

# **PERMIAN**

## **R E S O U R C E S**

**Solomon 27 CTB 1**

**Remediation Completion Report**

**nAPP2522243552**

**H-27-24S-34E**

**Federal Surface Ownership**

**32.19107,-103.45239 NAD83**



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

## Executive Summary

This report documents the remediation and reclamation activities completed at the Solomon 27 CTB 1 site in Lea County, New Mexico, under Release Number nAPP2522243552. The release occurred on August 9, 2025, due to a water dump valve malfunction that caused flaring and a flare burp, resulting in approximately 0.1 barrels of condensate discharged outside of lined containment. The incident also ignited a grass fire that burned roughly three acres before suppression by the Jal Fire Department.

Diamondback Disposal Services, Inc. (Diamondback), working on behalf of Permian Resources Operating, LLC (Permian), conducted cleanup and site restoration in accordance with 19.15.29 NMAC closure criteria and Bureau of Land Management (BLM) Surface Operating Standards and Guidelines (Gold Book). Remediation included minor excavation to a depth of six inches below ground surface, removal of approximately 12 cubic yards of impacted soil, and disposal at the Lea Land LLC facility. Two floor composite samples and one wall composite sample were collected on August 27, 2025, to verify compliance with Recommended Remediation Action Levels (RRALs). Laboratory analyses confirmed all samples were below regulatory thresholds for chlorides, BTEX, and Total Petroleum Hydrocarbons (TPH).

Following confirmation, the excavation was backfilled with clean onsite material, graded to restore natural contour, and reseeded with BLM Seed Mix #1 at a rate of 8.5 PLS lbs/acre. The three-acre burn area was drill-seeded on August 27, 2025, to promote vegetation reestablishment. Post-reclamation monitoring will be conducted semi-annually beginning in February 2026 until success criteria are achieved, defined as 70 percent vegetative cover relative to pre-disturbance baseline conditions per 19.15.29.13 NMAC.

Diamondback Disposal Services, Inc. has fulfilled all remediation and reclamation obligations for this release and respectfully requests closure approval from the New Mexico Oil Conservation Division (NMOCD) and the Bureau of Land Management (BLM).

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## Introduction

This report documents remediation and reclamation activities at the Solomon 27 CTB 1 site. Diamondback Disposal Services, Inc. (Diamondback) completed cleanup and site restoration on behalf of Permian Resources Operating, LLC (Permian) under Release Number nAPP2522243552. The release occurred on August 9, 2025, when a water dump valve malfunction caused flaring and a flare burp that discharged approximately 1 barrels of crude outside of lined containment. The incident also ignited a grass fire that burned roughly three acres before being extinguished by the Jal Fire Department. No product was recovered, and the full release volume required remediation.

The site is located at coordinates 32.19107, -103.45239 (NAD83), in Lea County, New Mexico, approximately 16.2 miles northwest of the City of Jal. The release area lies within federal surface jurisdiction near the Solomon Federal Com 105H well. The site is subject to regulatory oversight by the New Mexico Oil Conservation Division (NMOCD) and the Bureau of Land Management (BLM). The lease is designated for oil and gas operations under federal management, and the permitted use of the lease is restricted to oil and gas development. All remediation activities were conducted in accordance with the closure criteria of 19.15.29 NMAC and the BLM Surface Operating Standards and Guidelines for Oil and Gas Exploration and Development (Gold Book).

The site can be accessed from the intersection of County Road 2B and NM-128:

- Head south on County Road 2B for 1.7 miles to a lease road on the left.
- Turn left and travel east for 0.5 miles to the location entrance.
- The subject site is located immediately north of the location.

A map is located in appendix B

## Site Characterization

Reclamation and remediation activities were confined to a very small area immediately north of the battery location, while the burn area extended across a few acres adjacent to the right-of-way near a caliche road. Environmental and regulatory reviews were conducted to verify site conditions and applicable requirements.

## Water Resources and Remediation Considerations

(See Appendix A for floodplain and karst mapping; all other maps are provided in Appendix B – Topographical Information)

- No designated water wells are located within a one-mile radius of the site, and groundwater for this location is treated as being less than 50 feet below ground surface.
- The nearest registered freshwater source is irrigation well C-03942 POD1, located 1.1 miles southeast of the site.
- The nearest residence is located 11.4 miles south of the release area.
- The nearest wetland is a riverine feature mapped 1.05 miles southwest of the site. This feature is also the nearest significant watercourse as identified by a blue line on a 7.5 minute quadrangle USGS topographical map.
- The most recent BLM karst mapping layer was consulted, and the site lies within an area of low karst potential.
- FEMA flood mapping designates the site within Zone X. The nearest mapped 100-year floodplain (Zone A) occurs approximately 16 miles east of the release extent.
- The NRCS soil survey identifies the site soils as Potter-Simona and Simona-Bippus complexes. These soils are mapped within shallow ecological sites and are characterized by loamy surface horizons. The disturbed area was reseeded with BLM Seed Mix #1, applied according to the specified rates in the accompanying seed table.

| Loamy Sites Seed Mixture                            |                 |
|---|-----------------|
| COMMON NAME   | RATE (PLS/Acre) |
| Plains lovegrass ( <i>Eragrostis intermedia</i> )   | 0.5             |
| Sand dropseed ( <i>Sporobolus cryptandrus</i> )     | 1               |
| Sideoats grama ( <i>Bouteloua curtipendula</i> )    | 5               |
| Plains bristlegrass ( <i>Setaria macrostachya</i> ) | 2               |
| Total PLS/acre                                      | 8.5             |

### Remediation Standards

All identified contamination was remediated using the most stringent closure criteria listed in Table 1 of 19.15.29.12 NMAC. Remediation activities consisted of excavation to a depth of approximately six inches below ground surface, and final laboratory results confirmed that all post-excavation samples met the required standards.

**Table 1: NMAC 19.15.29.12 Closure Criteria**

| Groundwater Depth | Chloride (mg/kg) | TPH (GRO+DRO+MRO) (mg/kg) | GRO+DRO (mg/kg) | BTEX (mg/kg) | Benzene (mg/kg) |
|-------------------|------------------|---------------------------|-----------------|--------------|-----------------|
| <50 feet          | 600              | 100                       | N/A             | 50           | 10              |

### Remediation/Reclamation Activities

The New Mexico Oil Conservation Division (NMOCD) was notified on August 25, 2025, of the intent to conduct confirmation sampling for Incident ID nAPP2522243552.

Given that no contamination was detected in any preliminary sampling and that excavation activities were limited to removal of superficial surface staining, the responsible party respectfully requests approval for a sampling density based on 400 square feet per composite sample rather than the default 200 square feet. Per 19.15.29.12 NMAC, sampling requirements are intended to demonstrate that contamination has been removed or did not exist. Because all available analytical data show non-detect concentrations for BTEX, chloride, and TPH, and because the release did not penetrate beyond shallow stained material, increasing the composite coverage area does not diminish data quality nor pose any risk to groundwater, human health, or the environment. This variance request is submitted prior to discussing sampling activities for transparency and to demonstrate that the proposed sampling density is protective and supported by laboratory evidence.

The confirmation sampling event was scheduled for August 27, 2025, at 08:00 hours, and sampling was carried out on that date to assess compliance with the Recommended Remediation Action Levels (RRALs). Following minor excavation of the affected soils, confirmation samples were collected at an approximate depth of six inches below ground surface. Two floor composite samples were collected within the excavation footprint, and one wall composite sample was collected representing the exposed sidewall. The total disturbed surface area, including the scraped and visibly affected areas, encompassed approximately 660 square feet based on scaled site measurements.

In addition to the August sampling event, a second surface sampling event took place on October 21, 2025, pursuant to the approved C-141N notification. Six surface samples (DA1 through DA6) were collected across the broader disturbed area surrounding the excavation to ensure that no impacts had migrated beyond the initially affected soils. This surface sampling event represented approximately 1,300 square feet of disturbed area, consistent with field measurements and the limits of visibly affected soils. All six samples were analyzed by an accredited third-party laboratory and were non-detect for BTEX, chloride, GRO, DRO, extended DRO, and Total Petroleum Hydrocarbons (TPH), confirming that no residual contamination was present outside the excavation limits.

All samples were immediately packaged and submitted for analysis, and chain of custody was maintained throughout collection, handling, and delivery. Analytical results from both events (Appendix C) confirmed that all confirmation samples collected on August 27, 2025, and all surface samples collected on October 21, 2025, were below the RRALs listed in Table 1 of 19.15.29.12 NMAC. No exceedances of chloride, BTEX, or TPH were identified in any sample.

Approximately 12 cubic yards of impacted material were removed during minor excavation on August 26, 2025, and transported by Diamondback Disposal Services, Inc. to the Lea Land LLC facility for disposal. Final laboratory results verified that remediation objectives were achieved under the most stringent closure criteria, and that excavation was limited to the removal of superficial surface staining.

Once confirmation results were received, the excavation was backfilled and graded using available onsite material that was verified clean and supported by laboratory data provided in Appendix C. On August 27, 2025, the entire three-acre burn area was drill seeded with BLM Seed Mix Number 1 at the specified drill box rates for a total application rate of 8.5 PLS pounds per acre.

#### Post-Reclamation Monitoring

The site will be monitored on a semi-annual basis beginning in February 2026 and continuing until reclamation is deemed complete. Each inspection will evaluate vegetation growth, overall ground coverage, the presence or absence of noxious weeds, signs of erosion, and any evidence of unauthorized vehicular traffic.

If erosion is observed, control measures such as berms, wattles, or reseeding will be implemented to maintain site stability. Should disturbances from unauthorized traffic be identified, corrective measures will be taken to restore the affected areas and prevent further impacts. If, after two years, the site does not demonstrate substantial recovery, interseeding or other necessary amendments will be applied in accordance with Bureau of Land Management (BLM) standards to promote vegetation establishment and compliance with reclamation objectives.

Per 19.15.29.13 NMAC, reclamation success will be determined by achieving at least 70 percent vegetative cover relative to the pre-disturbance baseline, excluding noxious and invasive species. The life-form ratio of grasses, forbs, and shrubs must fall within  $\pm 50$  percent of the surrounding undisturbed reference area.

Because the Solomon 27 CTB 1 site lies within federal surface jurisdiction, the Bureau of Land Management (BLM) and the New Mexico Oil Conservation Division (NMOCD) will be notified when reclamation success criteria have been achieved.

### Conclusion

Remediation activities at the Solomon 27 CTB 1, located in Lea County at coordinates 32.19107, -103.45239 (NAD83), approximately 16.2 miles northwest of the City of Jal, New Mexico, have been conducted in accordance with applicable regulatory requirements. The project addressed a release associated with a dump valve malfunction that caused flaring and the discharge of approximately 0.1 barrels of condensate outside of lined containment. The incident also ignited a grass fire that affected roughly three acres. Diamondback Disposal Services, Inc. excavated approximately 12 cubic yards of impacted material, which was transported and disposed of at the Lea Land LLC facility.

Diamondback Disposal Services, Inc. conducted minor excavation and confirmation sampling to ensure compliance with closure criteria under 19.15.29.12 NMAC. Two floor composites and one wall composite were collected on August 27, 2025, each representing no more than 200 square feet. Chain of custody was maintained throughout all sampling activities, and final laboratory results confirmed that all analytes were below the Recommended Remediation Action Levels (Appendix C).

Backfill and site restoration were completed using verified clean onsite material, supported by laboratory data included in Appendix C. The excavation was graded to restore contour and ensure proper drainage. On August 27, 2025, the entire three-acre burn area was drill-seeded with BLM Seed Mix #1 at the specified drill box rates for a total application rate of 8.5 PLS lbs/acre to promote reestablishment of native vegetation.

Diamondback Disposal Services, Inc. has completed all remediation and reclamation activities associated with Release Number nAPP2522243552 and respectfully requests closure approval from the New Mexico Oil Conservation Division (NMOCD) and the Bureau of Land Management (BLM). If any additional information or clarification is needed, please contact our office at your convenience.

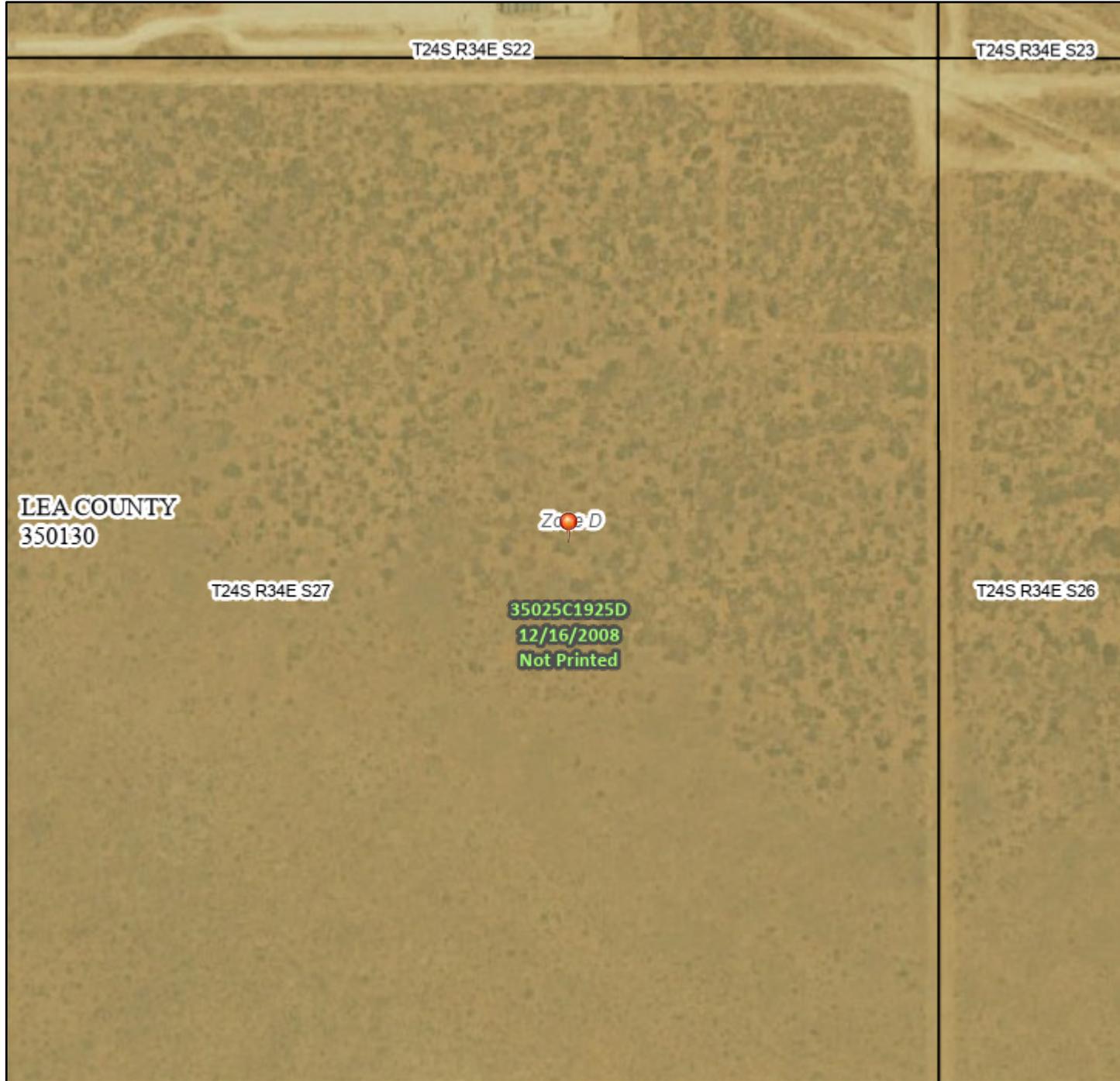
# **Appendix A**

## **Site Characterization**

# National Flood Hazard Layer FIRMette



103°27'28"W 32°11'46"N



## Legend

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

- |                                    |   |  |
|------------------------------------|---|--|
| <b>SPECIAL FLOOD HAZARD AREAS</b>  |    | Without Base Flood Elevation (BFE)<br><i>Zone A, V, A99</i>  |
|                                    |    | With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i><br>Regulatory Floodway  |
| <b>OTHER AREAS OF FLOOD HAZARD</b> |    | 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 <i>Zone X</i> |
|                                    |    | Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i>  |
|                                    |    | Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i>  |
|                                    |    | Area with Flood Risk due to Levee <i>Zone D</i>  |
| <b>OTHER AREAS</b>                 |    | NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i>   |
|                                    |    | Effective LOMRs  |
| <b>GENERAL STRUCTURES</b>          |    | Channel, Culvert, or Storm Sewer   |
|                                    |    | Levee, Dike, or Floodwall  |
| <b>OTHER FEATURES</b>              |    | 20.2 Cross Sections with 1% Annual Chance  |
|                                    |    | 17.5 Water Surface Elevation   |
|                                    |   | Coastal Transect   |
|                                    |  | Base Flood Elevation Line (BFE)  |
|                                    |  | Limit of Study   |
|                                    |  | Jurisdiction Boundary  |
| <b>MAP PANELS</b>                  |  | 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.



1:6,000

103°26'51"W 32°11'16"N

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 9/11/2025 at 7:21 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.

↓ Release Point

BLM Karst Potential

-  Critical
-  High - Survey Required
-  Not Karst
-  Medium

5 Mile Radius



Jal New Mexico

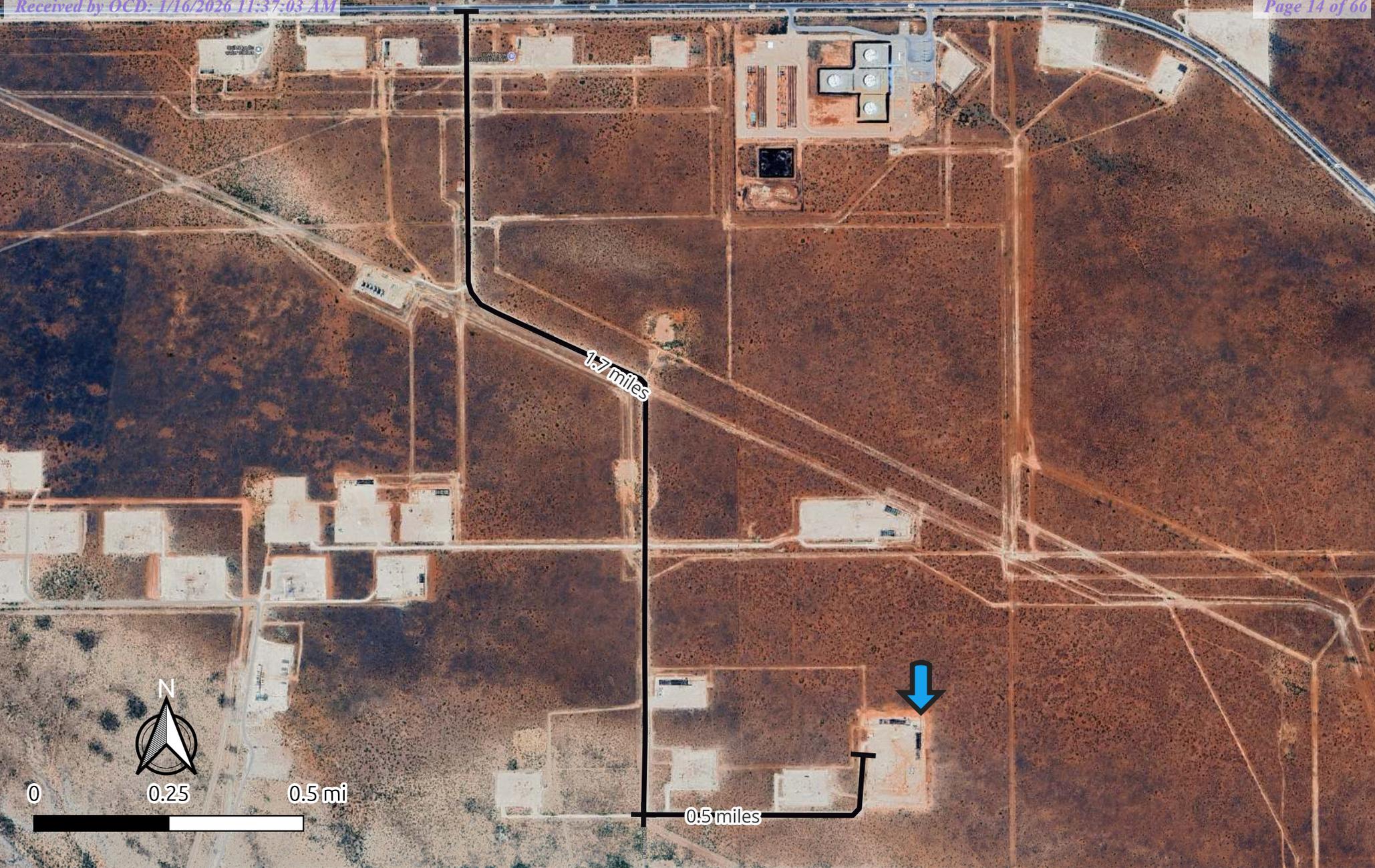


Permian Resources  
 Solomon 27 CTB 1  
 Incident #nAPP2522243552  
 32.19107,-103.45239 NAD83  
 BLM



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

**Appendix B**  
**Depth to Groundwater**  
**Topographical Information**

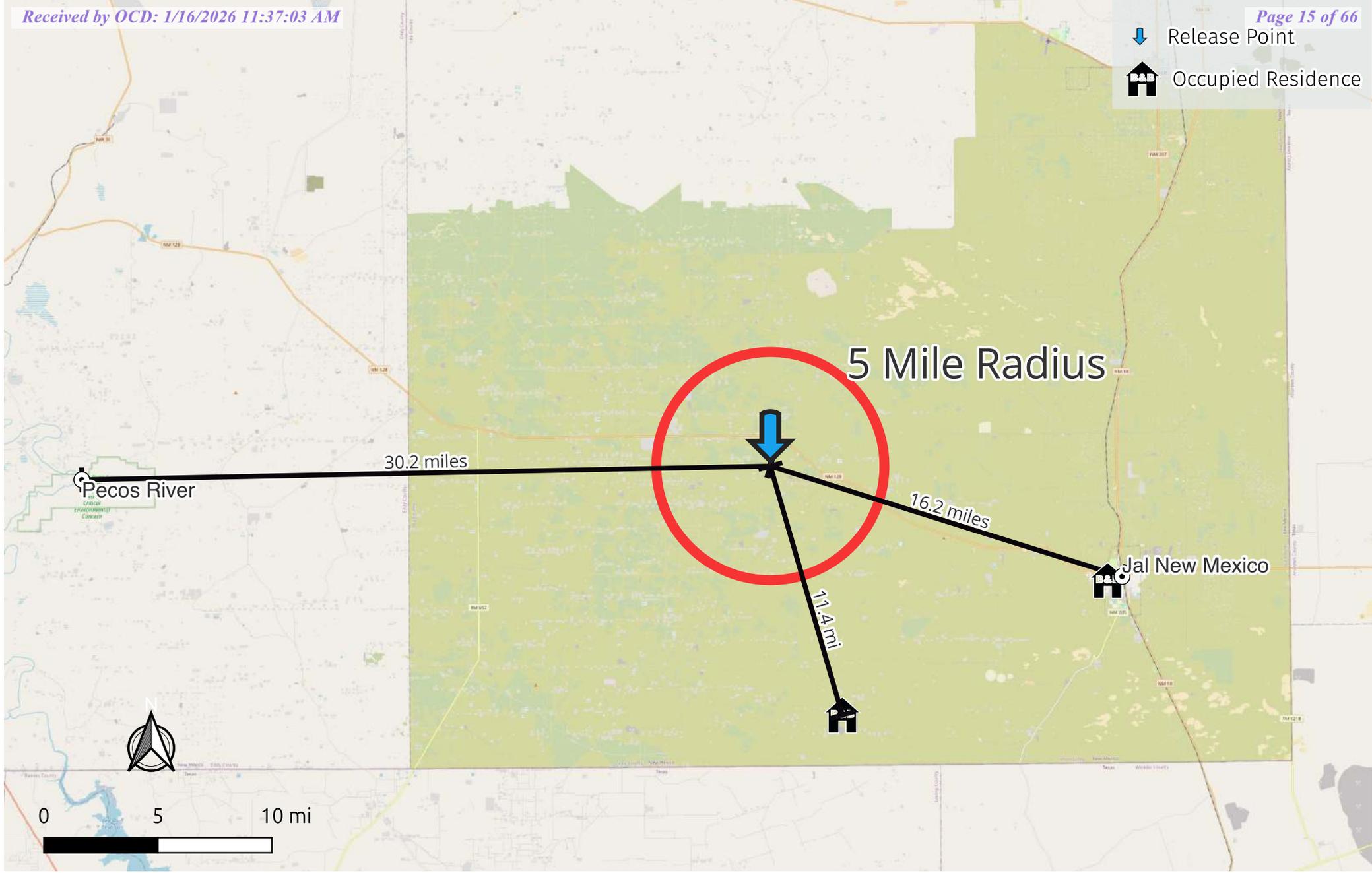


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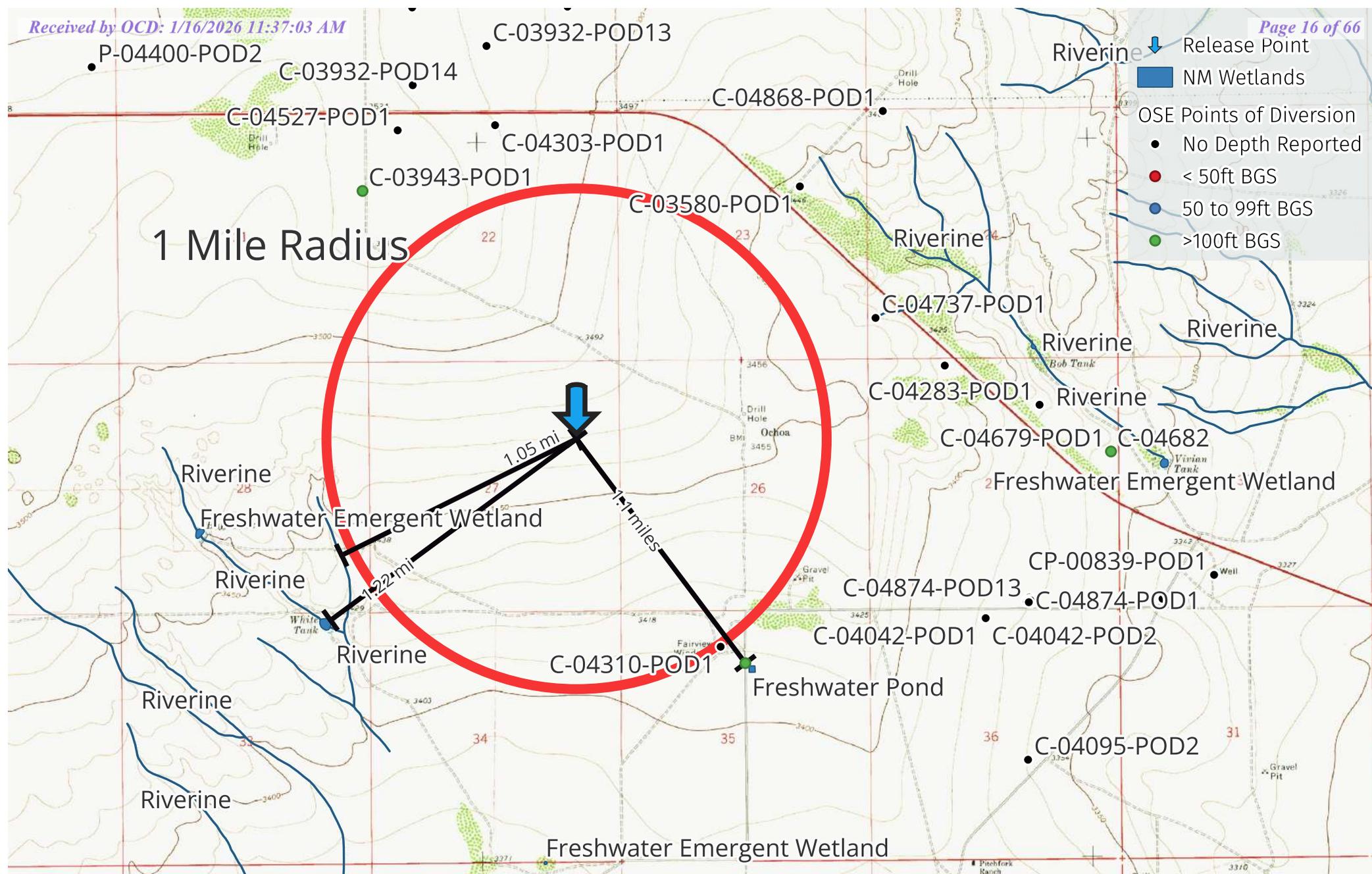
-  Release Point
-  Occupied Residence



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# **Appendix C**

## **Site Delineation Mapping and Summary Report**

Wall Summary

| SAMPLE ID | LAB ID NUMBER | SAMPLE DEPTH | 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        | H255358-01    | 0-1'         | 8/27/25     | <0.050  | <0.050          | <0.050                 | <0.150                | <0.300             | <10.0              | <10.0               | <10.0                   | <10.0                    | <16.0    |

Solomon 27 CTB 1 – nAPP2522243552

Floor Summary

| SAMPLE ID | LAB ID NUMBER | SAMPLE DEPTH | 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        | H255357-01    | 1'           | 8/27/25     | <0.050  | <0.050          | <0.050                 | <0.150                | <0.300             | <10.0              | <10.0               | <10.0                   | <10.0                    | <16.0    |
| B2        | H255357-02    | 1'           | 8/27/25     | <0.050  | <0.050          | <0.050                 | <0.150                | <0.300             | <10.0              | <10.0               | <10.0                   | <10.0                    | <16.0    |
| DA1       | H256637-01    | Surface      | 10/21/25    | <0.050  | <0.050          | <0.050                 | <0.150                | <0.300             | <10.0              | <10.0               | <10.0                   | <10.0                    | <16.0    |
| DA2       | H256637-02    | Surface      | 10/21/25    | <0.050  | <0.050          | <0.050                 | <0.150                | <0.300             | <10.0              | <10.0               | <10.0                   | <10.0                    | <16.0    |
| DA3       | H256637-03    | Surface      | 10/21/25    | <0.050  | <0.050          | <0.050                 | <0.150                | <0.300             | <10.0              | <10.0               | <10.0                   | <10.0                    | <16.0    |
| DA4       | H256637-04    | Surface      | 10/21/25    | <0.050  | <0.050          | <0.050                 | <0.150                | <0.300             | <10.0              | <10.0               | <10.0                   | <10.0                    | <16.0    |
| DA5       | H256637-05    | Surface      | 10/21/25    | <0.050  | <0.050          | <0.050                 | <0.150                | <0.300             | <10.0              | <10.0               | <10.0                   | <10.0                    | <16.0    |
| DA6       | H256637-06    | Surface      | 10/21/25    | <0.050  | <0.050          | <0.050                 | <0.150                | <0.300             | <10.0              | <10.0               | <10.0                   | <10.0                    | <16.0    |

Solomon 27 CTB 1 – nAPP2522243552

Horizontal Summary

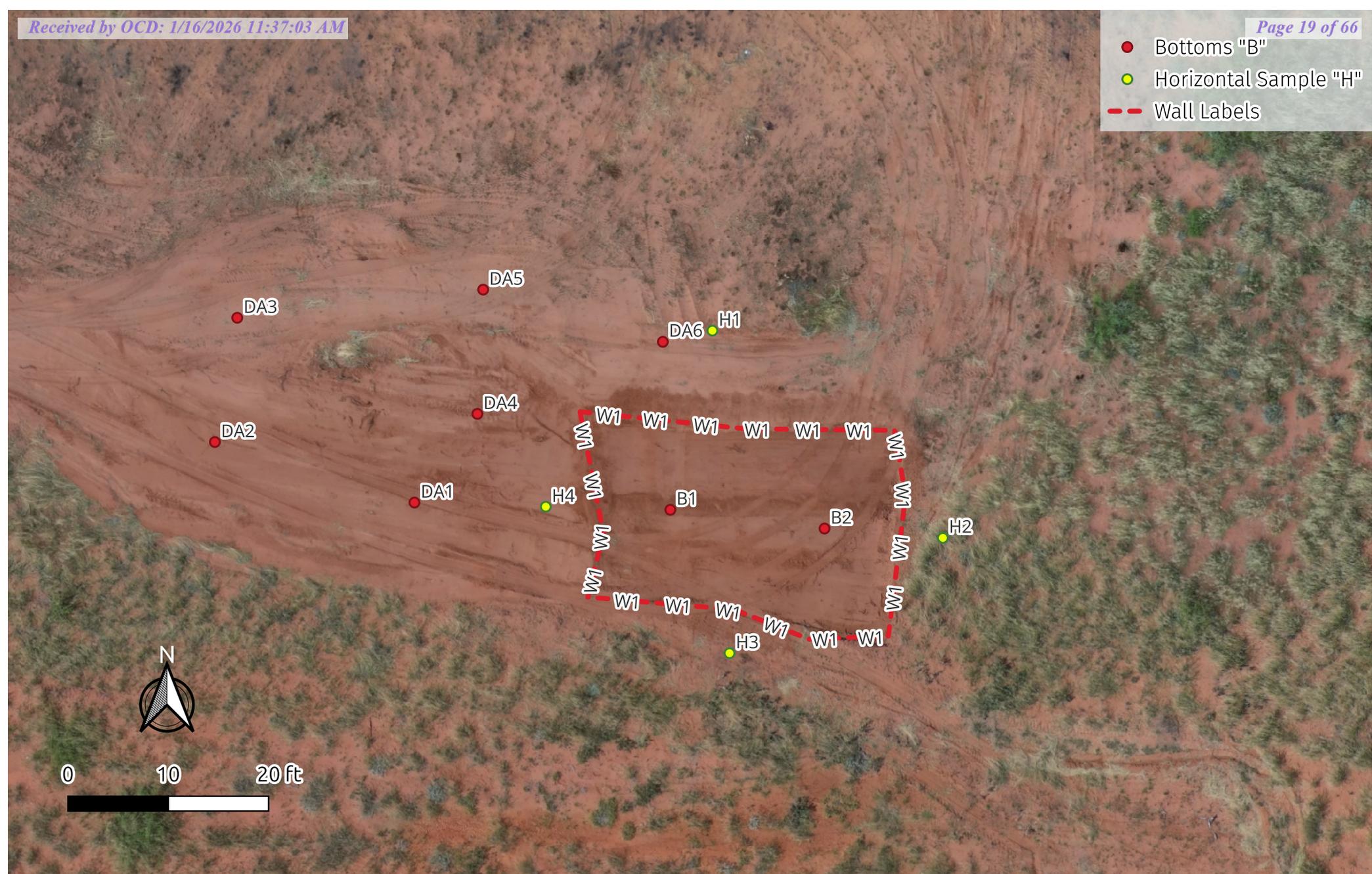
| SAMPLE ID | LAB ID NUMBER | SAMPLE DEPTH | SAMPLE DATE | BENZENE | TOLUENE (mg/kg) | ETHYL-BENZENE ( mg/kg) | TOTAL XYLENES (mg/kg) | TOTAL BTEX (mg/kg) | GRO C6-C10 (mg/kg) | DRO C10-C28 (mg/kg) | EXT DRO C28-C36 (mg/kg) | TOTAL TPH C6-C36 (mg/kg) | CHLORIDE |
|-----------|---------------|--------------|-------------|---------|-----------------|------------------------|-----------------------|--------------------|--------------------|---------------------|-------------------------|--------------------------|----------|
| H1        | H255356-01    | Surface      | 8/27/25     | <0.050  | <0.050          | <0.050                 | <0.150                | <0.300             | <10.0              | <10.0               | <10.0                   | <10.0                    | <16.0    |
| H2        | H255356-02    | Surface      | 8/27/25     | <0.050  | <0.050          | <0.050                 | <0.150                | <0.300             | <10.0              | <10.0               | <10.0                   | <10.0                    | <16.0    |
| H3        | H255356-03    | Surface      | 8/27/25     | <0.050  | <0.050          | <0.050                 | <0.150                | <0.300             | <10.0              | <10.0               | <10.0                   | <10.0                    | <16.0    |
| H4        | H255356-04    | Surface      | 8/27/25     | <0.050  | <0.050          | <0.050                 | <0.150                | <0.300             | <10.0              | <10.0               | <10.0                   | <10.0                    | <16.0    |

Solomon 27 CTB 1 – nAPP2522243552

BackFill Summary

| SAMPLE ID | LAB ID NUMBER | SAMPLE DEPTH | 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 |
|-----------|---------------|--------------|-------------|---------|-----------------|------------------------|-----------------------|--------------------|--------------------|---------------------|-------------------------|--------------------------|----------|
| BACKFILL  | H255725-01    | Surface      | 9/11/25     | <0.050  | <0.050          | <0.050                 | <0.150                | <0.300             | <10.0              | <10.0               | <10.0                   | <10.0                    | <16.0    |

- Bottoms "B"
- Horizontal Sample "H"
- - - Wall Labels



Permian Resources  
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# **Appendix D Site Photography And Field Notes**

### Solomon 27 CTB 1 Seeding and Reclamation Completion



### Solomon 27 CTB 1 Excavation and Burn Zone



# **Appendix E**

## **Communications**

# OCD Permitting

Home Operator Data Action Status Action Search Results Action Status Item Details

## [NOTIFY] Notification Of Sampling (C-141N) Application

### Submission Information

|                 |   |            |       |
|-----------------|---|------------|-------|
| Submission ID:  | 516394  | Districts: | Hobbs |
| Operator:       | <a href="#">[372165]</a> Permian Resources Operating, LLC                           | Counties:  | Lea   |
| Description:    | Permian Resources Operating, LLC [372165]<br>, SOLOMON 27 CTB 1<br>, nAPP2522243552 |            |       |
| Status:         | Approved  |            |       |
| Status Date:    | 10/16/2025  |            |       |
| References (0): |   |            |       |

### Forms

This application type does not have attachments.

### Questions

#### Prerequisites

|                   |  |
|-------------------|--|
| Incident ID (n#)  | nAPP2522243552                                   |
| Incident Name     | NAPP2522243552 SOLOMON 27 CTB 1 @ FAPP2220954067 |
| Incident Type     | Oil Release                                      |
| Incident Status   | Initial C-141 Approved                           |
| Incident Facility | [fAPP2220954067] Solomon 27 CTB 1                |

#### Location of Release Source

|                         |                  |
|-------------------------|------------------|
| Site Name               | SOLOMON 27 CTB 1 |
| Date Release Discovered | 08/09/2025       |
| Surface Owner           | Federal          |

#### Sampling Event General Information

Please answer all the questions in this group.

|   |            |
|---|------------|
| What is the sampling surface area in square feet  | 1,000      |
| What is the estimated number of samples that will be gathered                                   | 5          |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 10/21/2025 |
| Time sampling will commence   | 08:00 AM   |

**Warning: Notification can not be less than two business days prior to conducting final sampling.**

|  |                           |
|--|---------------------------|
| Please provide any information necessary for observers to contact samplers | Jason Owsley 575.602.5998 |
| Please provide any information necessary for navigation to sampling site   | 32.19107,-103.45239       |

Searches

Operator Data

Hearing Fee Application

### Comments

No comments found for this submission.

### Conditions

#### Summary:

*mtaylorpr (10/16/2025)*, 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.

*mtaylorpr (10/16/2025)*, 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.

### Reasons

No reasons found for this submission.

[Go Back](#)

# **-EXTERNAL- The Oil Conservation Division (OCD) has accepted the application, Application ID: 498819**

**From:** OCDOnline@state.nm.us <OCDOnline@state.nm.us>

**To:** Matthew Taylor <Matthew.Taylor@permianres.com>

**Date:** Mon, 25 Aug 2025 15:50:15 +0000 (08/25/2025 09:50:15 AM)

**WARNING:** The sender of this email could not be validated and may not match the person in the "From" field.

To whom it may concern (c/o Matthew Taylor for Permian Resources Operating, LLC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2522243552.

The sampling event is expected to take place:

**When:** 08/27/2025 @ 08:00

**Where:** H-27-24S-34E 0 FNL 0 FEL (32.19107,-103.45239)

**Additional Information:** Jason Owsley  
575.602.5998

**Additional Instructions:** 32.19107,-103.45239

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

**CAUTION:** This email originated from outside of the organization. If it appears to be internal, check directly with assumed source

# **Appendix F Lab Results Originals**



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

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October 27, 2025

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: SOLOMON 27 CTB

Enclosed are the results of analyses for samples received by the laboratory on 10/21/25 16:33.

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](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

|                   |                              |                     |                |
|-------------------|------------------------------|---------------------|----------------|
| Received:         | 10/21/2025                   | Sampling Date:      | 10/21/2025     |
| Reported:         | 10/27/2025                   | Sampling Type:      | Soil           |
| Project Name:     | SOLOMON 27 CTB               | Sampling Condition: | Cool & Intact  |
| Project Number:   | PRS - 129                    | Sample Received By: | Tamara Oldaker |
| Project Location: | PERMIAN 32.61634-104.0002436 |                     |                |

**Sample ID: DA 1 @ SURFACE (H256637-01)**

| 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           | 10/22/2025 | ND              | 2.16 | 108        | 2.00          | 3.15  |           |
| Toluene*       | <0.050 | 0.050           | 10/22/2025 | ND              | 2.17 | 108        | 2.00          | 0.305 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 10/22/2025 | ND              | 2.26 | 113        | 2.00          | 0.726 |           |
| Total Xylenes* | <0.150 | 0.150           | 10/22/2025 | ND              | 6.94 | 116        | 6.00          | 0.394 |           |
| Total BTEX     | <0.300 | 0.300           | 10/22/2025 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 107 % 70.4-141

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: HM |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | <16.0  | 16.0            | 10/22/2025 | ND              | 448 | 112        | 400           | 3.64 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 10/22/2025 | ND              | 198 | 98.8       | 200           | 5.83 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 10/22/2025 | ND              | 195 | 97.6       | 200           | 8.07 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 10/22/2025 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 85.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 79.3 % 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:         | 10/21/2025                   | Sampling Date:      | 10/21/2025     |
| Reported:         | 10/27/2025                   | Sampling Type:      | Soil           |
| Project Name:     | SOLOMON 27 CTB               | Sampling Condition: | Cool & Intact  |
| Project Number:   | PRS - 129                    | Sample Received By: | Tamara Oldaker |
| Project Location: | PERMIAN 32.61634-104.0002436 |                     |                |

**Sample ID: DA 2 @ SURFACE (H256637-02)**

| 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           | 10/22/2025 | ND              | 2.16 | 108        | 2.00          | 3.15  |           |
| Toluene*       | <0.050 | 0.050           | 10/22/2025 | ND              | 2.17 | 108        | 2.00          | 0.305 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 10/22/2025 | ND              | 2.26 | 113        | 2.00          | 0.726 |           |
| Total Xylenes* | <0.150 | 0.150           | 10/22/2025 | ND              | 6.94 | 116        | 6.00          | 0.394 |           |
| Total BTEX     | <0.300 | 0.300           | 10/22/2025 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 109 % 70.4-141

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: HM |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | <16.0  | 16.0            | 10/22/2025 | ND              | 448 | 112        | 400           | 3.64 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 10/22/2025 | ND              | 198 | 98.8       | 200           | 5.83 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 10/22/2025 | ND              | 195 | 97.6       | 200           | 8.07 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 10/22/2025 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 88.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 82.2 % 39.9-141

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

|                   |                              |                     |                |
|-------------------|------------------------------|---------------------|----------------|
| Received:         | 10/21/2025                   | Sampling Date:      | 10/21/2025     |
| Reported:         | 10/27/2025                   | Sampling Type:      | Soil           |
| Project Name:     | SOLOMON 27 CTB               | Sampling Condition: | Cool & Intact  |
| Project Number:   | PRS - 129                    | Sample Received By: | Tamara Oldaker |
| Project Location: | PERMIAN 32.61634-104.0002436 |                     |                |

**Sample ID: DA 3 @ SURFACE (H256637-03)**

| 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           | 10/22/2025 | ND              | 2.16 | 108        | 2.00          | 3.15  |           |  |
| Toluene*       | <0.050 | 0.050           | 10/22/2025 | ND              | 2.17 | 108        | 2.00          | 0.305 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 10/22/2025 | ND              | 2.26 | 113        | 2.00          | 0.726 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 10/22/2025 | ND              | 6.94 | 116        | 6.00          | 0.394 |           |  |
| Total BTEX     | <0.300 | 0.300           | 10/22/2025 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 110 % 70.4-141

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: HM |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 10/22/2025 | ND              | 448 | 112        | 400           | 3.64 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |  |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 10/22/2025 | ND              | 198 | 98.8       | 200           | 5.83 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 10/22/2025 | ND              | 195 | 97.6       | 200           | 8.07 |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 10/22/2025 | ND              |     |            |               |      |           |  |

Surrogate: 1-Chlorooctane 90.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 84.7 % 39.9-141

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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:         | 10/21/2025                   | Sampling Date:      | 10/21/2025     |
| Reported:         | 10/27/2025                   | Sampling Type:      | Soil           |
| Project Name:     | SOLOMON 27 CTB               | Sampling Condition: | Cool & Intact  |
| Project Number:   | PRS - 129                    | Sample Received By: | Tamara Oldaker |
| Project Location: | PERMIAN 32.61634-104.0002436 |                     |                |

**Sample ID: DA 4 @ SURFACE (H256637-04)**

| 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           | 10/22/2025 | ND              | 2.16 | 108        | 2.00          | 3.15  |           |  |
| Toluene*       | <0.050 | 0.050           | 10/22/2025 | ND              | 2.17 | 108        | 2.00          | 0.305 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 10/22/2025 | ND              | 2.26 | 113        | 2.00          | 0.726 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 10/22/2025 | ND              | 6.94 | 116        | 6.00          | 0.394 |           |  |
| Total BTEX     | <0.300 | 0.300           | 10/22/2025 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 109 % 70.4-141

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: HM |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 10/22/2025 | ND              | 448 | 112        | 400           | 3.64 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |  |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 10/22/2025 | ND              | 198 | 98.8       | 200           | 5.83 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 10/22/2025 | ND              | 195 | 97.6       | 200           | 8.07 |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 10/22/2025 | ND              |     |            |               |      |           |  |

Surrogate: 1-Chlorooctane 88.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 83.9 % 39.9-141

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

|                   |                              |                     |                |
|-------------------|------------------------------|---------------------|----------------|
| Received:         | 10/21/2025                   | Sampling Date:      | 10/21/2025     |
| Reported:         | 10/27/2025                   | Sampling Type:      | Soil           |
| Project Name:     | SOLOMON 27 CTB               | Sampling Condition: | Cool & Intact  |
| Project Number:   | PRS - 129                    | Sample Received By: | Tamara Oldaker |
| Project Location: | PERMIAN 32.61634-104.0002436 |                     |                |

**Sample ID: DA 5 @ SURFACE (H256637-05)**

| 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           | 10/22/2025 | ND              | 2.16 | 108        | 2.00          | 3.15  |           |  |
| Toluene*       | <0.050 | 0.050           | 10/22/2025 | ND              | 2.17 | 108        | 2.00          | 0.305 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 10/22/2025 | ND              | 2.26 | 113        | 2.00          | 0.726 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 10/22/2025 | ND              | 6.94 | 116        | 6.00          | 0.394 |           |  |
| Total BTEX     | <0.300 | 0.300           | 10/22/2025 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 70.4-141

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: HM |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 10/22/2025 | ND              | 448 | 112        | 400           | 3.64 |           |  |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |  |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| GRO C6-C10*      | <10.0  | 10.0            | 10/22/2025 | ND              | 198 | 98.8       | 200           | 5.83 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 10/22/2025 | ND              | 195 | 97.6       | 200           | 8.07 |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 10/22/2025 | ND              |     |            |               |      |           |  |

Surrogate: 1-Chlorooctane 90.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 85.3 % 39.9-141

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

|                   |                              |                     |                |
|-------------------|------------------------------|---------------------|----------------|
| Received:         | 10/21/2025                   | Sampling Date:      | 10/21/2025     |
| Reported:         | 10/27/2025                   | Sampling Type:      | Soil           |
| Project Name:     | SOLOMON 27 CTB               | Sampling Condition: | Cool & Intact  |
| Project Number:   | PRS - 129                    | Sample Received By: | Tamara Oldaker |
| Project Location: | PERMIAN 32.61634-104.0002436 |                     |                |

**Sample ID: DA 6 @ SURFACE (H256637-06)**

| 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           | 10/22/2025 | ND              | 2.16 | 108        | 2.00          | 3.15  |           |
| Toluene*       | <0.050 | 0.050           | 10/22/2025 | ND              | 2.17 | 108        | 2.00          | 0.305 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 10/22/2025 | ND              | 2.26 | 113        | 2.00          | 0.726 |           |
| Total Xylenes* | <0.150 | 0.150           | 10/22/2025 | ND              | 6.94 | 116        | 6.00          | 0.394 |           |
| Total BTEX     | <0.300 | 0.300           | 10/22/2025 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 111 % 70.4-141

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: HM |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | <16.0  | 16.0            | 10/22/2025 | ND              | 448 | 112        | 400           | 3.64 |           |

| TPH 8015M        |        | mg/kg           |            | Analyzed By: MS |     |            |               |      |           |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte          | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*      | <10.0  | 10.0            | 10/22/2025 | ND              | 198 | 98.8       | 200           | 5.83 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 10/22/2025 | ND              | 195 | 97.6       | 200           | 8.07 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 10/22/2025 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 82.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 77.3 % 39.9-141

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**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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Celey D. Keene, Lab Director/Quality Manager



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

**BILL TO**

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

**ANALYSIS REQUEST**

**Company Name:** Diamondback Disposal Services  
**Project Manager:** Justin Roberts  
**Address:** 2525 NW County Rd  
**City:** Hobbs  
**Phone #:** [575]392-9996  
**Project #:** PRS-129  
**Project Name:** Solomon 27 CTB  
**Project Location:** 32 61634, -104, 0002436  
**Sampler Name:** JULIO RIVERA  
**FOR LAB USE ONLY**

**P.O. #:**  
**Company:** Permian Resources  
**Attn:** Montgomery Floyd  
**Address:**  
**City:**  
**State:**  
**Zip:**

**Matrix:** (G)RAB OR (C)OMP. # CONTAINERS  
 GROUNDWATER  
 WASTEWATER  
 SOIL  
 OIL  
 SLUDGE  
 OTHER:

**ACID/BASE:** ICE / COOL  
 OTHER:

**PRESERV. / SAMPLING**

| Lab I.D.       | MATRIX | DATE     | TIME    | CL | BTEX | EXT TPH | FULL TC:IP | NORM |
|----------------|--------|----------|---------|----|------|---------|------------|------|
| DA 1 @ SURFACE | X      | 10-21-25 | 9:40 AM | X  | X    | X       |            |      |
| DA 2 @ SURFACE | X      | 10-21-25 | 9:42 AM | X  | X    | X       |            |      |
| DA 3 @ SURFACE | X      | 10-21-25 | 9:44 AM | X  | X    | X       |            |      |
| DA 4 @ SURFACE | X      | 10-21-25 | 9:46 AM | X  | X    | X       |            |      |
| DA 5 @ SURFACE | X      | 10-21-25 | 9:48 AM | X  | X    | X       |            |      |
| DA 6 @ SURFACE | X      | 10-21-25 | 9:50 AM | X  | X    | X       |            |      |

**Received By:** [Signature]  
**Received By:** [Signature]  
**Relinquished By:** [Signature]  
**Relinquished By:** [Signature]

**Observed Temp. °C:** 30.0  
**Corrected Temp. °C:** 30.3  
**Sample Condition:** Intact Yes, Cool No

**Turnaround Time:** [Blank]  
**Thermometer ID #140**  
**Correction Factor +0.3°C**

**Verbal Result:**  Yes  No  
**Environmental@diamondbacknm.com**  
**REMARKS:** CS ← 402401K  
 † Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

**Standard**  **Rush**   
**Bacteria (only) Sample Condition:** Cool Intact Yes No, Corrected Temp. °C

FORM-006 R.3.6 02/12/25



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: SOLOMON 27 CTB

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](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

|                   |                              |                     |                  |
|-------------------|------------------------------|---------------------|------------------|
| Received:         | 09/11/2025                   | Sampling Date:      | 09/11/2025       |
| Reported:         | 09/17/2025                   | Sampling Type:      | Soil             |
| Project Name:     | SOLOMON 27 CTB               | Sampling Condition: | Cool & Intact    |
| Project Number:   | PRS - 129                    | Sample Received By: | Shalyn Rodriguez |
| Project Location: | PERMIAN 32.61634-104.0002436 |                     |                  |

**Sample ID: BACKFILL @ SURFACE (H255725-01)**

| 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             | <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 101 % 44.4-145

Surrogate: 1-Chlorooctadecane 99.2 % 40.6-153

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\*=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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*Celey D. Keene*

Celey D. Keene, Lab Director/Quality Manager





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

---

September 04, 2025

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: SOLOMON 27 CTB

Enclosed are the results of analyses for samples received by the laboratory on 08/28/25 8:13.

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](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

|                   |                              |                     |                |
|-------------------|------------------------------|---------------------|----------------|
| Received:         | 08/28/2025                   | Sampling Date:      | 08/27/2025     |
| Reported:         | 09/04/2025                   | Sampling Type:      | Soil           |
| Project Name:     | SOLOMON 27 CTB               | Sampling Condition: | Cool & Intact  |
| Project Number:   | PRS - 129                    | Sample Received By: | Tamara Oldaker |
| Project Location: | PERMIAN 32.61634-104.0002436 |                     |                |

**Sample ID: H 1 @ SURFACE (H255356-01)**

| 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           | 08/28/2025 | ND              | 1.84 | 91.8       | 2.00          | 1.75  |           |
| Toluene*       | <0.050 | 0.050           | 08/28/2025 | ND              | 1.97 | 98.4       | 2.00          | 0.252 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/28/2025 | ND              | 2.05 | 103        | 2.00          | 2.52  |           |
| Total Xylenes* | <0.150 | 0.150           | 08/28/2025 | ND              | 6.16 | 103        | 6.00          | 3.43  |           |
| Total BTEX     | <0.300 | 0.300           | 08/28/2025 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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            | 08/29/2025 | 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            | 08/28/2025 | ND              | 206 | 103        | 200           | 0.854 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/28/2025 | ND              | 188 | 94.0       | 200           | 1.25  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/28/2025 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 66.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 51.4 % 40.6-153

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:         | 08/28/2025                   | Sampling Date:      | 08/27/2025     |
| Reported:         | 09/04/2025                   | Sampling Type:      | Soil           |
| Project Name:     | SOLOMON 27 CTB               | Sampling Condition: | Cool & Intact  |
| Project Number:   | PRS - 129                    | Sample Received By: | Tamara Oldaker |
| Project Location: | PERMIAN 32.61634-104.0002436 |                     |                |

**Sample ID: H 2 @ SURFACE (H255356-02)**

| 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           | 08/28/2025 | ND              | 1.84 | 91.8       | 2.00          | 1.75  |           |
| Toluene*       | <0.050 | 0.050           | 08/28/2025 | ND              | 1.97 | 98.4       | 2.00          | 0.252 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/28/2025 | ND              | 2.05 | 103        | 2.00          | 2.52  |           |
| Total Xylenes* | <0.150 | 0.150           | 08/28/2025 | ND              | 6.16 | 103        | 6.00          | 3.43  |           |
| Total BTEX     | <0.300 | 0.300           | 08/28/2025 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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             | <16.0  | 16.0            | 08/29/2025 | 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            | 08/28/2025 | ND              | 206 | 103        | 200           | 0.854 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/28/2025 | ND              | 188 | 94.0       | 200           | 1.25  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/28/2025 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 87.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 83.5 % 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:         | 08/28/2025                   | Sampling Date:      | 08/27/2025     |
| Reported:         | 09/04/2025                   | Sampling Type:      | Soil           |
| Project Name:     | SOLOMON 27 CTB               | Sampling Condition: | Cool & Intact  |
| Project Number:   | PRS - 129                    | Sample Received By: | Tamara Oldaker |
| Project Location: | PERMIAN 32.61634-104.0002436 |                     |                |

**Sample ID: H 3 @ SURFACE (H255356-03)**

| 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           | 08/28/2025 | ND              | 1.84 | 91.8       | 2.00          | 1.75  |           |  |
| Toluene*       | <0.050 | 0.050           | 08/28/2025 | ND              | 1.97 | 98.4       | 2.00          | 0.252 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/28/2025 | ND              | 2.05 | 103        | 2.00          | 2.52  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/28/2025 | ND              | 6.16 | 103        | 6.00          | 3.43  |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/28/2025 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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            | 08/29/2025 | 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            | 08/29/2025 | ND              | 206 | 103        | 200           | 0.854 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/29/2025 | ND              | 188 | 94.0       | 200           | 1.25  |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/29/2025 | ND              |     |            |               |       |           |  |

Surrogate: 1-Chlorooctane 90.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 88.0 % 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:         | 08/28/2025                   | Sampling Date:      | 08/27/2025     |
| Reported:         | 09/04/2025                   | Sampling Type:      | Soil           |
| Project Name:     | SOLOMON 27 CTB               | Sampling Condition: | Cool & Intact  |
| Project Number:   | PRS - 129                    | Sample Received By: | Tamara Oldaker |
| Project Location: | PERMIAN 32.61634-104.0002436 |                     |                |

**Sample ID: H 4 @ SURFACE (H255356-04)**

| 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           | 08/28/2025 | ND              | 1.84 | 91.8       | 2.00          | 1.75  |           |
| Toluene*       | <0.050 | 0.050           | 08/28/2025 | ND              | 1.97 | 98.4       | 2.00          | 0.252 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/28/2025 | ND              | 2.05 | 103        | 2.00          | 2.52  |           |
| Total Xylenes* | <0.150 | 0.150           | 08/28/2025 | ND              | 6.16 | 103        | 6.00          | 3.43  |           |
| Total BTEX     | <0.300 | 0.300           | 08/28/2025 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 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             | <16.0  | 16.0            | 08/29/2025 | 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            | 08/29/2025 | ND              | 206 | 103        | 200           | 0.854 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/29/2025 | ND              | 188 | 94.0       | 200           | 1.25  |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/29/2025 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 83.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 80.5 % 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

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

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\*=Accredited Analyte

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*Celey D. Keene*

Celey D. Keene, Lab Director/Quality Manager





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---

September 04, 2025

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: SOLOMON 27 CTB

Enclosed are the results of analyses for samples received by the laboratory on 08/28/25 8:13.

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](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

|                   |                              |                     |                |
|-------------------|------------------------------|---------------------|----------------|
| Received:         | 08/28/2025                   | Sampling Date:      | 08/27/2025     |
| Reported:         | 09/04/2025                   | Sampling Type:      | Soil           |
| Project Name:     | SOLOMON 27 CTB               | Sampling Condition: | Cool & Intact  |
| Project Number:   | PRS - 129                    | Sample Received By: | Tamara Oldaker |
| Project Location: | PERMIAN 32.61634-104.0002436 |                     |                |

**Sample ID: B 1 @ 1' (H255357-01)**

| 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           | 08/28/2025 | ND              | 1.84 | 91.8       | 2.00          | 1.75  |           |
| Toluene*       | <0.050 | 0.050           | 08/28/2025 | ND              | 1.97 | 98.4       | 2.00          | 0.252 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 08/28/2025 | ND              | 2.05 | 103        | 2.00          | 2.52  |           |
| Total Xylenes* | <0.150 | 0.150           | 08/28/2025 | ND              | 6.16 | 103        | 6.00          | 3.43  |           |
| Total BTEX     | <0.300 | 0.300           | 08/28/2025 | ND              |      |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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            | 08/29/2025 | 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            | 08/28/2025 | ND              | 191 | 95.3       | 200           | 1.79 |           |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/28/2025 | ND              | 189 | 94.6       | 200           | 3.75 |           |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/28/2025 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 86.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.6 % 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:         | 08/28/2025                   | Sampling Date:      | 08/27/2025     |
| Reported:         | 09/04/2025                   | Sampling Type:      | Soil           |
| Project Name:     | SOLOMON 27 CTB               | Sampling Condition: | Cool & Intact  |
| Project Number:   | PRS - 129                    | Sample Received By: | Tamara Oldaker |
| Project Location: | PERMIAN 32.61634-104.0002436 |                     |                |

**Sample ID: B 2 @ 1' (H255357-02)**

| 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           | 08/28/2025 | ND              | 1.84 | 91.8       | 2.00          | 1.75  |           |  |
| Toluene*       | <0.050 | 0.050           | 08/28/2025 | ND              | 1.97 | 98.4       | 2.00          | 0.252 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/28/2025 | ND              | 2.05 | 103        | 2.00          | 2.52  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/28/2025 | ND              | 6.16 | 103        | 6.00          | 3.43  |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/28/2025 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/29/2025 | 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            | 08/28/2025 | ND              | 191 | 95.3       | 200           | 1.79 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/28/2025 | ND              | 189 | 94.6       | 200           | 3.75 |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/28/2025 | ND              |     |            |               |      |           |  |

Surrogate: 1-Chlorooctane 81.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 77.1 % 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.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
\*\* Samples not received at proper temperature of 6°C or below.
\*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager





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

---

September 04, 2025

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: SOLOMON 27 CTB

Enclosed are the results of analyses for samples received by the laboratory on 08/28/25 8:13.

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](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

|                   |                              |                     |                |
|-------------------|------------------------------|---------------------|----------------|
| Received:         | 08/28/2025                   | Sampling Date:      | 08/27/2025     |
| Reported:         | 09/04/2025                   | Sampling Type:      | Soil           |
| Project Name:     | SOLOMON 27 CTB               | Sampling Condition: | Cool & Intact  |
| Project Number:   | PRS - 129                    | Sample Received By: | Tamara Oldaker |
| Project Location: | PERMIAN 32.61634-104.0002436 |                     |                |

**Sample ID: W 1 @ BGS 1' (H255358-01)**

| 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           | 08/28/2025 | ND              | 1.84 | 91.8       | 2.00          | 1.75  |           |  |
| Toluene*       | <0.050 | 0.050           | 08/28/2025 | ND              | 1.97 | 98.4       | 2.00          | 0.252 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 08/28/2025 | ND              | 2.05 | 103        | 2.00          | 2.52  |           |  |
| Total Xylenes* | <0.150 | 0.150           | 08/28/2025 | ND              | 6.16 | 103        | 6.00          | 3.43  |           |  |
| Total BTEX     | <0.300 | 0.300           | 08/28/2025 | ND              |      |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AC |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | <16.0  | 16.0            | 08/29/2025 | 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            | 08/28/2025 | ND              | 191 | 95.3       | 200           | 1.79 |           |  |
| DRO >C10-C28*    | <10.0  | 10.0            | 08/28/2025 | ND              | 189 | 94.6       | 200           | 3.75 |           |  |
| EXT DRO >C28-C36 | <10.0  | 10.0            | 08/28/2025 | ND              |     |            |               |      |           |  |

Surrogate: 1-Chlorooctane 102 % 44.4-145

Surrogate: 1-Chlorooctadecane 101 % 40.6-153

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\*=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.
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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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**

|   |  |   |  |   |  |                                  |  |  |  |
|---|--|---|--|---|--|----------------------------------|--|--|--|
| <b>Company Name:</b> Diamondback Disposal Services<br><b>Project Manager:</b> Justin Roberts<br><b>Address:</b> 2525 NW County Rd<br><b>City:</b> Hobbs <b>State:</b> NM <b>Zip:</b> 88240<br><b>Phone #:</b> <b>Fax #:</b><br><b>Project #:</b> PRS-129 <b>Project Owner:</b><br><b>Project Name:</b> Solomon 27 CTB<br><b>Project Location:</b> 32.61634, -104.0002436<br><b>Sampler Name:</b> Jacob Thurman<br><small>FOR LAB USE ONLY</small> |  | <b>P.O. #:</b><br><b>Company:</b> Permian Resources<br><b>Attn:</b> Montgomery Floyd<br><b>Address:</b><br><b>City:</b><br><b>State:</b> <b>Zip:</b><br><b>Phone #:</b><br><b>Fax #:</b>  |  | <b>BILL TO</b>  |  | <b>ANALYSIS REQUEST</b>          |  |  |  |
| <b>Lab I.D.</b><br>H85358<br>W1 @ BGS 1'  |  | (G)RAB OR (C)OMP. <input checked="" type="checkbox"/><br># CONTAINERS 1<br>MATRIX<br>GROUNDWATER <input type="checkbox"/><br>WASTEWATER <input type="checkbox"/><br>SOIL <input checked="" type="checkbox"/><br>OIL <input type="checkbox"/><br>SLUDGE <input type="checkbox"/><br>OTHER :<br>ACID/BASE: <input type="checkbox"/><br>ICE / COOL <input checked="" type="checkbox"/><br>OTHER :<br>DATE 8-27-25<br>TIME 2:34 AM<br>8/28/25 |  | CL <input checked="" type="checkbox"/><br>BTEX <input type="checkbox"/><br>EXT TPH <input type="checkbox"/><br>FULL TCLIP <input type="checkbox"/><br>NORM <input type="checkbox"/>                                 |  |                                  |  |  |  |
| <b>Delivered By:</b> (Circle One)<br>Sampler - UPS - Bus - Other:   |  | <b>Observed Temp. °C</b> 4.8<br><b>Corrected Temp. °C</b> 5.1   |  | <b>Sample Condition</b><br>Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/><br>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>                               |  | <b>CHECKED BY:</b><br>(Initials) |  |  |  |
| <b>Relinquished By:</b>   |  | <b>Date:</b> 8-28-25<br><b>Time:</b> 8:13<br><b>Received By:</b>  |  | <b>Verbal Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:<br>All Results are emailed. Please provide Email address:<br>Environmental@Diamondbacknm.com |  | <b>REMARKS:</b>                  |  |  |  |
| Delivered By: (Circle One)<br>Sampler - UPS - Bus - Other:  |  | <b>Observed Temp. °C</b> 4.8<br><b>Corrected Temp. °C</b> 5.1   |  | <b>Sample Condition</b><br>Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/><br>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>                               |  | <b>CHECKED BY:</b><br>(Initials) |  |  |  |
| <b>Relinquished By:</b>   |  | <b>Date:</b> 8-28-25<br><b>Time:</b> 8:13<br><b>Received By:</b>  |  | <b>Verbal Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:<br>All Results are emailed. Please provide Email address:<br>Environmental@Diamondbacknm.com |  | <b>REMARKS:</b>                  |  |  |  |

† Cardinal cannot accept verbal changes. Please email changes to caley.keene@cardinalabnm.com

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

Action 543970

**QUESTIONS**

|   |  |
|---|--|
| Operator:<br>Permian Resources Operating, LLC<br>300 N. Marienfeld St Ste 1000<br>Midland, TX 79701 | OGRID:<br>372165   |
|   | Action Number:<br>543970   |
|   | Action Type:<br>[C-141] Reclamation Report C-141 (C-141-v-Reclamation) |

**QUESTIONS**

|                      |  |
|----------------------|--|
| <b>Prerequisites</b> |  |
| Incident ID (n#)     | nAPP2522243552                                   |
| Incident Name        | NAPP2522243552 SOLOMON 27 CTB 1 @ FAPP2220954067 |
| Incident Type        | Oil Release                                      |
| Incident Status      | Reclamation Report Received                      |
| Incident Facility    | [fAPP2220954067] Solomon 27 CTB 1                |

|   |                  |
|---|------------------|
| <b>Location of Release Source</b>                     |                  |
| <i>Please answer all the questions in this group.</i> |                  |
| Site Name   | SOLOMON 27 CTB 1 |
| Date Release Discovered                               | 08/09/2025       |
| Surface Owner   | Federal          |

|  |             |
|--|-------------|
| <b>Incident Details</b>  |             |
| <i>Please answer all the questions in this group.</i>  |             |
| Incident Type  | Oil Release |
| Did this release result in a fire or is the result of a fire   | Yes         |
| 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          |

|   |   |
|---|---|
| <b>Nature and Volume of Release</b>   |   |
| <i>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.</i> |   |
| Crude Oil Released (bbls) Details   | Cause: Equipment Failure   Dump Valve   Crude Oil   Released: 1 BBL   Recovered: 0 BBL   Lost: 1 BBL. |
| Produced Water Released (bbls) Details  | Not answered.   |
| Is the concentration of chloride in the produced water >10,000 mg/l   | No  |
| Condensate Released (bbls) Details  | Not answered.   |
| Natural Gas Vented (Mcf) Details  | Not answered.   |
| Natural Gas Flared (Mcf) Details  | Not answered.   |
| Other Released Details  | Not answered.   |
| Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)  | Not answered.   |

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QUESTIONS, Page 2

Action 543970

**QUESTIONS (continued)**

|   |  |
|---|--|
| Operator:<br>Permian Resources Operating, LLC<br>300 N. Marienfeld St Ste 1000<br>Midland, TX 79701 | OGRID:<br>372165   |
|   | Action Number:<br>543970   |
|   | Action Type:<br>[C-141] Reclamation Report C-141 (C-141-v-Reclamation) |

**QUESTIONS**

|  |   |
|--|---|
| <b>Nature and Volume of Release (continued)</b>  |   |
| Is this a gas only submission (i.e. only significant Mcf values reported)  | <b>More info needed to determine if this will be treated as a "gas only" report.</b>  |
| Was this a major release as defined by Subsection A of 19.15.29.7 NMAC   | <b>Yes</b>  |
| Reasons why this would be considered a submission for a notification of a major release  | <b>From paragraph A. "Major release" determine using:<br/>(2) an unauthorized release of a volume that:<br/>(a) results in a fire or is the result of a fire.</b> |
| <i>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.</i> |   |

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

*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: Matthew Taylor<br>Title: Environmental Coordinator<br>Email: matthew.taylor@permianres.com<br>Date: 01/16/2026 |
|--|--|

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QUESTIONS, Page 3

Action 543970

**QUESTIONS (continued)**

|   |  |
|---|--|
| Operator:<br>Permian Resources Operating, LLC<br>300 N. Marienfeld St Ste 1000<br>Midland, TX 79701 | OGRID:<br>372165   |
|   | Action Number:<br>543970   |
|   | Action Type:<br>[C-141] Reclamation Report C-141 (C-141-v-Reclamation) |

**QUESTIONS**

**Site Characterization**

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.

|  |                         |
|--|-------------------------|
| What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs) | Between 26 and 50 (ft.) |
| What method was used to determine the depth to ground water  | Estimate or Other       |
| Did this release impact groundwater or surface water   | No                      |
| <b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>   |                         |
| 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  | Greater than 5 (mi.)    |
| A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes  | Between 1 and 5 (mi.)   |
| Any other fresh water well or spring   | Between 1 and 5 (mi.)   |
| Incorporated municipal boundaries or a defined municipal fresh water well field  | Greater than 5 (mi.)    |
| A wetland  | Between 1 and 5 (mi.)   |
| A subsurface mine  | Greater than 5 (mi.)    |
| An (non-karst) unstable area   | Greater than 5 (mi.)    |
| Categorize the risk of this well / site being in a karst geology   | Low                     |
| A 100-year floodplain  | Greater than 5 (mi.)    |
| Did the release impact areas not on an exploration, development, production, or storage site                               | Yes                     |

**Remediation Plan**

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.

|  |     |
|--|-----|
| 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)         | 0.1 |
| TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M) | 0.1 |
| GRO+DRO (EPA SW-846 Method 8015M)           | 0.1 |
| BTEX (EPA SW-846 Method 8021B or 8260B)     | 0.1 |
| Benzene (EPA SW-846 Method 8021B or 8260B)  | 0.1 |

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.

|   |            |
|---|------------|
| On what estimated date will the remediation commence                        | 08/26/2025 |
| On what date will (or did) the final sampling or liner inspection occur     | 10/21/2025 |
| On what date will (or was) the remediation complete(d)                      | 08/26/2025 |
| What is the estimated surface area (in square feet) that will be reclaimed  | 40         |
| What is the estimated volume (in cubic yards) that will be reclaimed        | 12         |
| What is the estimated surface area (in square feet) that will be remediated | 40         |
| What is the estimated volume (in cubic yards) that will be remediated       | 12         |

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.

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.

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QUESTIONS, Page 4

Action 543970

**QUESTIONS (continued)**

|   |  |
|---|--|
| Operator:<br>Permian Resources Operating, LLC<br>300 N. Marienfeld St Ste 1000<br>Midland, TX 79701 | OGRID:<br>372165   |
|   | Action Number:<br>543970   |
|   | Action Type:<br>[C-141] Reclamation Report C-141 (C-141-v-Reclamation) |

**QUESTIONS**

**Remediation Plan (continued)**

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.

**This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:**

(Select all answers below that apply.)

|   |  |
|---|--|
| (Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.) | Yes  |
| Which OCD approved facility will be used for <b>off-site</b> disposal                 | <a href="#">fEEM0112342028 LEA LAND LANDFILL</a> |
| <b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal     | Not answered.                                    |
| <b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state              | Not answered.                                    |
| <b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility          | Not answered.                                    |
| (Ex Situ) Excavation and <b>on-site</b> 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.                                    |

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 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: Matthew Taylor<br>Title: Environmental Coordinator<br>Email: <a href="mailto:matthew.taylor@permianres.com">matthew.taylor@permianres.com</a><br>Date: 01/16/2026 |
|--|---|

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.

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QUESTIONS, Page 5

Action 543970

**QUESTIONS (continued)**

|   |  |
|---|--|
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|   | Action Number:<br>543970   |
|   | Action Type:<br>[C-141] Reclamation Report C-141 (C-141-v-Reclamation) |

**QUESTIONS**

|   |    |
|---|----|
| <b>Deferral Requests Only</b>   |    |
| <i>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.</i> |    |
| Requesting a deferral of the remediation closure due date with the approval of this submission  | No |

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QUESTIONS, Page 6

Action 543970

**QUESTIONS (continued)**

|   |  |
|---|--|
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|   | Action Number:<br>543970   |
|   | Action Type:<br>[C-141] Reclamation Report C-141 (C-141-v-Reclamation) |

**QUESTIONS**

| <b>Sampling Event Information</b>   |                   |
|---|-------------------|
| Last sampling notification (C-141N) recorded  | <b>516394</b>     |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | <b>10/21/2025</b> |
| What was the (estimated) number of samples that were to be gathered                             | <b>5</b>          |
| What was the sampling surface area in square feet   | <b>1000</b>       |

| <b>Remediation Closure Request</b>   |  |
|--|--|
| <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   | <b>Yes</b>   |
| Have the lateral and vertical extents of contamination been fully delineated   | <b>Yes</b>   |
| Was this release entirely contained within a lined containment area  | <b>No</b>  |
| 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   | <b>Yes</b>   |
| What was the total surface area (in square feet) remediated  | <b>660</b>   |
| What was the total volume (cubic yards) remediated   | <b>12</b>  |
| 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 | <b>Yes</b>   |
| What was the total surface area (in square feet) reclaimed   | <b>660</b>   |
| What was the total volume (in cubic yards) reclaimed   | <b>12</b>  |
| Summarize any additional remediation activities not included by answers (above)  | <b>Remediation has been completed at the site.</b> |

*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 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: <b>Matthew Taylor</b><br>Title: <b>Environmental Coordinator</b><br>Email: <b>matthew.taylor@permianres.com</b><br>Date: <b>01/16/2026</b> |
|--|--|

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QUESTIONS, Page 7

Action 543970

**QUESTIONS (continued)**

|   |  |
|---|--|
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**QUESTIONS**

|  |  |
|--|--|
| <b>Reclamation Report</b>  |  |
| <i>Only answer the questions in this group if all reclamation steps have been completed.</i>   |  |
| Requesting a reclamation approval with this submission   | Yes  |
| What was the total reclamation surface area (in square feet) for this site   | 660  |
| What was the total volume of replacement material (in cubic yards) for this site   | 12   |
| <i>Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.</i>  |  |
| Is the soil top layer complete and is it suitable material to establish vegetation   | Yes  |
| On what (estimated) date will (or was) the reseeded commence(d)  | 09/04/2025   |
| Summarize any additional reclamation activities not included by answers (above)  | A large burn area was disced and reseeded utilizing BLM #1 seed mix.   |
| <i>The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseeded plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 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: Matthew Taylor<br>Title: Environmental Coordinator<br>Email: matthew.taylor@permianres.com<br>Date: 01/16/2026 |

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QUESTIONS, Page 8

Action 543970

**QUESTIONS (continued)**

|   |  |
|---|--|
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|   | Action Number:<br>543970   |
|   | Action Type:<br>[C-141] Reclamation Report C-141 (C-141-v-Reclamation) |

**QUESTIONS**

|   |    |
|---|----|
| <b>Revegetation Report</b>  |    |
| <i>Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.</i>   |    |
| Requesting a restoration complete approval with this submission   | No |
| <i>Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.</i> |    |

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CONDITIONS

Action 543970

**CONDITIONS**

|   |  |
|---|--|
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|   | Action Number:<br>543970   |
|   | Action Type:<br>[C-141] Reclamation Report C-141 (C-141-v-Reclamation) |

**CONDITIONS**

| Created By | Condition | Condition Date |
|------------|-----------|----------------|
| scwells    | None      | 2/20/2026      |