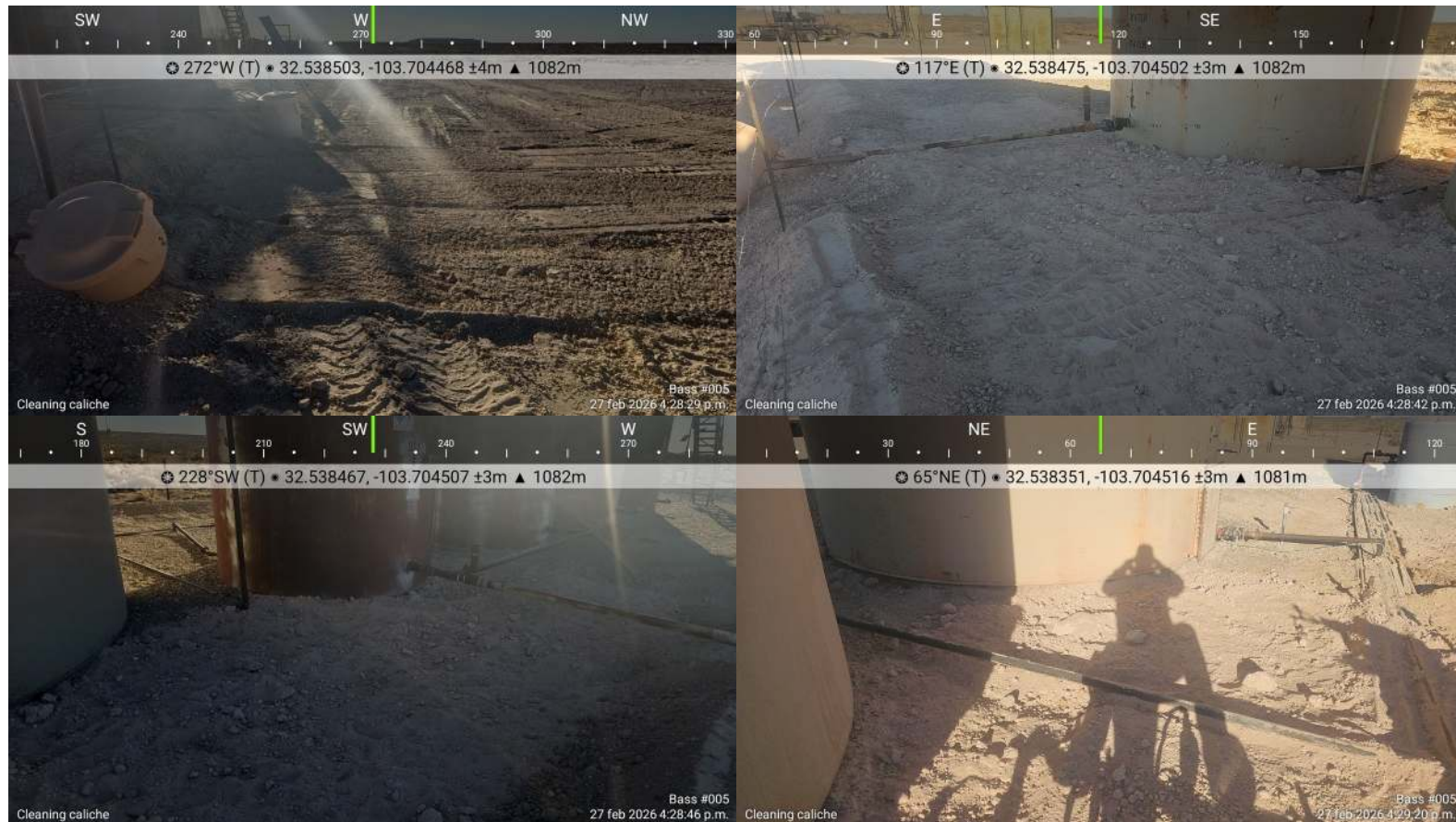
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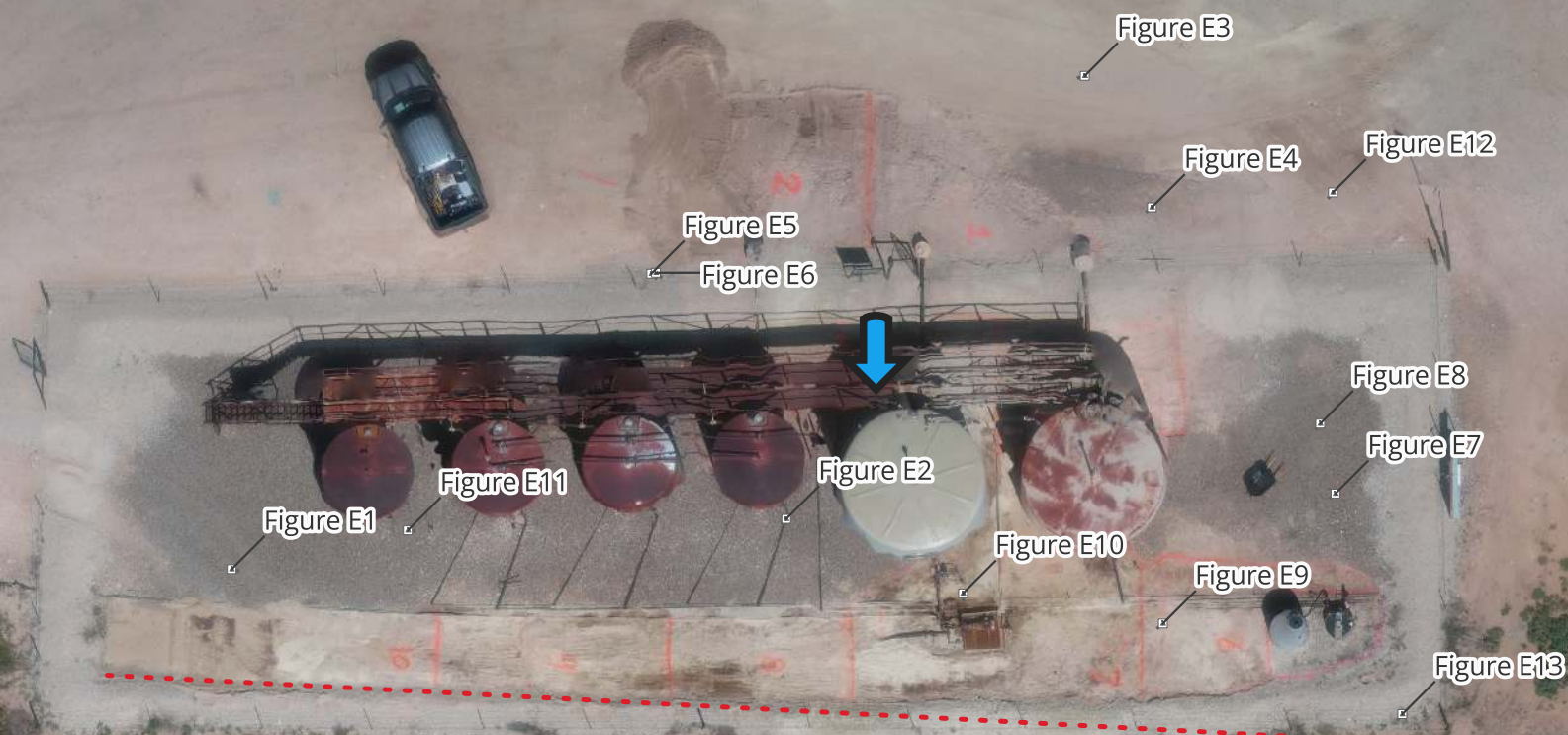


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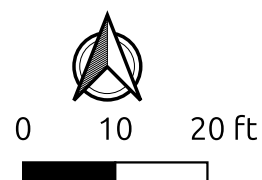
Appendix C Site Photography And Field Notes

Bass 5 Tank Battery – NAPP2514349525
Restoration Photography





Paloma Permian AssetCo, LLC
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Bass 5 Tank Battery – NAPP2514349525
Final Excavation 1-7



Figure E1



Figure E2



Figure E3



Figure E4



Figure E5



Figure E6



Figure E7

Bass 5 Tank Battery – NAPP2514349525
Final Excavation 8-13



Figure E8



Figure E9



Figure E10



Figure E11



Figure E12



Figure E13

Appendix D

Communications / Historical Records

Request for Groundwater Determination Acceptance – CP-02063 for NAPP2514349525

From: "Hamlet, Robert, EMNRD" <Robert.Hamlet@emnrd.nm.gov>
To: Jason Owsley <jasono@diamondbacknm.com>
Cc: Cameron Clark <cclark@palomaresources.com>, "Bratcher, Michael, EMNRD" <mike.bratcher@emnrd.nm.gov>
Date: Mon, 21 Jul 2025 19:30:32 +0000 (07/21/2025 01:30:32 PM)

Jason,

The groundwater determination is approved for the Well CP-02063 that is located approximately **0.55 miles** from the release area. Please include this e-mail correspondence in the remediation closure report.

Robert Hamlet • Environmental Specialist - Advanced

Environmental Bureau

EMNRD - Oil Conservation Division

506 W. Texas Ave. | Artesia, NM 88210

575.909.0302 | robert.hamlet@emnrd.nm.gov

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



From: Jason Owsley <jasono@diamondbacknm.com>
Sent: Monday, July 21, 2025 11:56 AM
To: Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Cc: Cameron Clark <cclark@palomaresources.com>
Subject: [EXTERNAL] Request for Groundwater Determination Acceptance – CP-02063 for NAPP2514349525

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

Hi Robert,

I'm writing to request acceptance of well CP-02063 as a qualifying data point for determining groundwater depth for the BASS 5 Tank Battery release site (Incident ID: NAPP2514349525).

Well CP-02063 is located approximately **0.55 miles** from the release area—slightly beyond the standard 0.5-mile screening radius. However, it meets all requirements for Table 1 classification under 19.15.29 NMAC for the **>100 ft BGS** interval:

- **Borehole depth of 105 feet BGS with no groundwater encountered**
- **Complete lithologic logging and soil descriptions**
- **72-hour waiting period prior to water-level gauging**, confirming absence of groundwater

For comparison, well CP-1090 is located closer to the site and **does meet the Table 1 criteria for the 51–100 ft BGS interval**, but the borehole was only drilled to 55 feet. As such, it does not qualify for the >100 ft depth classification.

Given the full compliance of CP-02063 and the negligible distance variance, I respectfully request a **leniency of 0.05 miles** to use CP-02063 in support of classifying groundwater depth as **greater than 100 feet BGS** for this site.

A **location map** and full documentation for both wells—including bore logs and plugging records—are included for your review.

Following confirmation of groundwater interval, we will proceed with a **karst survey** to complete site characterization.

Please let me know if you need additional information or clarification.

Best regards,

Jason Owsley

Project Manager

E: JasonO@Diamondbacknm.com

P: [\(575\)602-5998](tel:(575)602-5998)

A: [2525 NW County Rd.](#)

Request for Groundwater Determination Acceptance – CP-02063 for NAPP2514349525

From: "Hamlet, Robert, EMNRD" <Robert.Hamlet@emnrd.nm.gov>
To: Jason Owsley <jasono@diamondbacknm.com>
Cc: Cameron Clark <cclark@palomaresources.com>, "Bratcher, Michael, EMNRD" <mike.bratcher@emnrd.nm.gov>
Date: Mon, 21 Jul 2025 19:30:32 +0000 (07/21/2025 01:30:32 PM)

Jason,

The groundwater determination is approved for the Well CP-02063 that is located approximately **0.55 miles** from the release area. Please include this e-mail correspondence in the remediation closure report.

Robert Hamlet • Environmental Specialist - Advanced

Environmental Bureau

EMNRD - Oil Conservation Division

506 W. Texas Ave. | Artesia, NM 88210

575.909.0302 | robert.hamlet@emnrd.nm.gov

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



From: Jason Owsley <jasono@diamondbacknm.com>
Sent: Monday, July 21, 2025 11:56 AM
To: Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Cc: Cameron Clark <cclark@palomaresources.com>
Subject: [EXTERNAL] Request for Groundwater Determination Acceptance – CP-02063 for NAPP2514349525

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

Hi Robert,

I'm writing to request acceptance of well CP-02063 as a qualifying data point for determining groundwater depth for the BASS 5 Tank Battery release site (Incident ID: NAPP2514349525).

Well CP-02063 is located approximately **0.55 miles** from the release area—slightly beyond the standard 0.5-mile screening radius. However, it meets all requirements for Table 1 classification under 19.15.29 NMAC for the **>100 ft BGS** interval:

- **Borehole depth of 105 feet BGS with no groundwater encountered**
- **Complete lithologic logging and soil descriptions**
- **72-hour waiting period prior to water-level gauging**, confirming absence of groundwater

For comparison, well CP-1090 is located closer to the site and **does meet the Table 1 criteria for the 51–100 ft BGS interval**, but the borehole was only drilled to 55 feet. As such, it does not qualify for the >100 ft depth classification.

Given the full compliance of CP-02063 and the negligible distance variance, I respectfully request a **leniency of 0.05 miles** to use CP-02063 in support of classifying groundwater depth as **greater than 100 feet BGS** for this site.

A **location map** and full documentation for both wells—including bore logs and plugging records—are included for your review.

Following confirmation of groundwater interval, we will proceed with a **karst survey** to complete site characterization.

Please let me know if you need additional information or clarification.

Best regards,

Jason Owsley

Project Manager

E: JasonO@Diamondbacknm.com

P: [\(575\)602-5998](tel:(575)602-5998)

A: [2525 NW County Rd.](#)

The Oil Conservation Division (OCD) has accepted the application, Application ID: 510462

From: OCDOnline@state.nm.us

To: jasono@diamondbacknm.com

Date: Tue, 30 Sep 2025 05:50:20 -0600

To whom it may concern (c/o Jason Owsley for Paloma Permian AssetCo, LLC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2514349525.

The sampling event is expected to take place:

When: 10/03/2025 @ 09:00

Where: N-30-20S-33E 660 FSL 2080 FWL (32.53864856,-103.7044379)

Additional Information: Julio Rivera 806-837-6057

Additional Instructions: From the corner of Goathead Road and NM-176, head east on NM-176 for 0.5 miles to a lease road on the right. Turn right and head south for 0.2 miles to an existing location. Pass through this location and continue south for another 0.4 miles to a location on the left, which is also the start of the project. Office

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**
- **If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department

1220 South St. Francis Drive
Santa Fe, NM 87505

The Oil Conservation Division (OCD) has accepted the application, Application ID: 552797

From: OCDOnline@emnrd.nm.gov

To: jasono@diamondbacknm.com

Date: Wed, 11 Feb 2026 11:34:59 -0700

To whom it may concern (c/o Jason Owsley for Paloma Permian AssetCo, LLC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2514349525.

The sampling event is expected to take place:

When: 02/16/2026 @ 09:00

Where: N-30-20S-33E 660 FSL 2080 FWL (32.53864856,-103.7044379)

Additional Information: jason owsley
575-602-5998

Additional Instructions: From the corner of Goathead Road and NM-176, head east on NM-176 for 0.5 miles to a lease road on the right. Turn right and head south for 0.2 miles to an existing location. Pass through this location and continue south for another 0.4 miles to a location on the left, which is also the start of the project

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

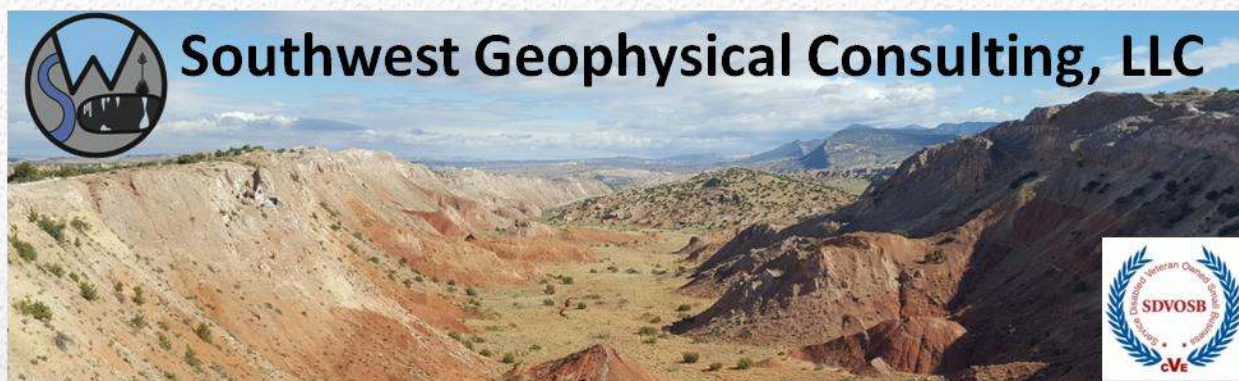
- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**
- **If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

Appendix E

Environmental Resources Review



Environmental Karst Study Report Bass 5 Tank Battery Lea County, New Mexico

**Prepared For:
Diamondback Disposal Services, Inc.
2525 West County Road
Hobbs, NM 88240**

Within 200 feet of the spill delineation boundary:

☒ Negative ☐ Positive for surface karst

☒ Stable ☐ Unstable Ground

☐ Karst Monitor Recommended

August 11, 2025

DIAD-002-20250712

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Southwest Geophysical Consulting, LLC
5117 Fairfax Dr. NW
Albuquerque, NM 87114
(505) 585-2550
www.swgeophys.com

Prepared by:

Garrett Jorgensen Olague
Senior Field Geologist
garrett@swgeophys.com

Reviewed by:

David Decker, PhD, PG, CPG
CEO, Principal Geologist
dave@swgeophys.com

Prepared for:

Diamondback Disposal Services, Inc.
2525 West County Road
Hobbs, NM 88240

Jason Owsley
(575) 602-5998
JasonO@Diamondbacknm.com

MMXXV

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1.0 INTRODUCTION

This report was commissioned by Diamondback Disposal Services, Inc. (hereinafter referred to as "the client"), on July 12, 2025, for the purpose of conducting an environmental karst study within an area encompassing the Bass 5 Tank Battery release site (hereinafter termed "B5TB") centered at N 32.538295° W 103.704477°

1.1 Goals of this Study

The goals of this study are to conduct a surface karst inventory and provide the client with the location and description of any surface karst features located within 200 feet (61 meters) of the spill delineation boundary (as defined by 19.15.29.12 NMAC^[1]), and to determine whether stable ground exists (as defined by 19.15.2 NMAC Definitions^[2]) within the spill boundary of the Bass 5 Tank Battery release as provided by the client via e-mail (Bass 5 Area Of Interest.kml) on July 12, 2025, using electrical resistivity imaging^[3].

1.2 Summary of Findings

- **No surface karst features exist within the 200-foot (61-meter) perimeter of the spill delineation boundary.**
- **No anomalies consistent with subsurface air- or water-filled voids were found within the B5TB geophysical survey area, indicating the zone beneath the geophysical survey is not subject to collapse.**
- **Flat-lying stratigraphy is interpreted to exist beneath the area where the geophysical survey was conducted, indicating stable ground.**

1.3 Affected Environment

The B5TB project site is located in evaporite karst terrain, a landform that is characterized by underground drainage through solutionally enlarged conduits. Evaporite karst terrain may contain sinkholes, sinking streams, caves, and springs. Sinkholes leading to underground drainages and voids are common. These karst features, as well as occasional fissures and discontinuities in the bedrock, provide the primary sources for rapid recharge of the groundwater aquifers of the region. Additionally, karst may develop by hypogene processes involving dissolution by upwelling fluids from depth independent of recharge from the overlying or immediately adjacent surface. Hypogene karst systems may not be connected to the surface and can remain undiscovered unless encountered during drilling or excavation.

Karst features are delicate resources that are often of geological, hydrological, biological, and archeological importance, and should be protected. The four primary concerns in these types of terrain are environmental issues, worker safety, equipment damage, and infrastructure integrity.

The Bureau of Land Management (BLM) categorizes all areas within the Carlsbad Field Office (CFO) zone of responsibility as having either low, medium, high, or critical cave potential based on geology, occurrence of known caves, density of karst features, and potential impacts to freshwater aquifers^[4]. These designations are also recognized by the New Mexico State Land Office (NMSLO). This project occurs within a **MEDIUM** karst occurrence zone (MKOZ)^[5] (**Figure 1**).

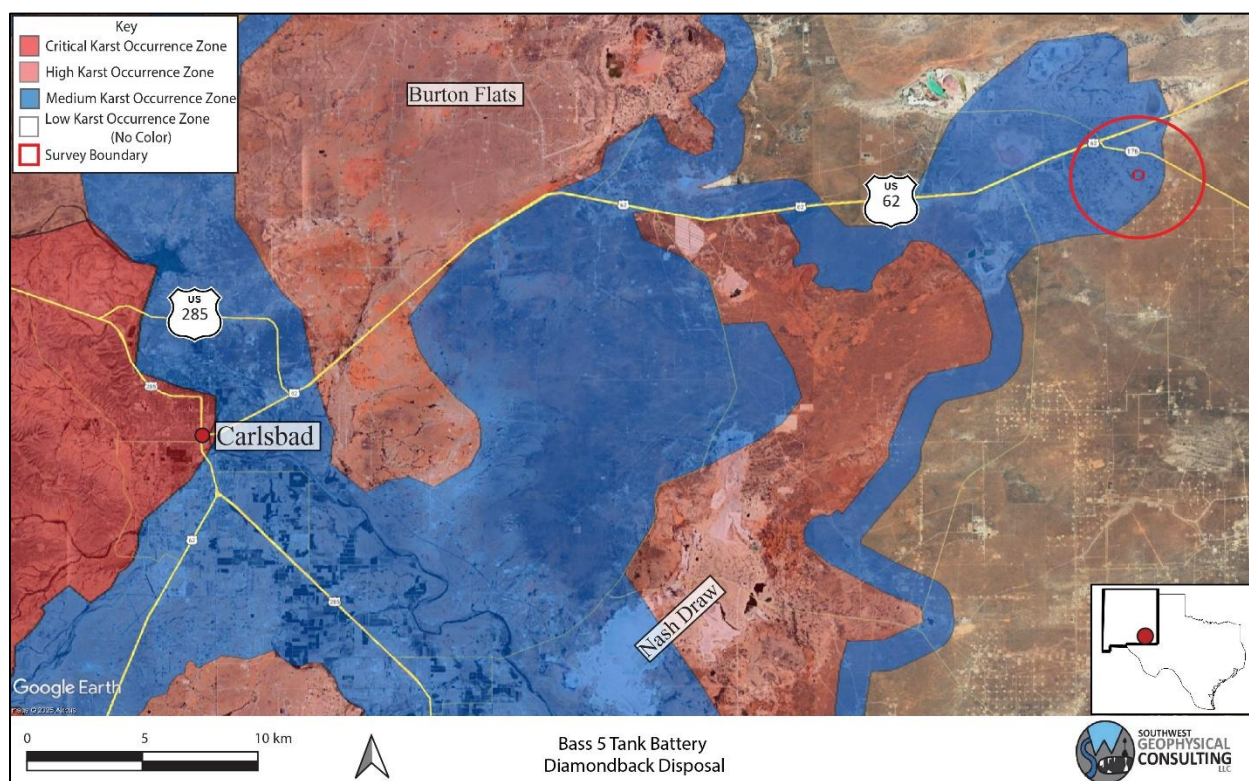


Figure 1: Karst occurrence zone overview. Background image credit: Google Earth. Image date: August 21, 2024. Image datum: WGS-84.

A medium karst occurrence zone is defined as an area in known soluble rock types that may have a shallow insoluble overburden. These areas may contain isolated karst features such as caves and sinkholes. Groundwater recharge may not be wholly dependent on karst features, but the karst features still provide the most rapid aquifer recharge in response to surface runoff^[4].

Due to the rapidity with which evaporite karst develops, each location within a BLM-CFO designated critical or high karst occurrence zone must be assessed on an individual basis to determine the existence of surface karst features and the possibility of sub-surface karst development each time a release occurs.

1.4 Limitations of Report

This report should be read in full. No responsibility is accepted for the use of any part of this report in any other context or for any other purpose or by third parties. This report does not purport to give legal advice. Legal advice can only be given by qualified legal practitioners.

This report has been prepared for the use of Diamondback Disposal Services, Inc., in accordance with generally accepted consulting practices. Every effort has been made to ensure the information in this report is accurate as of the time of its writing. This report has not been prepared for use by parties other than the client, their contracting party, and their respective consulting advisors. It may not contain sufficient information for the purposes of other parties or for other uses.

This report was prepared upon completion of the associated fieldwork using a standard template prepared by Southwest Geophysical Consulting and is based on information collected prior to fieldwork, conditions encountered on site, and data collected during the fieldwork and reviewed at the time of preparation. Southwest Geophysical Consulting disclaims responsibility for any changes that might have occurred at the site after this time. The interpreted results, locations, and depths noted in this report (if applicable) should be taken as an interpretation only and no decision should be based solely on this information. Physical verification of aerial imagery analysis results in the field should be conducted prior to using this information for remediation planning. Physical verification of geophysical results using geotechnical methods should be conducted.

To the best of our knowledge, the information contained in this report is accurate at the date of issue. Due to the nature of karst terrain, the information in this report shall not be used beyond two years past the date of the field work provided in section **2.3 Description of Survey**. Large weather events can shorten this time period as areas subject to karst development can rapidly form new features subsequent to these events.

2.0 LOCATION AND DESCRIPTION OF STUDY AREA

2.1 Description of Site

The site is located 51.1 kilometers (31.2 miles) east-northeast of Carlsbad, New Mexico, southeast of the junction of Goathead Road and New Mexico State Road 176. The spill delineation boundary is located within the SW $\frac{1}{4}$ section of section 30, NM T20S R33E^[6] (**Figure 1** and **Figure 2**). The region has rolling terrain with karstification occurring in the gypsite soils and underlying gypsum and dolomite bedrock^[7] (see section **2.2 Local Geology Summary** for further information). The climate in this area of southeast New Mexico is semi-arid with an average annual precipitation of approximately 13 inches, of which about two-thirds falls as rain during summer thunderstorms from June to October. Summers are hot and sunny while winters are generally mild, with an average maximum temperature of 96°F in July and an average minimum temperature of 28°F in January^[8]. This area is within the Chihuahuan Desert Thornscrub as defined by the Southwestern Regional ReGAP Vegetation map^[9] and the vegetation consists mostly of areas of blue grama, nine-awned pappus grass, burro grass and low scrub including yucca. The spill delineation boundary is located within an MKOZ^[5] (**Figure 1**) and within privately managed land^[10] (**Figure 2**).

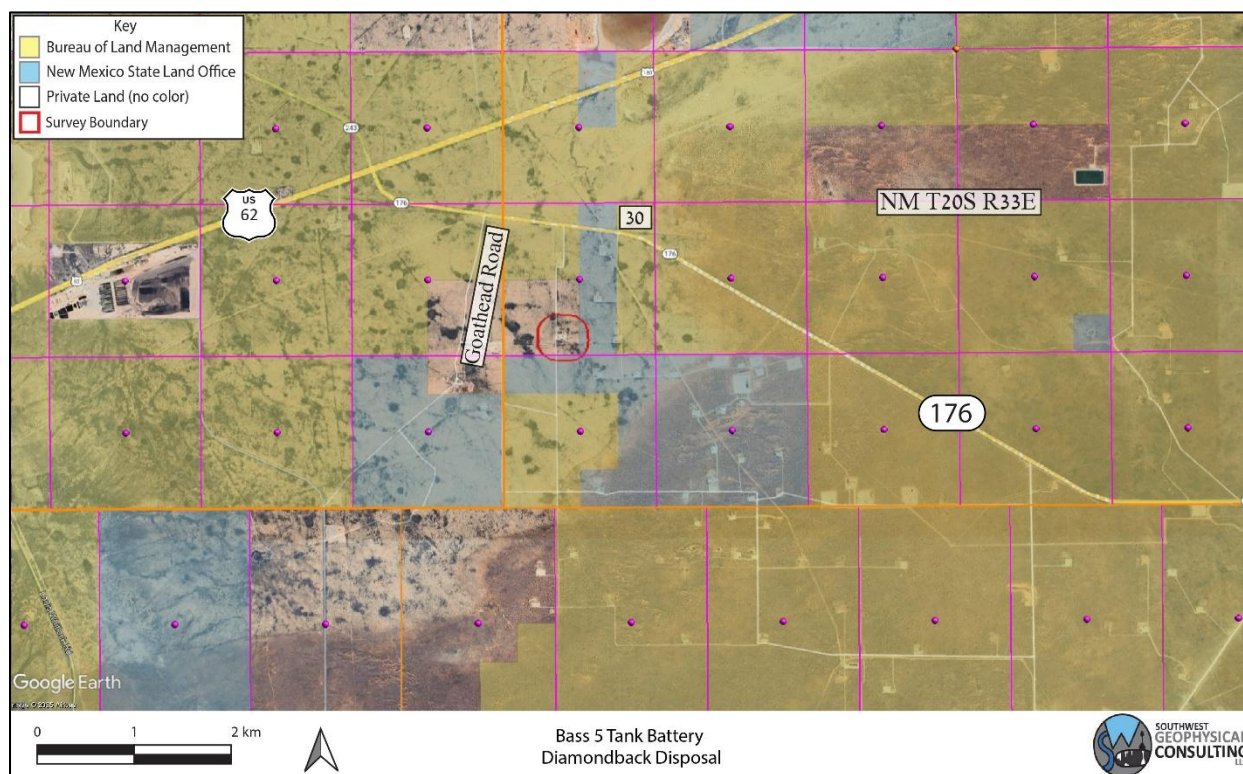


Figure 2: Land ownership and PLSS overview. Background image credit: Google Earth. Image date: November 5, 2022. Image datum: WGS-84.

2.2 Local Geology Summary

The site for the B5TB survey is located at an elevation of 1,097 meters (3,599 feet), $\pm$ 2 meters (6.6 feet), and is located within a region entirely underlain by the Permian Dewey Lake and Rustler Formations (Pdl and Pru, respectively; not shown as they do not outcrop at the surface). The area is mantled by thin gypsiferous soils (gypsite), Quaternary alluvial piedmont deposits (Qp), and eolian sands (Qe)^[11] up to 5 meters in depth (**Figure 3**).

The Dewey Lake Formation is composed of calcite-cemented, hematite-stained quartz sand grains^[12] and occasional gypsum lenses and can, in favorable conditions, form cavernous porosity within 30 meters of the top of the Rustler Formation^[13]. The Dewey Lake Formation is also known to be highly fractured near areas of heavy halite dissolution such as Nash Draw (approximately 30 kilometers southwest), and these fractures can act as hydrologic conduits.

The Rustler Formation is an evaporite facies and is composed mainly of thin siltstones and sandstones interbedded with claystones, dolomite and gypsum^[12], and contains both karst-forming strata (the Forty-niner and Tamarisk members) and two shallow aquifers (the Magenta and Culebra Dolomite members). The Forty-niner and Tamarisk members are known to have highly developed karst features including large voids and solution-enlarged fractures^[14].

The survey area is covered by the easily accessible Geologic Map of New Mexico (2003) at 1:500,000 scale^[15] and the Digital Geologic Map of New Mexico in ARC/INFO Format^[11].

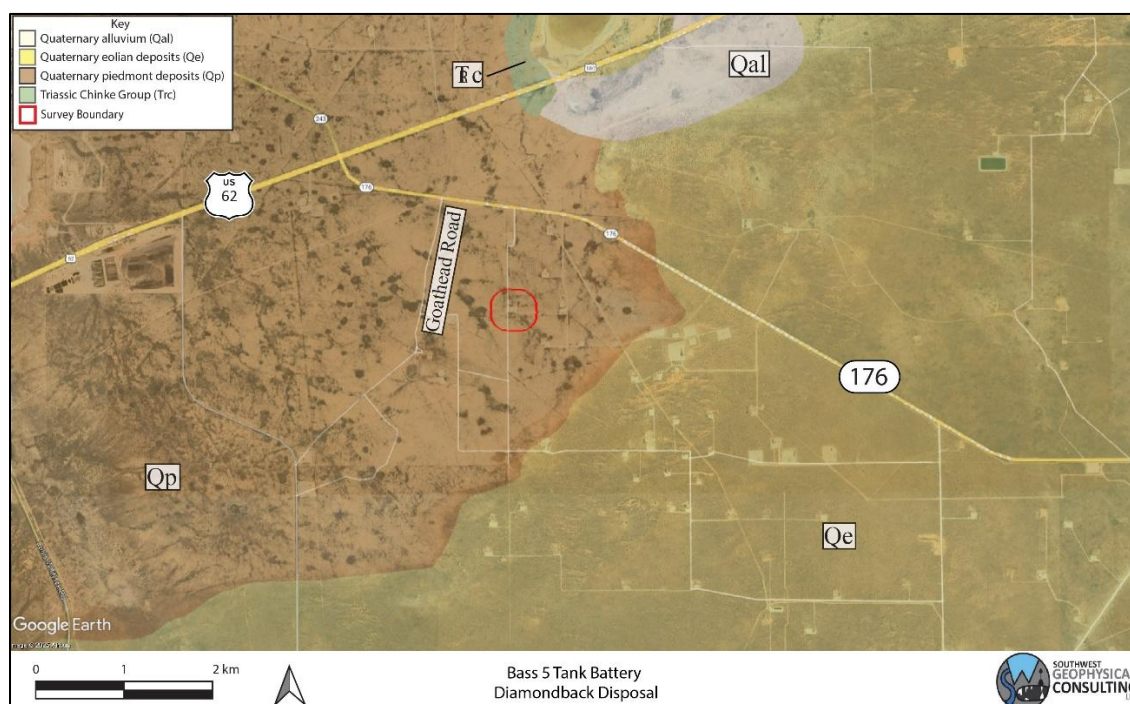


Figure 3: Geology overview. Geology map credit: The Digital Geologic Map of New Mexico in ARC/INFO Format. Background image credit: Google Earth. Image date: November 5, 2022. Image datum: WGS-84.

2.3 Description of Survey

2.3.1 Surface Karst Survey

Southwest Geophysical Consulting, in partnership with SWCA Environmental Consultants, provides surface karst surveys using small, uncrewed aerial systems (sUAS) that are flown by qualified, FAA licensed drone pilots and that meet the stringent Bureau of Land Management – Carlsbad Field Office requirements for both pedestrian and aerial karst surveys.

The surface karst survey includes a desk study prior to the flight which allows us to provide client feedback in the event of any previously known karst features in the area. The desk study is performed out to 305 meters (1,000 feet) from the spill delineation boundary per New Mexico Oil Conservation Division guidance^[1] (**Figure 4**). The study was performed using satellite and aerial imagery from Google Earth Pro dated November 5, 2022 (please note features less than one meter in diameter are generally not visible using this method); the Southwest Geophysical Cave and Karst Database dated July 5, 2025^[16]; the Laguna Gatuna, NM, 1:24,000 quad, 1984, USGS topographic map; and the latest lidar imagery from CalTopo.com. Please note that we use older topographic maps because newer maps have had caves removed from them. These searches and queries returned no results within the survey boundary.

Surface karst surveys are conducted by sUAS at low elevation within 200 meters of the spill delineation boundary^[4] (**Figure 4**) following a preplanned raster pattern flightpath designed for the purpose of generating at least 75% imagery overlap. The collected high-resolution, georeferenced imagery is stitched together to develop orthomosaic imagery which is further developed into a digital elevation model (DEM); the DEM is then processed into a local relief model (LRM) (**Figure 6**). This LRM is color coded to enhance differences in elevation of as little as five centimeters. The orthoimagery, DEM, and LRM are uploaded to a server where they are analyzed by an experienced karst geologist. Finally, the data is reviewed by a senior karst geologist for quality assurance and downloaded into a table for inclusion in a written report^[17].

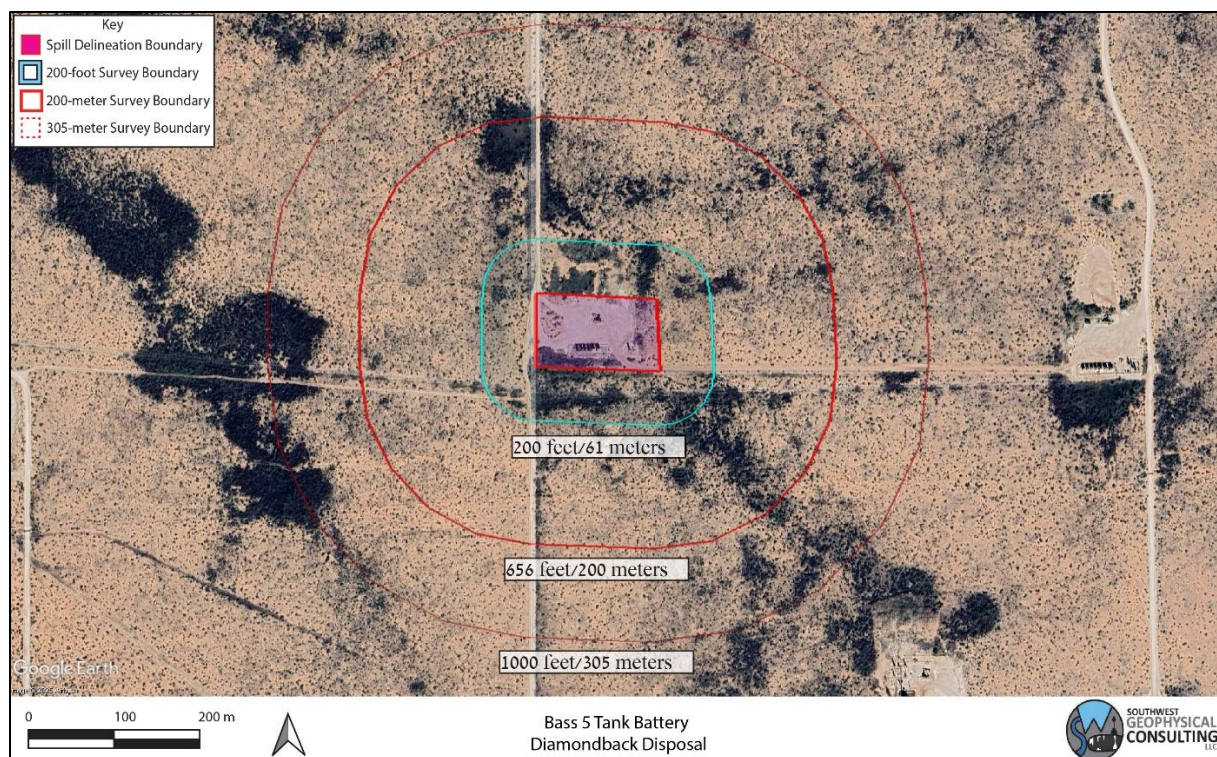


Figure 4: Surface karst survey overview. Background image credit: Google Earth. Image date: November 5, 2022. Datum: WGS-84.

The resolution of the orthoimagery is clear enough that features as small as 10 centimeters can be positively identified in most circumstances. Occasionally there are ambiguous features identified during an aerial survey that will need to be checked in the field if they are impacted by the proposed remediation efforts. Specifically, it is difficult to tell the difference between solution tubes, abandoned uncased well bores, and some burrows in drone imagery. If an ambiguous feature is located during imagery analysis, it is marked with a yellow dot in **Figure 6**. If a feature of any likelihood is subsequently verified in the field prior to publication of the report, the dot will be changed to a red triangle if confirmed as a karst feature or deleted if not.

The imagery for this study was collected via sUAS by Pat Lagodney of SWCA on July 29, 2025. Surface karst features may have developed after this date and will not be noted in this report. Imagery analysis was completed by Dave Decker of Southwest Geophysical Consulting on August 6, 2025.

2.3.2 Geophysical Survey

For this survey, a Guideline Geo Terrameter LS 2 and a 56-electrode array of 40-centimeter-long electrodes were used to image the subsurface. This survey consisted of two resistivity lines in a dipole-dipole configuration. Line B5TB01 is laid out west to east while line B5TB02 is laid out south to north. Line B5TB01 consisted of 56 electrodes at 5-meter spacing while line B5TB02 consisted of 42 electrodes at 5-meter spacing, resulting in a 275-meter-long array and a 205-meter-long array, respectively (**Figure 5, Table 1**). A preconfigured protocol file was used to run the data collection (DipoleDipole4x14). This electrode configuration provided a depth of investigation of 41 - 55 meters (135 - 180 feet) with a resolution of 2.5 to 3.0 meters (8.2 to 9.8 feet) within the first 5 to 8 meters (16 to 26 feet) from the surface. A Leica GS18 GPS was used to record electrode locations and elevations.

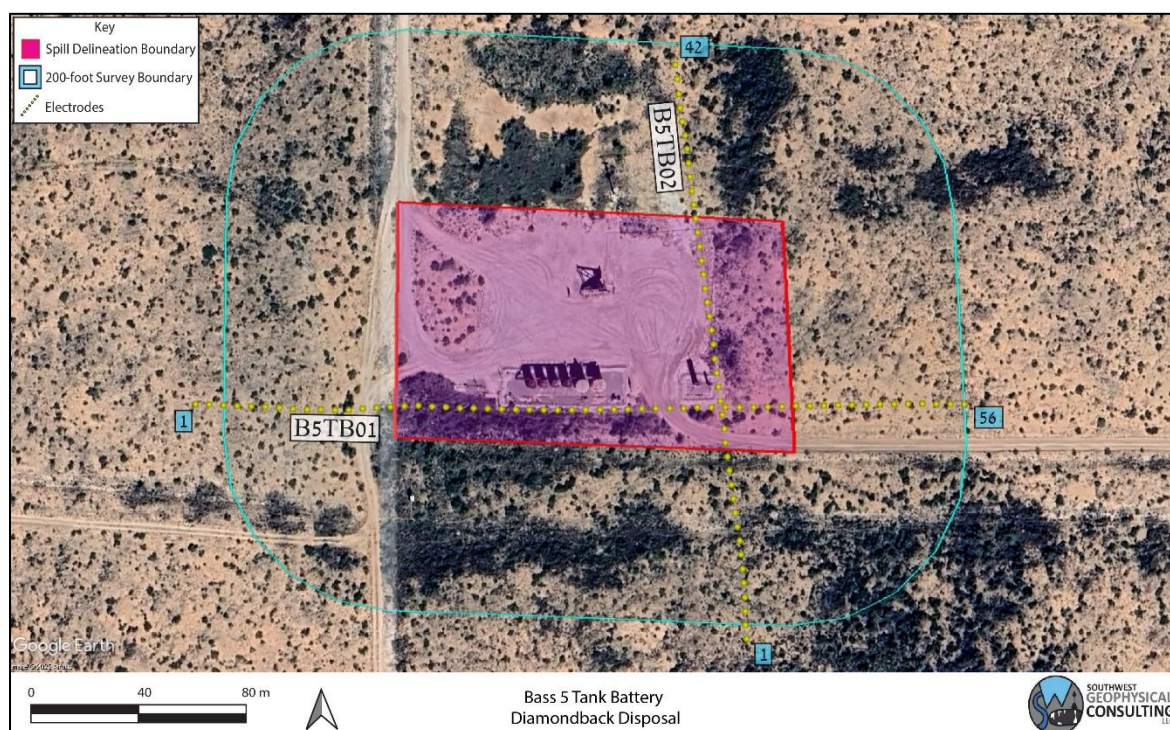


Figure 5: Geophysical survey overview. Two survey lines were conducted with 56 and 42 electrodes (yellow dots denoted with blue numbers). Background image credit: Google Earth. Image date: November 5, 2022. Datum: WGS-84.

Table 1 provides basic line data. Detailed information for each line including electrode number, location in latitude/longitude (decimal degree format), and elevation in meters can be found in the accompanying data files.

Table 1: Survey Line Data Table. The .kmz file contains all the points for the survey line listed in the file name. These data are available in the accompanying files B5TB_ERI_Points.xlsx and DIAD-002-20250712_B5TB_Data_Files.kmz.

File Name:	Completed By:	Date:
B5TB01.kmz	Garrett Jorgensen Olague – Senior Field Geologist Britt Bommer – Field Geologist Steven Kesler – Field Geologist Aaron Beirl – Field Geologist	7/28/2025
B5TB02.kmz		

EarthImager™ 2D software was used to download and process the data and to provide the model used to make our interpretations. The design of the survey and the orientation of each of the lines provides the information necessary to make the determination of “stable” or “unstable” ground at this site.

A typical starting model was used for the data processing due to the two-layer model of the geology in the area; specifically, generally high-resistivity gypsum and dolomite at the surface and low-resistivity saturated gypsum and dolomite bedrock at depth. The starting model used was “average apparent resistivity” and a default inversion setting of “surface,” with a minimum apparent resistivity set to 0.1 Ohm-meters (Ohm-m or Ω -m) and a max apparent resistivity set to 100,000 Ω -m (**Table 2**).

Table 2: Software Information and Settings

Software Name:	EarthImager™ 2D
Version:	2.4.4.649
Starting Model:	Average Apparent Resistivity
Default Inversion Settings:	Surface
Changes to Default Inversion Settings:	Max Apparent Resistivity = 100 k Ω -m Min Apparent Resistivity = 0.1 Ω -m

Note: Raw data files (.dat files for EarthImager™ 2D) and processed data (.trn files, terrain files for surface correction in EarthImager™ 2D and .out files, the processed .dat files) are available upon request.

All field work, including setup, stow, and travel, was completed by Garrett Jorgensen Olague, Britt Bommer, Steven Kesler, and Aaron Beirl on July 28, 2025.

3.0 RESULTS

3.1 Surface Karst Survey

The desk study and surface karst survey showed no surface karst features within 305 meters (1,000 feet)^[1] of the spill delineation boundary (Figure 6).

No springs exist within the 305-meter (1,000-foot)^[1] survey boundary (Figure 6).

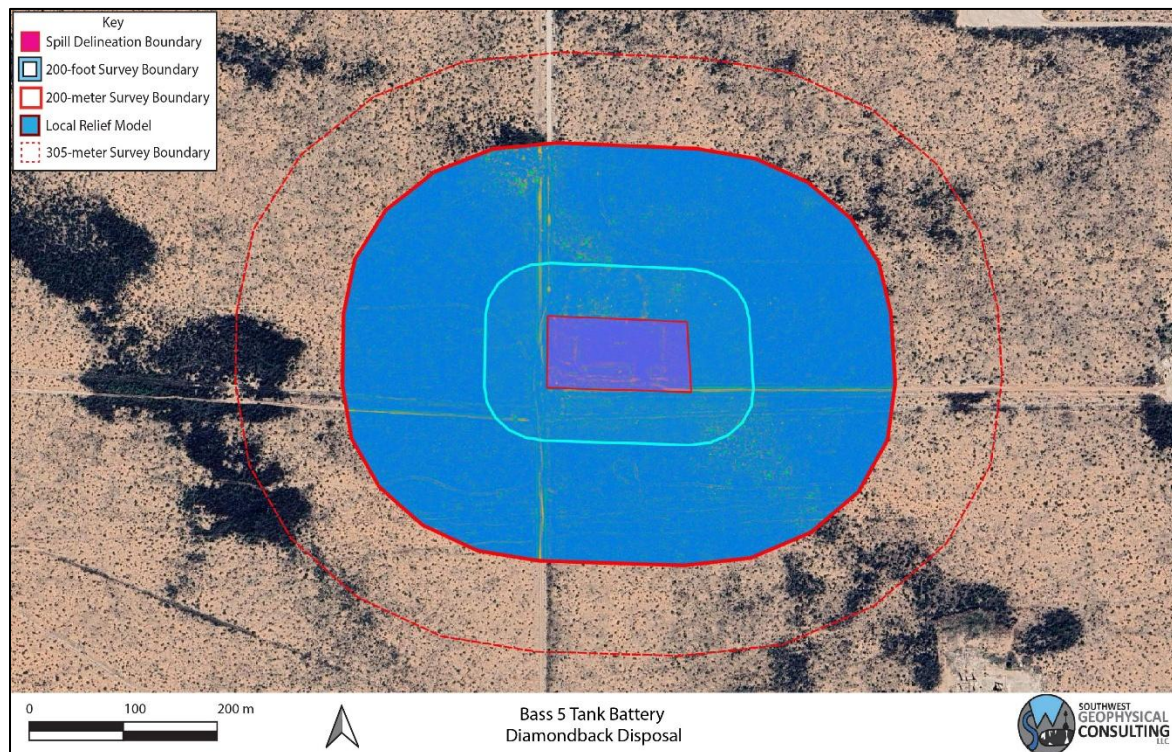


Figure 6: Surface karst survey results. Background image credit: Google Earth. Image date: November 5, 2022. Image datum: WGS-84.

3.2 Geophysical Survey

Electrical resistivity tomography forms images of the subsurface by causing a current to flow through the rock and soil and then measuring the resistance of these materials as the current flows through them. This measurement is taken many times and the resulting data, once processed, is used to produce a model of the subsurface (**Figure 7**). This model is produced using "non-unique" solutions, which means that there are many models and interpretations which will satisfy the data. Using experience and knowledge of the local geology, a high-confidence model can be established and used to develop an accurate understanding of what lies below the surface. This survey was conducted with the express purpose of locating subsurface voids and does not purport to find paleokarst (old, non-active karst features that have been filled in with sand and sediment) or nascent karst features below the resolution limit of the survey.

The results of this study indicate a well-layered geologic system with low resistivities between 2.8 and 500 Ohm-m with occasional areas up to 2,235 Ohm-m (**Figure 7**). Please keep in mind when viewing the 2D inverted resistivity sections that color maps can be widely different for each view. Always check the color map located on the right side of the image when viewing the 2D images to ensure you understand the range of resistivities presented. Distances along the top and depths along the left side are in meters. The color map along the right side is in Ohm-m. Due to the nature of the survey, shallower zones have higher resolution between electrodes than deeper zones; therefore, small features at depth will not be visible.

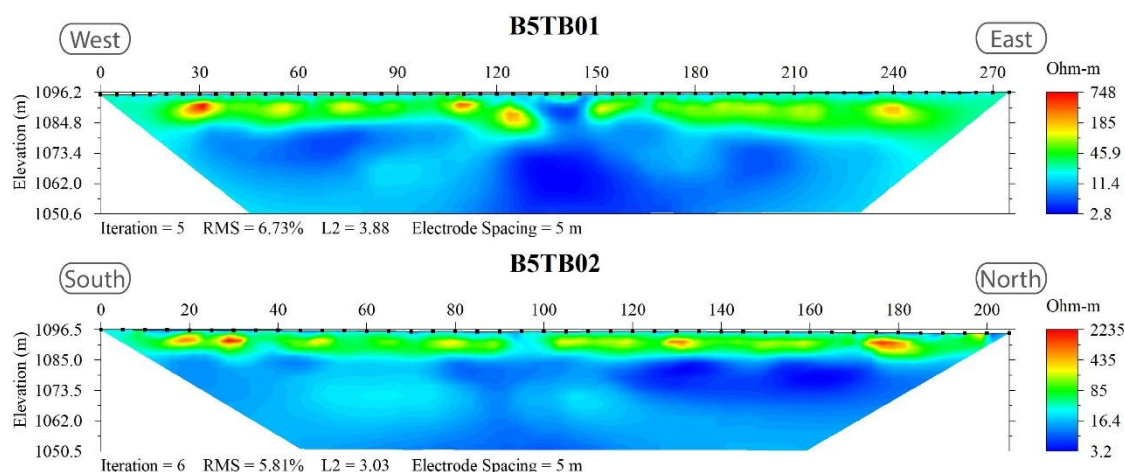


Figure 7: 2D inverted resistivity sections. Reds and oranges indicate higher resistivity values. Yellows and greens are medium-resistivity values. Blues are low-resistivity values. Please note that the color scale is relative.

4.0 DISCUSSION

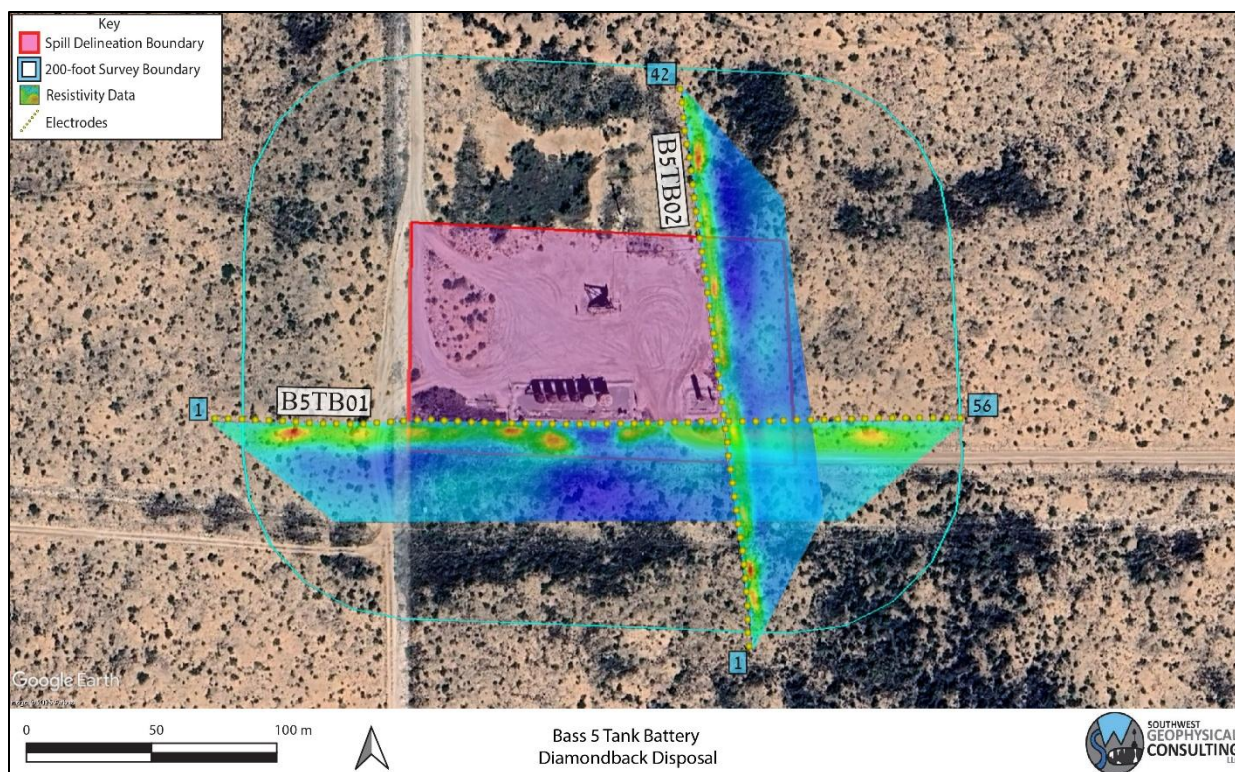
No surface karst features and no anomalies consistent with air-filled subsurface voids are found within the B5TB survey area. However, small solutionally enlarged voids or fractures at or near the resolution limit of the survey (2.5 – 3.0 meters) may be present. Slightly higher-than-average resistivity areas less than 10 meters beneath the surface are interpreted as sand, caliche, or sandstone of the Dewey Lake Formation, or dry caliche soils and gypsum or dolomite bedrock of the Rustler Formation. Due to their much lower resistivity values when compared with significant subsurface voids, these features should not be a concern during remediation efforts^[18] (**Figure 7** and **Figure 8**).

Vertically oriented very low-resistivity areas between 2.8 – 10 Ohm-m may either represent fluid from the brine release, surface-to-subsurface hydrologic pathways. These same values in a horizontal orientation beginning at 12 meters (40 feet) in depth may be a layer of either clays and halite lenses or moist or saturated layers within the Dewey Lake or Rustler Formations (**Figure 7**).

Please remember that these are interpretations made from knowledge of the local subsurface materials and experience. **They remain interpretations until verified by geotechnical methods.** Employing a BLM-CFO approved karst monitor on site during any drilling and/or remediation activities that require excavation below four feet in depth should be considered.

Fracture sets within the subsurface can act as hydrologic pathways to the water table. Rapid dissolution of gypsum can occur along these pathways creating solution-enlarged fractures, and in some cases, voids within months to years. For this reason, this survey is valid only for this remediation event.

Within karst terrains like the project site, small air- or sediment-filled voids and/or brecciated zones and solutionally enlarged fractures that are below the resolution limit of the survey (2.5 – 3.0 meters) may exist; these may be encountered during excavation, and if so, should be evaluated by a karst specialist prior to continued work.



5.0 SUMMARY

- **The B5TB survey contains no surface karst features within 200 feet (61 meters) of the spill delineation boundary.**
- **No shallow anomalies interpreted as large voids or related karst features that would present a danger to equipment operators are located within the survey area.**
- Intercepting a void during remediation is unlikely, but still possible. Small voids or solutionally enlarged fractures below the resolution limit of the survey may be encountered.
- **Well-layered stratigraphy is interpreted to exist beneath the area where the geophysical survey was conducted, indicating stable ground.**
- When conducting any remediation activities in this area, employing a BLM-CFO approved karst monitor on site should be considered.

6.0 DISCLOSURE STATEMENT

Karst occurrence zones are prone to rapid karst formation and warrant careful planning and engineering to mitigate karst-forming processes that could be accelerated by removal of surface cover or the vibrations associated with heavy equipment used in the remediation process.

Mitigation measures for any karst features revealed during excavation shall be approved by the Bureau of Land Management – Carlsbad Field Office and follow the Natural Resources Conservation Service Conservation Practice Standard for Karst Sinkhole Treatment, Code 527, or the Bureau of Land Management Cave and Karst Management Handbook, H-8380-1.

Vigilance during remediation activities is paramount. If voids are encountered during excavation, contact the Bureau of Land Management Karst Division at (575) 234-5972, the New Mexico State Land Office Surface Resources Division at (505) 827-5768, or a BLM-CFO approved karst contractor and request an on-site investigation from a karst expert if one is not already on site. A karst consultant can generally be available in Lea County within five hours.

Approved karst monitors should have karst feature identification training, at least two years of supervised experience identifying karst features, wilderness first aid training, SRT training, confined space training, gas monitor training, and a minimum of SPAR cave rescue training through NCRC. They should have with them the proper gear and be prepared both physically and mentally to enter a collapse feature within minutes to perform a rescue if needed. Monitoring services with qualified karst monitors, as well as cave surveys and geophysical surveys, are available from Southwest Geophysical Consulting.

Under no circumstances should an untrained, inexperienced person enter a cave, pit, sinkhole, or collapse feature. All field employees of Southwest Geophysical Consulting have extensive caving experience and the ability to determine whether entry into a karst feature is safe or presents a hazard. In the event it is necessary to enter a karst feature, Southwest Geophysical Consulting can provide these services on request.

Cave and karst resource inventory reports, karst feature investigations, and geophysical reports (along with the associated data files) commissioned at the request of the land manager should be submitted to BLM-CFO at blm_nm_karst@blm.gov.

Cave and karst resource inventory reports for the NMSLO should be submitted to the respective project manager.

Environmental karst reports should be submitted to the appropriate project manager at the New Mexico Oil Conservation Division.

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8.0 GLOSSARY OF TERMS

AGI	Advanced Geosciences Inc.
BLM-CFO	Bureau of Land Management - Carlsbad Field Office
brecciated	Fractured rock caused by faulting or collapse.
caprock-collapse sinkhole	Collapse of roof-spanning rock into a cave or void.
cave	Natural opening at the surface large enough for a person to enter.
cover-collapse sinkhole	Collapse of roof-spanning soil or clay ground cover into a subsurface void.
ERI	Electrical Resistivity Imaging
GPS	Global Positioning System
grike	A solutionally enlarged, vertical, or sub-vertical joint or fracture.
(H)	High confidence modifier for a PKF. This is typically reserved for a feature that is definitely karst but has not been confirmed in the field.
HKOZ	High Karst Occurrence Zone
karst	A landscape containing solutional features such as caves, sinkholes, swallets, and springs.
(L)	Low confidence modifier for a PKF. This is typically a feature that cannot be ruled out as karst but is most likely NOT karst related. This modifier may also be used for pseudokarst features.
(M)	Medium confidence modifier for PKF. This is an ambiguous feature that can't be positively identified as karst without a field visit (e.g., burrows, abandoned unlined wells, solution tubes, pseudokarst).
MKOZ	Medium Karst Occurrence Zone
NCRC	National Cave Rescue Commission
NKF	Non-karst feature. Used for features originally identified as PKF that have been subsequently identified in the field as non-karst related. This term may also be used for pseudokarst features.
NMSLO	New Mexico State Land Office
Ohm-m	Ohm-meter, a unit of measurement for resistivity. Sometimes abbreviated Ω -m.
paleokarst	Previously formed karst features that have been filled in by erosion and/or deposition of minerals.
Pat	Permian Artesia Group
Pc	Permian Capitan Formation
Pcs	Permian Castile Formation

PdI	Permian Dewey Lake Formation
PKF	Possible karst feature. This term is reserved for features identified in satellite or aerial imagery that have NOT been visited in the field. Further modifiers include (H) for high confidence, (M) for medium confidence, and (L) for low confidence. These confidence levels are based on field experience.
PLSS	Public Land Survey System
Pqg	Permian Queen/Greyburg Formation
Pru	Permian Rustler Formation
pseudokarst	Karst-like features (sinkholes, conduits, voids etc.) that are not formed by dissolution. These types of features include soil piping, lava tubes, and some cover-collapse and suffosion sinkholes.
Psl	Permian Salado Formation
Psr	Permian Seven Rivers Formation
Pt	Permian Tansill Formation
Py	Permian Yates Formation
Qal	Quaternary alluvium
Qe	Quaternary eolian deposits
Qp	Quaternary piedmont deposits
Qpl	Quaternary playa lake deposits
RKF	Recognized karst feature. This term is reserved for karst features that have been physically verified in the field.
SPAR	Small Party Assisted Rescue
sUAS	Small, uncrewed aerial system
suffosion sinkhole	Raveling of soil into a pre-existing void or fracture.
swallet	A natural opening in the surface, too small for a person, that drains water to an aquifer. Some are "open," meaning a void can be seen below; some are "closed," meaning they are full of sediment.
SWG	Southwest Geophysical Consulting, LLC
UTM	Universal Transverse Mercator (projected coordinates)
(V)	Field verified modifier for a RKF. This indicates that the feature has been visited by a qualified karst professional in the field and fully identified
WGS	World Geodetic System (geographic coordinates)

9.0 ATTESTATION

David D. Decker, PhD, PG, CPG

Chief Executive Officer, Principal Geologist

Southwest Geophysical Consulting, LLC

5117 Fairfax Dr. NW

Albuquerque, NM 87114

dave@swgeophys.com

(505) 585-2550

CERTIFICATE OF AUTHOR

I, David D. Decker, a Licensed Professional Geologist and a Certified Professional Geologist, do certify that:

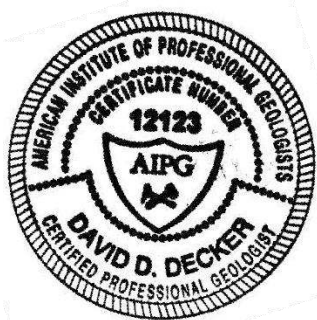
- I am currently employed as a consulting geologist in the specialty of caves and karst with an office address of 5117 Fairfax Dr. NW, Albuquerque, NM, USA, 87114.
- I graduated with a Master of Science in Applied Physics with a specialization in Sensor Systems from the Naval Post Graduate School in Monterey, California, in 2003, and a Doctor of Philosophy in Earth and Planetary Sciences from the University of New Mexico, Albuquerque, New Mexico, in 2018.
- I am a Licensed Professional Geologist in the State of Texas, USA (PG-15242) and have been since 2021. I am a Certified Professional Geologist through the American Institute of Professional Geologists (CPG-12123) and have been since 2021.
- I have been employed as a geologist continuously since 2016. I was previously employed as a Fire Controlman, Naval Flight Officer, and Aerospace Engineering Duty Officer in the U.S. Navy and operated, maintained, and installed various sensor systems including magnetic, electromagnetic, radar, communications, and acoustic systems in various capacities from 1986 through 2010.
- I have been involved in various aspects of cave and karst studies continuously since 1985, including exploration, mapping, and scientific studies.
- I have read the definition of “qualified karst professional” set out in the ASTM Standard Practice for Preliminary Karst Terrain Assessment for Site Development (ASTM E-1527). I meet the definition of “qualified professional” for the purposes of this standard.
- I am responsible for the content, compilation, and editing of all sections of report number DIAD-002-20250712 entitled, “Environmental Karst Study Report, Bass 5 Tank Battery, Lea County, New Mexico.” I or a duly authorized and qualified representative of Southwest Geophysical Consulting, LLC, have personally visited this site and/or reviewed the aerial imagery on the date or dates mentioned in section **2.3 Description of Survey**.

- I have no prior involvement nor monetary interest in the described property or project, save for my fee for conducting this investigation and providing the report.

Dated in Albuquerque, New Mexico, August 11, 2025.



David D. Decker
PhD, CPG-12123



National Flood Hazard Layer FIRMette



103°42'35"W 32°32'34"N



1:6,000

103°41'57"W 32°32'4"N

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 3/12/2026 at 7:22 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



United States
Department of
Agriculture

NRCS

Natural
Resources
Conservation
Service

A product of the National
Cooperative Soil Survey,
a joint effort of the United
States Department of
Agriculture and other
Federal agencies, State
agencies including the
Agricultural Experiment
Stations, and local
participants

Custom Soil Resource Report for **Lea County, New Mexico**



March 12, 2026

Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (<http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/>) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (<https://offices.sc.egov.usda.gov/locator/app?agency=nrcs>) or your NRCS State Soil Scientist (http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2_053951).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

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How Soil Surveys Are Made

Soil surveys are made to provide information about the soils and miscellaneous areas in a specific area. They include a description of the soils and miscellaneous areas and their location on the landscape and tables that show soil properties and limitations affecting various uses. Soil scientists observed the steepness, length, and shape of the slopes; the general pattern of drainage; the kinds of crops and native plants; and the kinds of bedrock. They observed and described many soil profiles. A soil profile is the sequence of natural layers, or horizons, in a soil. The profile extends from the surface down into the unconsolidated material in which the soil formed or from the surface down to bedrock. The unconsolidated material is devoid of roots and other living organisms and has not been changed by other biological activity.

Currently, soils are mapped according to the boundaries of major land resource areas (MLRAs). MLRAs are geographically associated land resource units that share common characteristics related to physiography, geology, climate, water resources, soils, biological resources, and land uses (USDA, 2006). Soil survey areas typically consist of parts of one or more MLRA.

The soils and miscellaneous areas in a survey area occur in an orderly pattern that is related to the geology, landforms, relief, climate, and natural vegetation of the area. Each kind of soil and miscellaneous area is associated with a particular kind of landform or with a segment of the landform. By observing the soils and miscellaneous areas in the survey area and relating their position to specific segments of the landform, a soil scientist develops a concept, or model, of how they were formed. Thus, during mapping, this model enables the soil scientist to predict with a considerable degree of accuracy the kind of soil or miscellaneous area at a specific location on the landscape.

Commonly, individual soils on the landscape merge into one another as their characteristics gradually change. To construct an accurate soil map, however, soil scientists must determine the boundaries between the soils. They can observe only a limited number of soil profiles. Nevertheless, these observations, supplemented by an understanding of the soil-vegetation-landscape relationship, are sufficient to verify predictions of the kinds of soil in an area and to determine the boundaries.

Soil scientists recorded the characteristics of the soil profiles that they studied. They noted soil color, texture, size and shape of soil aggregates, kind and amount of rock fragments, distribution of plant roots, reaction, and other features that enable them to identify soils. After describing the soils in the survey area and determining their properties, the soil scientists assigned the soils to taxonomic classes (units). Taxonomic classes are concepts. Each taxonomic class has a set of soil characteristics with precisely defined limits. The classes are used as a basis for comparison to classify soils systematically. Soil taxonomy, the system of taxonomic classification used in the United States, is based mainly on the kind and character of soil properties and the arrangement of horizons within the profile. After the soil

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scientists classified and named the soils in the survey area, they compared the individual soils with similar soils in the same taxonomic class in other areas so that they could confirm data and assemble additional data based on experience and research.

The objective of soil mapping is not to delineate pure map unit components; the objective is to separate the landscape into landforms or landform segments that have similar use and management requirements. Each map unit is defined by a unique combination of soil components and/or miscellaneous areas in predictable proportions. Some components may be highly contrasting to the other components of the map unit. The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The delineation of such landforms and landform segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Soil scientists make many field observations in the process of producing a soil map. The frequency of observation is dependent upon several factors, including scale of mapping, intensity of mapping, design of map units, complexity of the landscape, and experience of the soil scientist. Observations are made to test and refine the soil-landscape model and predictions and to verify the classification of the soils at specific locations. Once the soil-landscape model is refined, a significantly smaller number of measurements of individual soil properties are made and recorded. These measurements may include field measurements, such as those for color, depth to bedrock, and texture, and laboratory measurements, such as those for content of sand, silt, clay, salt, and other components. Properties of each soil typically vary from one point to another across the landscape.

Observations for map unit components are aggregated to develop ranges of characteristics for the components. The aggregated values are presented. Direct measurements do not exist for every property presented for every map unit component. Values for some properties are estimated from combinations of other properties.

While a soil survey is in progress, samples of some of the soils in the area generally are collected for laboratory analyses and for engineering tests. Soil scientists interpret the data from these analyses and tests as well as the field-observed characteristics and the soil properties to determine the expected behavior of the soils under different uses. Interpretations for all of the soils are field tested through observation of the soils in different uses and under different levels of management. Some interpretations are modified to fit local conditions, and some new interpretations are developed to meet local needs. Data are assembled from other sources, such as research information, production records, and field experience of specialists. For example, data on crop yields under defined levels of management are assembled from farm records and from field or plot experiments on the same kinds of soil.

Predictions about soil behavior are based not only on soil properties but also on such variables as climate and biological activity. Soil conditions are predictable over long periods of time, but they are not predictable from year to year. For example, soil scientists can predict with a fairly high degree of accuracy that a given soil will have a high water table within certain depths in most years, but they cannot predict that a high water table will always be at a specific level in the soil on a specific date.

After soil scientists located and identified the significant natural bodies of soil in the survey area, they drew the boundaries of these bodies on aerial photographs and

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identified each as a specific map unit. Aerial photographs show trees, buildings, fields, roads, and rivers, all of which help in locating boundaries accurately.

Soil Map

The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.

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Soil Map

Custom Soil Resource Report

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features

 Blowout

 Borrow Pit

 Clay Spot

 Closed Depression

 Gravel Pit

 Gravelly Spot

 Landfill

 Lava Flow

 Marsh or swamp

 Mine or Quarry

 Miscellaneous Water

 Perennial Water

 Rock Outcrop

 Saline Spot

 Sandy Spot

 Severely Eroded Spot

 Sinkhole

 Slide or Slip

 Sodic Spot

 Spoil Area

 Stony Spot

 Very Stony Spot

 Wet Spot

 Other

 Special Line Features

Water Features

 Streams and Canals

Transportation

 Rails

 Interstate Highways

 US Routes

 Major Roads

 Local Roads

Background

 Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Lea County, New Mexico
Survey Area Data: Version 22, Sep 9, 2025

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

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Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
SE	Simona fine sandy loam, 0 to 3 percent slopes	2.8	100.0%
Totals for Area of Interest		2.8	100.0%

Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

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An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

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Lea County, New Mexico**SE—Simona fine sandy loam, 0 to 3 percent slopes****Map Unit Setting**

National map unit symbol: dmr2
Landscape: Tablelands
Elevation: 3,000 to 4,200 feet
Mean annual precipitation: 10 to 15 inches
Mean annual air temperature: 58 to 62 degrees F
Frost-free period: 190 to 205 days
Farmland classification: Not prime farmland

Map Unit Composition

Simona and similar soils: 85 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Simona**Setting**

Landscape: Tablelands
Landform: Plains
Landform position (three-dimensional): Rise
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Calcareous eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 8 inches: fine sandy loam
Bk - 8 to 16 inches: gravelly fine sandy loam
Bkm - 16 to 26 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 7 to 20 inches to petrocalcic
Drainage class: Well drained
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 35 percent
Gypsum, maximum content: 1 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Very low (about 2.0 inches)

Interpretive groups

Land capability classification (irrigated): 6s
Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: D
Ecological site: R070BD002NM - Shallow Sandy
Hydric soil rating: No

Custom Soil Resource Report

Minor Components

Kimbrough

Percent of map unit: 8 percent

Ecological site: R077CY037TX - Very Shallow 16-21" PZ

Hydric soil rating: No

Lea

Percent of map unit: 7 percent

Ecological site: R077CY028TX - Limy Upland 16-21" PZ

Hydric soil rating: No

Appendix F Lab Results Originals



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

July 07, 2025

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: BASS 5 TANK BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 06/30/25 16:11.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. 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 "Mike Snyder". The signature is fluid and cursive, with the first name "Mike" and last name "Snyder" clearly distinguishable.

Mike Snyder For 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: 06/30/2025
 Reported: 07/07/2025
 Project Name: BASS 5 TANK BATTERY
 Project Number: PPA - 102
 Project Location: 32.53844895-103.70449691

Sampling Date: 06/30/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H 1 @ SURFACE (H253935-01)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/01/2025	ND	1.92	96.1	2.00	0.467		
Toluene*	<0.050	0.050	07/01/2025	ND	1.99	99.7	2.00	0.871		
Ethylbenzene*	<0.050	0.050	07/01/2025	ND	2.01	100	2.00	0.998		
Total Xylenes*	<0.150	0.150	07/01/2025	ND	5.94	98.9	6.00	1.07		
Total BTEX	<0.300	0.300	07/01/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	07/01/2025	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	07/01/2025	ND	191	95.5	200	0.917	
DRO >C10-C28*	<10.0	10.0	07/01/2025	ND	213	106	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	07/01/2025	ND					

Surrogate: 1-Chlorooctane 102 % 44.4-145

Surrogate: 1-Chlorooctadecane 99.1 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

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Mike Snyder For 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:	06/30/2025	Sampling Date:	06/30/2025
Reported:	07/07/2025	Sampling Type:	Soil
Project Name:	BASS 5 TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	PPA - 102	Sample Received By:	Tamara Oldaker
Project Location:	32.53844895-103.70449691		

Sample ID: H 2 @ SURFACE (H253935-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/01/2025	ND	1.92	96.1	2.00	0.467		
Toluene*	<0.050	0.050	07/01/2025	ND	1.99	99.7	2.00	0.871		
Ethylbenzene*	<0.050	0.050	07/01/2025	ND	2.01	100	2.00	0.998		
Total Xylenes*	<0.150	0.150	07/01/2025	ND	5.94	98.9	6.00	1.07		
Total BTEX	<0.300	0.300	07/01/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/01/2025	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	07/01/2025	ND	191	95.5	200	0.917	
DRO >C10-C28*	<10.0	10.0	07/01/2025	ND	213	106	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	07/01/2025	ND					

Surrogate: 1-Chlorooctane 101 % 44.4-145

Surrogate: 1-Chlorooctadecane 99.1 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

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Mike Snyder For 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: 06/30/2025
 Reported: 07/07/2025
 Project Name: BASS 5 TANK BATTERY
 Project Number: PPA - 102
 Project Location: 32.53844895-103.70449691

Sampling Date: 06/30/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H 3 @ SURFACE (H253935-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/01/2025	ND	1.92	96.1	2.00	0.467		
Toluene*	<0.050	0.050	07/01/2025	ND	1.99	99.7	2.00	0.871		
Ethylbenzene*	<0.050	0.050	07/01/2025	ND	2.01	100	2.00	0.998		
Total Xylenes*	<0.150	0.150	07/01/2025	ND	5.94	98.9	6.00	1.07		
Total BTEX	<0.300	0.300	07/01/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	07/01/2025	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	07/01/2025	ND	191	95.5	200	0.917	
DRO >C10-C28*	<10.0	10.0	07/01/2025	ND	213	106	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	07/01/2025	ND					

Surrogate: 1-Chlorooctane 101 % 44.4-145

Surrogate: 1-Chlorooctadecane 96.4 % 40.6-153

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*=Accredited Analyte

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Mike Snyder For 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: 06/30/2025
 Reported: 07/07/2025
 Project Name: BASS 5 TANK BATTERY
 Project Number: PPA - 102
 Project Location: 32.53844895-103.70449691

Sampling Date: 06/30/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H 4 @ SURFACE (H253935-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/01/2025	ND	1.92	96.1	2.00	0.467		
Toluene*	<0.050	0.050	07/01/2025	ND	1.99	99.7	2.00	0.871		
Ethylbenzene*	<0.050	0.050	07/01/2025	ND	2.01	100	2.00	0.998		
Total Xylenes*	<0.150	0.150	07/01/2025	ND	5.94	98.9	6.00	1.07		
Total BTEX	<0.300	0.300	07/01/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	07/01/2025	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	07/01/2025	ND	191	95.5	200	0.917	
DRO >C10-C28*	<10.0	10.0	07/01/2025	ND	213	106	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	07/01/2025	ND					

Surrogate: 1-Chlorooctane 106 % 44.4-145

Surrogate: 1-Chlorooctadecane 104 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

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Mike Snyder For 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: 06/30/2025
 Reported: 07/07/2025
 Project Name: BASS 5 TANK BATTERY
 Project Number: PPA - 102
 Project Location: 32.53844895-103.70449691

Sampling Date: 06/30/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H 5 @ SURFACE (H253935-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/01/2025	ND	1.92	96.1	2.00	0.467		
Toluene*	<0.050	0.050	07/01/2025	ND	1.99	99.7	2.00	0.871		
Ethylbenzene*	<0.050	0.050	07/01/2025	ND	2.01	100	2.00	0.998		
Total Xylenes*	<0.150	0.150	07/01/2025	ND	5.94	98.9	6.00	1.07		
Total BTEX	<0.300	0.300	07/01/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/01/2025	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	07/01/2025	ND	191	95.5	200	0.917	
DRO >C10-C28*	<10.0	10.0	07/01/2025	ND	213	106	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	07/01/2025	ND					

Surrogate: 1-Chlorooctane 95.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 95.1 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

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Mike Snyder For 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: 06/30/2025
 Reported: 07/07/2025
 Project Name: BASS 5 TANK BATTERY
 Project Number: PPA - 102
 Project Location: 32.53844895-103.70449691

Sampling Date: 06/30/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H 6 @ SURFACE (H253935-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/01/2025	ND	1.92	96.1	2.00	0.467		
Toluene*	<0.050	0.050	07/01/2025	ND	1.99	99.7	2.00	0.871		
Ethylbenzene*	<0.050	0.050	07/01/2025	ND	2.01	100	2.00	0.998		
Total Xylenes*	<0.150	0.150	07/01/2025	ND	5.94	98.9	6.00	1.07		
Total BTEX	<0.300	0.300	07/01/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/01/2025	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	07/01/2025	ND	191	95.5	200	0.917	
DRO >C10-C28*	<10.0	10.0	07/01/2025	ND	213	106	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	07/01/2025	ND					

Surrogate: 1-Chlorooctane 101 % 44.4-145

Surrogate: 1-Chlorooctadecane 102 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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A handwritten signature in black ink, appearing to read "Mike Snyder".

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

July 07, 2025

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: BASS 5 TANK BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 06/30/25 16:11.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. 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 "Mike Snyder". The signature is fluid and cursive, with the first name "Mike" and last name "Snyder" clearly distinguishable.

Mike Snyder For 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:	06/30/2025	Sampling Date:	06/30/2025
Reported:	07/07/2025	Sampling Type:	Soil
Project Name:	BASS 5 TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	PPA - 102	Sample Received By:	Tamara Oldaker
Project Location:	32.53844895-103.70449691		

Sample ID: SP 1 @ SURFACE (H253936-01)

BTX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/02/2025	ND	1.92	96.1	2.00	0.467	
Toluene*	2.16	0.050	07/02/2025	ND	1.99	99.7	2.00	0.871	GC-NC1
Ethylbenzene*	7.15	0.050	07/02/2025	ND	2.01	100	2.00	0.998	GC-NC1
Total Xylenes*	22.7	0.150	07/02/2025	ND	5.94	98.9	6.00	1.07	GC-NC1
Total BTX	32.0	0.300	07/02/2025	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 278 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/01/2025	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*	1210	100	07/01/2025	ND	191	95.5	200	0.917	
DRO >C10-C28*	24000	100	07/01/2025	ND	213	106	200	1.08	
EXT DRO >C28-C36	3940	100	07/01/2025	ND					

Surrogate: 1-Chlorooctane 402 % 44.4-145

Surrogate: 1-Chlorooctadecane 815 % 40.6-153

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Mike Snyder For 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:	06/30/2025	Sampling Date:	06/30/2025
Reported:	07/07/2025	Sampling Type:	Soil
Project Name:	BASS 5 TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	PPA - 102	Sample Received By:	Tamara Oldaker
Project Location:	32.53844895-103.70449691		

Sample ID: SP 1 @ 3' (H253936-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/01/2025	ND	1.92	96.1	2.00	0.467		
Toluene*	<0.050	0.050	07/01/2025	ND	1.99	99.7	2.00	0.871		
Ethylbenzene*	<0.050	0.050	07/01/2025	ND	2.01	100	2.00	0.998		
Total Xylenes*	<0.150	0.150	07/01/2025	ND	5.94	98.9	6.00	1.07		
Total BTEX	<0.300	0.300	07/01/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	07/01/2025	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	07/01/2025	ND	191	95.5	200	0.917	
DRO >C10-C28*	<10.0	10.0	07/01/2025	ND	213	106	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	07/01/2025	ND					

Surrogate: 1-Chlorooctane 100 % 44.4-145

Surrogate: 1-Chlorooctadecane 99.3 % 40.6-153

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Analytical Results For:

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

Received: 06/30/2025
 Reported: 07/07/2025
 Project Name: BASS 5 TANK BATTERY
 Project Number: PPA - 102
 Project Location: 32.53844895-103.70449691

Sampling Date: 06/30/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 2 @ SURFACE (H253936-03)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/01/2025	ND	1.92	96.1	2.00	0.467		
Toluene*	<0.050	0.050	07/01/2025	ND	1.99	99.7	2.00	0.871		
Ethylbenzene*	<0.050	0.050	07/01/2025	ND	2.01	100	2.00	0.998		
Total Xylenes*	<0.150	0.150	07/01/2025	ND	5.94	98.9	6.00	1.07		
Total BTX	<0.300	0.300	07/01/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4880	16.0	07/01/2025	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	07/01/2025	ND	191	95.5	200	0.917	
DRO >C10-C28*	10.4	10.0	07/01/2025	ND	213	106	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	07/01/2025	ND					

Surrogate: 1-Chlorooctane 96.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 96.4 % 40.6-153

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Mike Snyder For 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: 06/30/2025
 Reported: 07/07/2025
 Project Name: BASS 5 TANK BATTERY
 Project Number: PPA - 102
 Project Location: 32.53844895-103.70449691

Sampling Date: 06/30/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 2 @ 4' (H253936-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/01/2025	ND	1.92	96.1	2.00	0.467		
Toluene*	<0.050	0.050	07/01/2025	ND	1.99	99.7	2.00	0.871		
Ethylbenzene*	<0.050	0.050	07/01/2025	ND	2.01	100	2.00	0.998		
Total Xylenes*	<0.150	0.150	07/01/2025	ND	5.94	98.9	6.00	1.07		
Total BTEX	<0.300	0.300	07/01/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6400	16.0	07/01/2025	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	07/01/2025	ND	191	95.5	200	0.917	
DRO >C10-C28*	11.0	10.0	07/01/2025	ND	213	106	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	07/01/2025	ND					

Surrogate: 1-Chlorooctane 102 % 44.4-145

Surrogate: 1-Chlorooctadecane 102 % 40.6-153

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Mike Snyder For 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:	06/30/2025	Sampling Date:	06/30/2025
Reported:	07/07/2025	Sampling Type:	Soil
Project Name:	BASS 5 TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	PPA - 102	Sample Received By:	Tamara Oldaker
Project Location:	32.53844895-103.70449691		

Sample ID: SP 3 @ SURFACE (H253936-05)

BTX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	07/02/2025	ND	1.92	96.1	2.00	0.467	GC-NC
Toluene*	2.29	0.100	07/02/2025	ND	1.99	99.7	2.00	0.871	GC-NC1
Ethylbenzene*	9.75	0.100	07/02/2025	ND	2.01	100	2.00	0.998	GC-NC1
Total Xylenes*	24.8	0.300	07/02/2025	ND	5.94	98.9	6.00	1.07	GC-NC1
Total BTX	36.9	0.600	07/02/2025	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 244 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5360	16.0	07/01/2025	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*	1090	100	07/02/2025	ND	191	95.5	200	0.917	
DRO >C10-C28*	13600	100	07/02/2025	ND	213	106	200	1.08	
EXT DRO >C28-C36	2350	100	07/02/2025	ND					

Surrogate: 1-Chlorooctane 236 % 44.4-145

Surrogate: 1-Chlorooctadecane 287 % 40.6-153

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Mike Snyder For 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: 06/30/2025
 Reported: 07/07/2025
 Project Name: BASS 5 TANK BATTERY
 Project Number: PPA - 102
 Project Location: 32.53844895-103.70449691

Sampling Date: 06/30/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 3 @ 4' (H253936-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/01/2025	ND	1.92	96.1	2.00	0.467		
Toluene*	<0.050	0.050	07/01/2025	ND	1.99	99.7	2.00	0.871		
Ethylbenzene*	<0.050	0.050	07/01/2025	ND	2.01	100	2.00	0.998		
Total Xylenes*	<0.150	0.150	07/01/2025	ND	5.94	98.9	6.00	1.07		
Total BTEX	<0.300	0.300	07/01/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	07/01/2025	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	07/01/2025	ND	191	95.5	200	0.917	
DRO >C10-C28*	<10.0	10.0	07/01/2025	ND	213	106	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	07/01/2025	ND					

Surrogate: 1-Chlorooctane 98.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 99.2 % 40.6-153

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Mike Snyder For 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:	06/30/2025	Sampling Date:	06/30/2025
Reported:	07/07/2025	Sampling Type:	Soil
Project Name:	BASS 5 TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	PPA - 102	Sample Received By:	Tamara Oldaker
Project Location:	32.53844895-103.70449691		

Sample ID: SP 4 @ SURFACE (H253936-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/01/2025	ND	1.92	96.1	2.00	0.467		
Toluene*	<0.050	0.050	07/01/2025	ND	1.99	99.7	2.00	0.871		
Ethylbenzene*	<0.050	0.050	07/01/2025	ND	2.01	100	2.00	0.998		
Total Xylenes*	<0.150	0.150	07/01/2025	ND	5.94	98.9	6.00	1.07		
Total BTEX	<0.300	0.300	07/01/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1500	16.0	07/01/2025	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	07/01/2025	ND	191	95.5	200	0.917	
DRO >C10-C28*	16.8	10.0	07/01/2025	ND	213	106	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	07/01/2025	ND					

Surrogate: 1-Chlorooctane 105 % 44.4-145

Surrogate: 1-Chlorooctadecane 105 % 40.6-153

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Analytical Results For:

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

Received: 06/30/2025
 Reported: 07/07/2025
 Project Name: BASS 5 TANK BATTERY
 Project Number: PPA - 102
 Project Location: 32.53844895-103.70449691

Sampling Date: 06/30/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 4 @ 1' (H253936-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/01/2025	ND	1.92	96.1	2.00	0.467		
Toluene*	<0.050	0.050	07/01/2025	ND	1.99	99.7	2.00	0.871		
Ethylbenzene*	<0.050	0.050	07/01/2025	ND	2.01	100	2.00	0.998		
Total Xylenes*	<0.150	0.150	07/01/2025	ND	5.94	98.9	6.00	1.07		
Total BTEX	<0.300	0.300	07/01/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/01/2025	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	07/01/2025	ND	191	95.5	200	0.917	
DRO >C10-C28*	<10.0	10.0	07/01/2025	ND	213	106	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	07/01/2025	ND					

Surrogate: 1-Chlorooctane 101 % 44.4-145

Surrogate: 1-Chlorooctadecane 102 % 40.6-153

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Mike Snyder For 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:	06/30/2025	Sampling Date:	06/30/2025
Reported:	07/07/2025	Sampling Type:	Soil
Project Name:	BASS 5 TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	PPA - 102	Sample Received By:	Tamara Oldaker
Project Location:	32.53844895-103.70449691		

Sample ID: SP 5 @ SURFACE (H253936-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/01/2025	ND	1.92	96.1	2.00	0.467		
Toluene*	<0.050	0.050	07/01/2025	ND	1.99	99.7	2.00	0.871		
Ethylbenzene*	<0.050	0.050	07/01/2025	ND	2.01	100	2.00	0.998		
Total Xylenes*	<0.150	0.150	07/01/2025	ND	5.94	98.9	6.00	1.07		
Total BTEX	<0.300	0.300	07/01/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4000	16.0	07/01/2025	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	07/01/2025	ND	191	95.5	200	0.917	
DRO >C10-C28*	20.2	10.0	07/01/2025	ND	213	106	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	07/01/2025	ND					

Surrogate: 1-Chlorooctane 96.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 96.3 % 40.6-153

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Mike Snyder For 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: 06/30/2025
 Reported: 07/07/2025
 Project Name: BASS 5 TANK BATTERY
 Project Number: PPA - 102
 Project Location: 32.53844895-103.70449691

Sampling Date: 06/30/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 5 @ 4' (H253936-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/01/2025	ND	1.92	96.1	2.00	0.467		
Toluene*	<0.050	0.050	07/01/2025	ND	1.99	99.7	2.00	0.871		
Ethylbenzene*	<0.050	0.050	07/01/2025	ND	2.01	100	2.00	0.998		
Total Xylenes*	<0.150	0.150	07/01/2025	ND	5.94	98.9	6.00	1.07		
Total BTEX	<0.300	0.300	07/01/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4240	16.0	07/01/2025	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	07/01/2025	ND	191	95.5	200	0.917	
DRO >C10-C28*	<10.0	10.0	07/01/2025	ND	213	106	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	07/01/2025	ND					

Surrogate: 1-Chlorooctane 97.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 98.4 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-05	The surrogate recovery is outside of lab established statistical control limits but still within method limits. Data is not adversely affected.
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.
GC-NC	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
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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Mike Snyder For 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: Diamondback Disposal Services		BILL TO		ANALYSIS REQUEST					
Project Manager: Justin Roberts		P.O. #:							
Address: 2525 NW County Rd.		Company: Diamondback							
City: Hobbs		Attn:							
State: NM Zip: 88240		Address:							
Phone #:		City:							
Project #: PPA-102		State:							
Project Name: Bass 5 Tank Battery		Zip:							
Project Location: 32 53844895-103 70449691		Phone #:							
Sample Name: Julio Rivera		Fax #:							

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.	DATE	TIME	ANALYSIS REQUEST								
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE				OTHER :	CL	BTEX	EXT TPH	FULL TCLIP	NORM			
1	SP1 @ Surface	g	1	X					X	6-30-25	10:10 AM	X	X	X						
2	SP1 @ 3'	g	1	X					X	6-30-25	10:30 AM	X	X	X						
3	SP2 @ Surface	g	1	X					X	6-30-25	10:12 AM	X	X	X						
4	SP2 @ 4'	g	1	X					X	6-30-25	10:40 AM	X	X	X						
5	SP3 @ Surface	g	1	X					X	6-30-25	10:14 AM	X	X	X						
6	SP3 @ 4'	g	1	X					X	6-30-25	10:50 AM	X	X	X						
7	SP4 @ Surface	g	1	X					X	6-30-25	10:16 AM	X	X	X						
8	SP4 @ 1'	g	1	X					X	6-30-25	11:00 AM	X	X	X						
9	SP5 @ Surface	g	1	X					X	6-30-25	10:18 AM	X	X	X						
10	SP5 @ 4'	g	1	X					X	6-30-25	11:10 AM	X	X	X						

Relinquished By:	Date: 6-30-25	Received By:	Date: 6-30-25	Verbal Result:	☐ Yes ☐ No	Add'l Phone #:
Relinquished By:	Time: 1:11	Received By:	Time: 1:11	All Results are emailed. Please provide Email address:	Environmental@Diamondbacknm.com	
Relinquished By:		Received By:		REMARKS:		

Delivered By: (Circle One)	Observed Temp. °C	Sample Condition	CHECKED BY: (Initials)	Turnaround Time:	Standard	Bacteria (only) Sample Condition
Sampler - UPS - Bus - Other:	Corrected Temp. °C	Cool Intact ☐ Yes ☐ No	AP	Thermometer ID #140	☒ Rush	Cool Intact ☐ Yes ☐ No
				Correction Factor +0.3°C		Observed Temp. °C
						Corrected Temp. °C

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



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

September 17, 2025

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: BASS 5 TANK BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 09/11/25 16:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 09/11/2025
 Reported: 09/17/2025
 Project Name: BASS 5 TANK BATTERY
 Project Number: PPA - 102
 Project Location: 32.53844895-103.70449691

Sampling Date: 09/11/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: W 1 @ 6" (H255724-01)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/12/2025	ND	1.80	89.8	2.00	1.30		
Toluene*	<0.050	0.050	09/12/2025	ND	1.85	92.4	2.00	1.57		
Ethylbenzene*	<0.050	0.050	09/12/2025	ND	1.87	93.4	2.00	1.60		
Total Xylenes*	<0.150	0.150	09/12/2025	ND	5.77	96.2	6.00	1.89		
Total BTX	<0.300	0.300	09/12/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	09/12/2025	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2025	ND	206	103	200	1.25	
DRO >C10-C28*	<10.0	10.0	09/12/2025	ND	198	99.2	200	0.567	
EXT DRO >C28-C36	<10.0	10.0	09/12/2025	ND					

Surrogate: 1-Chlorooctane 109 % 44.4-145

Surrogate: 1-Chlorooctadecane 106 % 40.6-153

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 09/11/2025
 Reported: 09/17/2025
 Project Name: BASS 5 TANK BATTERY
 Project Number: PPA - 102
 Project Location: 32.53844895-103.70449691

Sampling Date: 09/11/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: W 2 @ 6" (H255724-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/12/2025	ND	1.80	89.8	2.00	1.30		
Toluene*	<0.050	0.050	09/12/2025	ND	1.85	92.4	2.00	1.57		
Ethylbenzene*	<0.050	0.050	09/12/2025	ND	1.87	93.4	2.00	1.60		
Total Xylenes*	<0.150	0.150	09/12/2025	ND	5.77	96.2	6.00	1.89		
Total BTEX	<0.300	0.300	09/12/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/12/2025	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2025	ND	206	103	200	1.25	
DRO >C10-C28*	<10.0	10.0	09/12/2025	ND	198	99.2	200	0.567	
EXT DRO >C28-C36	<10.0	10.0	09/12/2025	ND					

Surrogate: 1-Chlorooctane 102 % 44.4-145

Surrogate: 1-Chlorooctadecane 98.6 % 40.6-153

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: 09/11/2025
 Reported: 09/17/2025
 Project Name: BASS 5 TANK BATTERY
 Project Number: PPA - 102
 Project Location: 32.53844895-103.70449691

Sampling Date: 09/11/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: W 3 @ 6" (H255724-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/12/2025	ND	1.80	89.8	2.00	1.30		
Toluene*	<0.050	0.050	09/12/2025	ND	1.85	92.4	2.00	1.57		
Ethylbenzene*	<0.050	0.050	09/12/2025	ND	1.87	93.4	2.00	1.60		
Total Xylenes*	<0.150	0.150	09/12/2025	ND	5.77	96.2	6.00	1.89		
Total BTEX	<0.300	0.300	09/12/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/12/2025	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2025	ND	206	103	200	1.25	
DRO >C10-C28*	<10.0	10.0	09/12/2025	ND	198	99.2	200	0.567	
EXT DRO >C28-C36	<10.0	10.0	09/12/2025	ND					

Surrogate: 1-Chlorooctane 89.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 85.1 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene", written in a cursive style.

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

September 17, 2025

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: BASS 5 TANK BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 09/11/25 16:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/11/2025	Sampling Date:	09/11/2025
Reported:	09/17/2025	Sampling Type:	Soil
Project Name:	BASS 5 TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	PPA - 102	Sample Received By:	Alyssa Parras
Project Location:	32.53844895-103.70449691		

Sample ID: B 1 @ 6" (H255727-01)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2025	ND	1.80	89.8	2.00	1.30	
Toluene*	<0.050	0.050	09/12/2025	ND	1.85	92.4	2.00	1.57	
Ethylbenzene*	<0.050	0.050	09/12/2025	ND	1.87	93.4	2.00	1.60	
Total Xylenes*	<0.150	0.150	09/12/2025	ND	5.77	96.2	6.00	1.89	
Total BTEX	<0.300	0.300	09/12/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1740	16.0	09/12/2025	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2025	ND	206	103	200	1.25	
DRO >C10-C28*	<10.0	10.0	09/12/2025	ND	198	99.2	200	0.567	
EXT DRO >C28-C36	<10.0	10.0	09/12/2025	ND					

Surrogate: 1-Chlorooctane 95.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 93.8 % 40.6-153

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: 09/11/2025
 Reported: 09/17/2025
 Project Name: BASS 5 TANK BATTERY
 Project Number: PPA - 102
 Project Location: 32.53844895-103.70449691

Sampling Date: 09/11/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: B 2 @ 6" (H255727-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/12/2025	ND	1.80	89.8	2.00	1.30		
Toluene*	<0.050	0.050	09/12/2025	ND	1.85	92.4	2.00	1.57		
Ethylbenzene*	<0.050	0.050	09/12/2025	ND	1.87	93.4	2.00	1.60		
Total Xylenes*	<0.150	0.150	09/12/2025	ND	5.77	96.2	6.00	1.89		
Total BTEX	<0.300	0.300	09/12/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1150	16.0	09/12/2025	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2025	ND	206	103	200	1.25	
DRO >C10-C28*	<10.0	10.0	09/12/2025	ND	198	99.2	200	0.567	
EXT DRO >C28-C36	<10.0	10.0	09/12/2025	ND					

Surrogate: 1-Chlorooctane 102 % 44.4-145

Surrogate: 1-Chlorooctadecane 101 % 40.6-153

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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: 09/11/2025
 Reported: 09/17/2025
 Project Name: BASS 5 TANK BATTERY
 Project Number: PPA - 102
 Project Location: 32.53844895-103.70449691

Sampling Date: 09/11/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: B 3 @ 6" (H255727-03)

BTEx 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2025	ND	1.80	89.8	2.00	1.30	
Toluene*	<0.050	0.050	09/12/2025	ND	1.85	92.4	2.00	1.57	GC-NC
Ethylbenzene*	0.921	0.050	09/12/2025	ND	1.87	93.4	2.00	1.60	GC-NC1
Total Xylenes*	5.66	0.150	09/12/2025	ND	5.77	96.2	6.00	1.89	GC-NC1
Total BTEX	6.59	0.300	09/12/2025	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 195 % 71.5-134

Chloride, SM4500Cl-B			mg/kg					Analyzed By: KH	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	15200	16.0	09/12/2025	ND	448	112	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	306	50.0	09/12/2025	ND	206	103	200	1.25	
DRO >C10-C28*	7200	50.0	09/12/2025	ND	198	99.2	200	0.567	
EXT DRO >C28-C36	1340	50.0	09/12/2025	ND					

Surrogate: 1-Chlorooctane 143 % 44.4-145

Surrogate: 1-Chlorooctadecane 320 % 40.6-153

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Analytical Results For:

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

Received:	09/11/2025	Sampling Date:	09/11/2025
Reported:	09/17/2025	Sampling Type:	Soil
Project Name:	BASS 5 TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	PPA - 102	Sample Received By:	Alyssa Parras
Project Location:	32.53844895-103.70449691		

Sample ID: B 4 @ 6" (H255727-04)

BTEx 8021B		mg/kg	Analyzed By: JH					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/15/2025	ND	1.80	89.8	2.00	1.30	
Toluene*	<0.050	0.050	09/15/2025	ND	1.85	92.4	2.00	1.57	GC-NC
Ethylbenzene*	<0.050	0.050	09/15/2025	ND	1.87	93.4	2.00	1.60	GC-NC
Total Xylenes*	4.09	0.150	09/15/2025	ND	5.77	96.2	6.00	1.89	GC-NC1
Total BTEx	4.09	0.300	09/15/2025	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 206 % 71.5-134

Chloride, SM4500Cl-B		mg/kg	Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1090	16.0	09/12/2025	ND	448	112	400	7.41	

TPH 8015M		mg/kg	Analyzed By: MS					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	431	50.0	09/12/2025	ND	206	103	200	1.25	
DRO >C10-C28*	8230	50.0	09/12/2025	ND	198	99.2	200	0.567	
EXT DRO >C28-C36	1510	50.0	09/12/2025	ND					

Surrogate: 1-Chlorooctane 159 % 44.4-145

Surrogate: 1-Chlorooctadecane 327 % 40.6-153

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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: 09/11/2025
 Reported: 09/17/2025
 Project Name: BASS 5 TANK BATTERY
 Project Number: PPA - 102
 Project Location: 32.53844895-103.70449691

Sampling Date: 09/11/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: B 5 @ 6" (H255727-05)

BTEx 8021B		mg/kg	Analyzed By: JH					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2025	ND	1.80	89.8	2.00	1.30	
Toluene*	<0.050	0.050	09/12/2025	ND	1.85	92.4	2.00	1.57	GC-NC
Ethylbenzene*	<0.050	0.050	09/12/2025	ND	1.87	93.4	2.00	1.60	GC-NC
Total Xylenes*	0.791	0.150	09/12/2025	ND	5.77	96.2	6.00	1.89	GC-NC1
Total BTEx	0.791	0.300	09/12/2025	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 175 % 71.5-134

Chloride, SM4500Cl-B		mg/kg	Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	09/12/2025	ND	448	112	400	7.41	

TPH 8015M		mg/kg	Analyzed By: MS					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	186	50.0	09/12/2025	ND	206	103	200	1.25	
DRO >C10-C28*	4900	50.0	09/12/2025	ND	198	99.2	200	0.567	
EXT DRO >C28-C36	990	50.0	09/12/2025	ND					

Surrogate: 1-Chlorooctane 126 % 44.4-145

Surrogate: 1-Chlorooctadecane 245 % 40.6-153

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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: 09/11/2025
 Reported: 09/17/2025
 Project Name: BASS 5 TANK BATTERY
 Project Number: PPA - 102
 Project Location: 32.53844895-103.70449691

Sampling Date: 09/11/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: B 6 @ 6" (H255727-06)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2025	ND	1.80	89.8	2.00	1.30	
Toluene*	<0.050	0.050	09/12/2025	ND	1.85	92.4	2.00	1.57	
Ethylbenzene*	<0.050	0.050	09/12/2025	ND	1.87	93.4	2.00	1.60	
Total Xylenes*	<0.150	0.150	09/12/2025	ND	5.77	96.2	6.00	1.89	
Total BTEX	<0.300	0.300	09/12/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1760	16.0	09/12/2025	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2025	ND	206	103	200	1.25	
DRO >C10-C28*	72.4	10.0	09/12/2025	ND	198	99.2	200	0.567	
EXT DRO >C28-C36	19.9	10.0	09/12/2025	ND					

Surrogate: 1-Chlorooctane 97.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 99.8 % 40.6-153

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Analytical Results For:

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

Received: 09/11/2025
 Reported: 09/17/2025
 Project Name: BASS 5 TANK BATTERY
 Project Number: PPA - 102
 Project Location: 32.53844895-103.70449691

Sampling Date: 09/11/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: B 7 @ 6" (H255727-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/12/2025	ND	1.80	89.8	2.00	1.30		
Toluene*	<0.050	0.050	09/12/2025	ND	1.85	92.4	2.00	1.57		
Ethylbenzene*	<0.050	0.050	09/12/2025	ND	1.87	93.4	2.00	1.60		
Total Xylenes*	<0.150	0.150	09/12/2025	ND	5.77	96.2	6.00	1.89		
Total BTEX	<0.300	0.300	09/12/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5200	16.0	09/12/2025	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2025	ND	206	103	200	1.25	
DRO >C10-C28*	153	10.0	09/12/2025	ND	198	99.2	200	0.567	
EXT DRO >C28-C36	47.7	10.0	09/12/2025	ND					

Surrogate: 1-Chlorooctane 97.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 101 % 40.6-153

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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: 09/11/2025
 Reported: 09/17/2025
 Project Name: BASS 5 TANK BATTERY
 Project Number: PPA - 102
 Project Location: 32.53844895-103.70449691

Sampling Date: 09/11/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: B 8 @ 6" (H255727-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/12/2025	ND	1.80	89.8	2.00	1.30		
Toluene*	<0.050	0.050	09/12/2025	ND	1.85	92.4	2.00	1.57		
Ethylbenzene*	<0.050	0.050	09/12/2025	ND	1.87	93.4	2.00	1.60		
Total Xylenes*	<0.150	0.150	09/12/2025	ND	5.77	96.2	6.00	1.89		
Total BTEX	<0.300	0.300	09/12/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	09/12/2025	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2025	ND	206	103	200	1.25	
DRO >C10-C28*	<10.0	10.0	09/12/2025	ND	198	99.2	200	0.567	
EXT DRO >C28-C36	<10.0	10.0	09/12/2025	ND					

Surrogate: 1-Chlorooctane 75.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 72.9 % 40.6-153

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Analytical Results For:

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

Received: 09/11/2025
 Reported: 09/17/2025
 Project Name: BASS 5 TANK BATTERY
 Project Number: PPA - 102
 Project Location: 32.53844895-103.70449691

Sampling Date: 09/11/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: B 9 @ 6" (H255727-09)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2025	ND	1.80	89.8	2.00	1.30	
Toluene*	<0.050	0.050	09/12/2025	ND	1.85	92.4	2.00	1.57	
Ethylbenzene*	<0.050	0.050	09/12/2025	ND	1.87	93.4	2.00	1.60	GC-NC
Total Xylenes*	<0.150	0.150	09/12/2025	ND	5.77	96.2	6.00	1.89	GC-NC1
Total BTEX	<0.300	0.300	09/12/2025	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 123 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2080	16.0	09/12/2025	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	39.7	10.0	09/12/2025	ND	206	103	200	1.25	
DRO >C10-C28*	3770	10.0	09/12/2025	ND	198	99.2	200	0.567	
EXT DRO >C28-C36	828	10.0	09/12/2025	ND					

Surrogate: 1-Chlorooctane 95.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 205 % 40.6-153

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Analytical Results For:

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

Received: 09/11/2025
 Reported: 09/17/2025
 Project Name: BASS 5 TANK BATTERY
 Project Number: PPA - 102
 Project Location: 32.53844895-103.70449691

Sampling Date: 09/11/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: B 10 @ 6" (H255727-10)

BTEx 8021B		mg/kg	Analyzed By: JH					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2025	ND	1.72	85.8	2.00	0.359	
Toluene*	<0.050	0.050	09/12/2025	ND	1.76	88.2	2.00	0.195	GC-NC
Ethylbenzene*	<0.050	0.050	09/12/2025	ND	1.74	87.2	2.00	0.267	GC-NC, QM-07
Total Xylenes*	5.01	0.150	09/12/2025	ND	5.09	84.9	6.00	0.260	GC-NC1
Total BTEx	5.01	0.300	09/12/2025	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 379 % 71.5-134

Chloride, SM4500Cl-B		mg/kg	Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/12/2025	ND	448	112	400	7.41	

TPH 8015M		mg/kg	Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	573	10.0	09/12/2025	ND	206	103	200	1.25	
DRO >C10-C28*	8110	10.0	09/12/2025	ND	198	99.2	200	0.567	
EXT DRO >C28-C36	1310	10.0	09/12/2025	ND					

Surrogate: 1-Chlorooctane 146 % 44.4-145

Surrogate: 1-Chlorooctadecane 372 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
GC-NC	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Diamondback Disposal Services		BILL TO		ANALYSIS REQUEST																					
Project Manager: Justin Roberts		P.O. #:																							
Address: 2525 NW County Rd.		Company: Diamondback																							
City: Hobbs		Attn: Cameron Clark																							
State: NM Zip: 88240		Address:																							
Phone #:		City:																							
Fax #:		State:																							
Project #: PPA-102		Project Owner:																							
Project Name: Bass 5 Tank Battery		Phone #:																							
Project Location: 32.53844895, -103.70449691		Fax #:																							
Sample Name: Jacob Thurman		PRESERV.		SAMPLING																					
FOR LAB USE ONLY																									
Lab I.D. H055707	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					DATE	TIME															
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE			OTHER :	ACID/BASE:	ICE / COOL	OTHER :	CL	BTX	EXT TPH	FULL TCLIP	NORM						
				B1 @ 6"	G	1	X																		
				B2 @ 6"	G	1	X																		
				B3 @ 6"	G	1	X																		
				B4 @ 6"	G	1	X																		
				B5 @ 6"	G	1	X																		
				B6 @ 6"	G	1	X																		
B7 @ 6"	G	1	X																						
B8 @ 6"	G	1	X																						
B9 @ 6"	G	1	X																						
B10 @ 6"	G	1	X																						
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Relinquished By:		Date: 8-1-25		Received By:		Verbal Result: ☐ Yes ☐ No ☐ Add'l Phone #:		REMARKS:																	
Relinquished By:		Time: 10:30		Received By:		All Results are emailed. Please provide Email address:		Environmental@Diamondbacknm.com																	
Delivered By: (Circle One)		Observed Temp. °C		Sample Condition		CHECKED BY: (Initials)																			
Sampler - UPS - Bus - Other:		Corrected Temp. °C		Cool Intact		Turnaround Time:																			
		54-57		☐ Yes ☒ No		Thermometer ID #140																			
				☐ Yes ☒ No		Correction Factor +0.3°C																			
				☐ Yes ☒ No		Standard ☒ Rush ☐																			
				☐ Yes ☒ No		Bacteria (only) Sample Condition																			
				☐ Yes ☒ No		Cool Intact																			
				☐ Yes ☒ No		Observed Temp. °C																			
				☐ Yes ☒ No		Corrected Temp. °C																			

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



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

October 09, 2025

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: BASS #5 TANK BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 10/03/25 15:47.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. 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:	10/03/2025	Sampling Date:	10/03/2025
Reported:	10/09/2025	Sampling Type:	Soil
Project Name:	BASS #5 TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	PPA - 102	Sample Received By:	Tamara Oldaker
Project Location:	32.5384444-103.7045927		

Sample ID: B3 @ 1'6" (H256177-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2025	ND	1.95	97.3	2.00	2.78	
Toluene*	<0.050	0.050	10/06/2025	ND	2.21	111	2.00	5.98	
Ethylbenzene*	<0.050	0.050	10/06/2025	ND	2.37	119	2.00	9.54	
Total Xylenes*	<0.150	0.150	10/06/2025	ND	6.71	112	6.00	9.54	
Total BTX	<0.300	0.300	10/06/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3880	16.0	10/06/2025	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*	12.9	10.0	10/06/2025	ND	207	104	200	3.25	
DRO >C10-C28*	287	10.0	10/06/2025	ND	197	98.4	200	3.57	
EXT DRO >C28-C36	50.8	10.0	10/06/2025	ND					

Surrogate: 1-Chlorooctane 88.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 88.3 % 39.9-141

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/03/2025
 Reported: 10/09/2025
 Project Name: BASS #5 TANK BATTERY
 Project Number: PPA - 102
 Project Location: 32.5384444-103.7045927

Sampling Date: 10/03/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: B4 @ 1'6" (H256177-02)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2025	ND	1.95	97.3	2.00	2.78	
Toluene*	<0.050	0.050	10/06/2025	ND	2.21	111	2.00	5.98	
Ethylbenzene*	<0.050	0.050	10/06/2025	ND	2.37	119	2.00	9.54	
Total Xylenes*	<0.150	0.150	10/06/2025	ND	6.71	112	6.00	9.54	
Total BTEX	<0.300	0.300	10/06/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 125 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3880	16.0	10/06/2025	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	10/06/2025	ND	207	104	200	3.25	
DRO >C10-C28*	229	10.0	10/06/2025	ND	197	98.4	200	3.57	
EXT DRO >C28-C36	40.5	10.0	10/06/2025	ND					

Surrogate: 1-Chlorooctane 90.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 91.3 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/03/2025
 Reported: 10/09/2025
 Project Name: BASS #5 TANK BATTERY
 Project Number: PPA - 102
 Project Location: 32.5384444-103.7045927

Sampling Date: 10/03/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: B5 @ 1'6" (H256177-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2025	ND	1.95	97.3	2.00	2.78		
Toluene*	<0.050	0.050	10/06/2025	ND	2.21	111	2.00	5.98		
Ethylbenzene*	0.056	0.050	10/06/2025	ND	2.37	119	2.00	9.54		
Total Xylenes*	<0.150	0.150	10/06/2025	ND	6.71	112	6.00	9.54		
Total BTEx	<0.300	0.300	10/06/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 121 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3520	16.0	10/06/2025	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*	18.6	10.0	10/06/2025	ND	207	104	200	3.25	
DRO >C10-C28*	326	10.0	10/06/2025	ND	197	98.4	200	3.57	
EXT DRO >C28-C36	57.8	10.0	10/06/2025	ND					

Surrogate: 1-Chlorooctane 89.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 89.4 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/03/2025
 Reported: 10/09/2025
 Project Name: BASS #5 TANK BATTERY
 Project Number: PPA - 102
 Project Location: 32.5384444-103.7045927

Sampling Date: 10/03/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: B9 @ 1'6" (H256177-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/06/2025	ND	1.95	97.3	2.00	2.78		
Toluene*	<0.050	0.050	10/06/2025	ND	2.21	111	2.00	5.98	GC-NC	
Ethylbenzene*	0.113	0.050	10/06/2025	ND	2.37	119	2.00	9.54		
Total Xylenes*	0.483	0.150	10/06/2025	ND	6.71	112	6.00	9.54		
Total BTEX	0.596	0.300	10/06/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 129 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2200	16.0	10/06/2025	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*	26.2	10.0	10/06/2025	ND	207	104	200	3.25	
DRO >C10-C28*	861	10.0	10/06/2025	ND	197	98.4	200	3.57	
EXT DRO >C28-C36	158	10.0	10/06/2025	ND					

Surrogate: 1-Chlorooctane 97.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 103 % 39.9-141

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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: 10/03/2025
 Reported: 10/09/2025
 Project Name: BASS #5 TANK BATTERY
 Project Number: PPA - 102
 Project Location: 32.5384444-103.7045927

Sampling Date: 10/03/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: B10 @ 1'6" (H256177-05)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2025	ND	1.95	97.3	2.00	2.78	
Toluene*	<0.050	0.050	10/06/2025	ND	2.21	111	2.00	5.98	GC-NC
Ethylbenzene*	0.093	0.050	10/06/2025	ND	2.37	119	2.00	9.54	
Total Xylenes*	0.384	0.150	10/06/2025	ND	6.71	112	6.00	9.54	
Total BTEX	0.477	0.300	10/06/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 135 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2440	16.0	10/06/2025	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*	30.4	10.0	10/06/2025	ND	207	104	200	3.25	
DRO >C10-C28*	1070	10.0	10/06/2025	ND	197	98.4	200	3.57	
EXT DRO >C28-C36	195	10.0	10/06/2025	ND					

Surrogate: 1-Chlorooctane 93.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 103 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

Notes and Definitions

GC-NC	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

November 13, 2025

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: BASS #5 TANK BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 11/07/25 13:53.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. 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: 11/07/2025
 Reported: 11/13/2025
 Project Name: BASS #5 TANK BATTERY
 Project Number: PPA - 102
 Project Location: 32.53844895-103.7044691

Sampling Date: 11/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: B10 @ 1'9" (H257034-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2025	ND	1.92	96.1	2.00	1.49	
Toluene*	<0.050	0.050	11/10/2025	ND	2.11	106	2.00	4.10	GC-NC
Ethylbenzene*	<0.050	0.050	11/10/2025	ND	2.22	111	2.00	4.01	GC-NC
Total Xylenes*	0.349	0.150	11/10/2025	ND	6.89	115	6.00	3.29	
Total BTX	0.349	0.300	11/10/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	21800	16.0	11/10/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<50.0	50.0	11/10/2025	ND	191	95.4	200	3.30		
DRO >C10-C28*	8660	50.0	11/10/2025	ND	213	107	200	3.14		
EXT DRO >C28-C36	1840	50.0	11/10/2025	ND						

Surrogate: 1-Chlorooctane 105 % 52.4-130

Surrogate: 1-Chlorooctadecane 270 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager

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

Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
GC-NC	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
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

BILL TO

[illegible]



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

February 23, 2026

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: BASS #5 TANK BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 02/17/26 11:12.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. 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:	02/17/2026	Sampling Date:	02/17/2026
Reported:	02/23/2026	Sampling Type:	Soil
Project Name:	BASS #5 TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	PPA - 102	Sample Received By:	Tamara Oldaker
Project Location:	32.538448-103.704496		

Sample ID: B 10 @ 2' (H260932-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/18/2026	ND	1.97	98.4	2.00	0.689	
Toluene*	<0.050	0.050	02/18/2026	ND	1.96	97.9	2.00	1.47	
Ethylbenzene*	<0.050	0.050	02/18/2026	ND	1.85	92.7	2.00	3.61	
Total Xylenes*	<0.150	0.150	02/18/2026	ND	5.35	89.2	6.00	5.49	
Total BTX	<0.300	0.300	02/18/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/17/2026	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/18/2026	ND	185	92.4	200	4.40	
DRO >C10-C28*	50.4	10.0	02/18/2026	ND	201	101	200	1.32	
EXT DRO >C28-C36	15.1	10.0	02/18/2026	ND					

Surrogate: 1-Chlorooctane 77.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 77.4 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Diamond Back Div		BILL TO		ANALYSIS REQUEST	
Project Manager: Justin Roberts		P.O. #:			
Address: 2525 NW County Rd		Company: Polone Research			
City: Hobbs		Attn: Cameron Clark			
Phone #: (575) 392-5956		Address:			
State: NM		City:			
Zip: 88240		State:			
Project #: PDA-102		Phone #:			
Project Owner:		Fax #:			
Project Name: Bass Tank Battery					
Project Location: 32538448-103.704424					
Sampler Name: [Signature]					
FOR LAB USE ONLY					
Lab I.D. H260932	Sample I.D. B70021	☒ (G)RAB OR ☐ (C)OMP.			
		# CONTAINERS			
		GROUNDWATER			
		WASTEWATER			
		SOIL			
		OIL			
		SLUDGE			
		OTHER :			
		ACID/BASE:			
		ICE / COOL			
		OTHER :			
		DATE			
		TIME			
		4/7		5:00	
		C1		1	
		BTEX		1	
		EXT TPA		1	

REMARKS: Environmental 10 diamonds back nm. etc

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

CS-0402401K

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

Observed Temp. °C: -23 **Corrected Temp. °C:** -22

Sample Condition: ☒ Cool ☐ Intact ☐ Yes ☐ No

Checked By: [Signature]

Turnaround Time: Standard ☐ Rush ☒

Thermometer ID #140 **Correction Factor: +0.36 to 10.12**

Bacteria (only) Sample Condition: ☐ Cool ☐ Intact ☐ Yes ☐ No ☐ Observed Temp. °C ☐ Corrected Temp. °C

Relinquished By: [Signature] **Date:** 7/1/24 **Received By:** [Signature]

Relinquished By: [Signature] **Date:** 7/1/24

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Phone: (505) 476-3441

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Phone: (505) 629-6116

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

QUESTIONS

Action 601141

QUESTIONS

Operator: Paloma Permian AssetCo, LLC 1100 Louisiana, Ste. 5100 Houston, TX 77002	OGRID: 332449
	Action Number: 601141
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2514349525
Incident Name	NAPP2514349525 BASS 5 TANK BATTERY @ 30-025-34550
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-025-34550] BASS #005

Location of Release Source

Please answer all the questions in this group.

Site Name	Bass 5 Tank Battery
Date Release Discovered	05/23/2025
Surface Owner	Private

Incident Details

Please answer all the questions in this group.

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

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

Crude Oil Released (bbls) Details	Cause: Vehicular Accident Tank (Any) Crude Oil Released: 1 BBL Recovered: 1 BBL Lost: 0 BBL.
Produced Water Released (bbls) Details	Cause: Vehicular Accident Tank (Any) Produced Water Released: 50 BBL Recovered: 10 BBL Lost: 40 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Operator arrived on location at 05/23/2025 at 12:20 PM Mountain time. He discovered the load line connection on the water tank had been damaged and severed from the water tank. Suspected vehicular accident. Investigation in progress. Operator notified Paloma. Vacuum trucks and lease crew dispatched to suck up fluids and clean up contaminated soil.

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QUESTIONS, Page 2

Action 601141

QUESTIONS (continued)

Operator: Paloma Permian AssetCo, LLC 1100 Louisiana, Ste. 5100 Houston, TX 77002	OGRID: 332449
	Action Number: 601141
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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.

I hereby agree and sign off to the above statement	Name: Jason Owsley Email: jasono@diamondbacknm.com Date: 07/01/2026
--	---

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QUESTIONS, Page 3

Action 601141

QUESTIONS (continued)

Operator: Paloma Permian AssetCo, LLC 1100 Louisiana, Ste. 5100 Houston, TX 77002	OGRID: 332449
	Action Number: 601141
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	Attached Document
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between ½ and 1 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between ½ and 1 (mi.)
Any other fresh water well or spring	Between ½ and 1 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between ½ and 1 (mi.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	None
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	6400
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	29150
GRO+DRO (EPA SW-846 Method 8015M)	25210
BTEX (EPA SW-846 Method 8021B or 8260B)	36.9
Benzene (EPA SW-846 Method 8021B or 8260B)	9.8
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	09/10/2025
On what date will (or did) the final sampling or liner inspection occur	02/17/2026
On what date will (or was) the remediation complete(d)	02/16/2026
What is the estimated surface area (in square feet) that will be reclaimed	2300
What is the estimated volume (in cubic yards) that will be reclaimed	48
What is the estimated surface area (in square feet) that will be remediated	2300
What is the estimated volume (in cubic yards) that will be remediated	84
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
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QUESTIONS, Page 4

Action 601141

QUESTIONS (continued)

Operator: Paloma Permian AssetCo, LLC 1100 Louisiana, Ste. 5100 Houston, TX 77002	OGRID: 332449
	Action Number: 601141
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	fEEM0112342028 LEA LAND LANDFILL
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
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.	
I hereby agree and sign off to the above statement	Name: Jason Owsley Email: jasono@diamondbacknm.com Date: 07/01/2026
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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Phone: (505) 476-3441

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

QUESTIONS, Page 5

Action 601141

QUESTIONS (continued)

Operator: Paloma Permian AssetCo, LLC 1100 Louisiana, Ste. 5100 Houston, TX 77002	OGRID: 332449
	Action Number: 601141
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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State of New Mexico
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Oil Conservation Division
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QUESTIONS, Page 6

Action 601141

QUESTIONS (continued)

Operator: Paloma Permian AssetCo, LLC 1100 Louisiana, Ste. 5100 Houston, TX 77002	OGRID: 332449
	Action Number: 601141
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	553533
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/17/2026
What was the (estimated) number of samples that were to be gathered	1
What was the sampling surface area in square feet	200

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	2300
What was the total volume (cubic yards) remediated	86
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	2300
What was the total volume (in cubic yards) reclaimed	48
Summarize any additional remediation activities not included by answers (above)	Remediation activities included the excavation of impacted soils, which were transported to the Lea Landfill for disposal. A groundwater variance was obtained for the site, and a Karst survey was conducted and verified by a certified geologist to ensure environmental safety and regulatory compliance.
<i>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 (in .pdf format) 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.</i>	
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.	
I hereby agree and sign off to the above statement	Name: Jason Owsley Email: jasono@diamondbacknm.com Date: 07/01/2026

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 7

Action 601141

QUESTIONS (continued)

Operator: Paloma Permian AssetCo, LLC 1100 Louisiana, Ste. 5100 Houston, TX 77002	OGRID: 332449
	Action Number: 601141
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 601141

CONDITIONS

Operator: Paloma Permian AssetCo, LLC 1100 Louisiana, Ste. 5100 Houston, TX 77002	OGRID: 332449
	Action Number: 601141
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #nAPP2514349525 Bass 5 Tank Battery, thank you. This Remediation Closure Report is approved.	7/8/2026