

1. Reclamation Report Content Requirements

The revised reclamation report has been updated to include the items requested by OCD, including an Executive Summary, a scaled site map showing sampling locations, updated analytical summary tables, photographs of the reclaimed areas, photographs of the top layer/suitable growth material, and a revegetation plan. The analytical summaries are provided immediately following this cover response. Due to the length of the full laboratory reports, the complete analytical laboratory reports and chain-of-custody documentation are provided in Appendix F.

2. Historical Delineation Data

Laboratory analytical reports associated with delineation events reportedly conducted on March 14, 2017 and April 6, 2017 are not available in existing records. Additional delineation sampling was performed on January 22, 2026 at the locations and depth intervals specifically requested by Shelly Wells with OCD. Sampling conducted within the unlined area extended through the backfill and into the underlying in-situ soils, providing confirmation of subsurface conditions. These sampling locations are shown on the updated sample location map.

3. Analytical Language Clarification

Analytical result language has been revised to accurately reflect that concentrations meet applicable NMOCD Table I standards.

4. Additional Delineation and Exceedances

Historical TPH exceedances identified in prior reports have been addressed through the additional delineation sampling event. The January 22, 2026 sampling event included the locations and depth intervals requested by Shelly Wells with OCD within the previously identified unvegetated area. The results demonstrate that soil concentrations are below applicable reclamation standards.

5. Backfill Verification





A separate 5-point composite sample of backfill material was not collected. Instead, the January 22, 2026 delineation sampling event provides a more representative dataset, consisting of multiple discrete sample locations and depth intervals across the affected area. These results demonstrate that the upper four feet of material meets applicable reclamation standards.

We appreciate OCD's time, patience, and guidance throughout this process. Your input has been valuable in ensuring the site meets current standards, and we appreciate the opportunity to address these items.

LEA YL STATE #002 – NOY1707247923

G – Additional Delineation Summary

SAMPLE ID	LAB ID NUMBER	SAMPLE DATE	BENZENE	TOLUENE (mg/kg)	ETHYL-BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)	TOTAL BTEX (mg/kg)	GRO C6-C10 (mg/kg)	DRO C10-C28 (mg/kg)	EXT DRO C28-C36 (mg/kg)	TOTAL TPH C6-C36 (mg/kg)	CHLORIDE
SP1 @ SURFACE	H260410-01	1/22/26	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32
SP1 @ 1'	H260410-02	1/22/26	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	352
SP1 @ 2'	H260410-03	1/22/26	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	368
SP1 @ 3'	H260410-04	1/22/26	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	11.3	<10.0	11.3	448
SP2 @ SURFACE	H260410-05	1/22/26	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32
SP2 @ 1'	H260410-06	1/22/26	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	240
SP2 @ 2'	H260410-07	1/22/26	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	240
SP2 @ 3'	H260410-08	1/22/26	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	41.4	<10.0	41.4	288
SP3 @ SURFACE	H260410-09	1/22/26	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	22.5	<10.0	22.5	<16.0
SP3 @ 1'	H260410-10	1/22/26	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48
SP3 @ 2'	H260410-11	1/22/26	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32
SP3 @ 3'	H260410-12	1/22/26	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16
SP3 @ 4'	H260410-13	1/22/26	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16
SP4 @ SURFACE	H260410-14	1/22/26	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
SP4 @ 1'	H260410-15	1/22/26	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
SP4 @ 2'	H260410-16	1/22/26	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
SP4 @ 3'	H260410-17	1/22/26	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80
SP4 @ 4'	H260410-18	1/22/26	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80
SAMPLE ID	LAB ID NUMBER	SAMPLE DATE	pH	CONDUCTIVITY (umhos/cm @ 25 C)	TEMPERATURE (C)	CALCIUM (mg/L)	MAGNESIUM (mg/L)	SODIUM (mg/L)	SAR	ESP (%)		
SP1 @ SURFACE	H260410-01	1/22/26	7.57	492	19.5	157	18.8	5.45	0.11	0.16		
SP2 @ SURFACE	H260410-05	1/22/26	7.72	1230	21.7	434	50	51.2	0.62	0.84		
SP3 @ SURFACE	H260410-09	1/22/26	7.57	391	22.5	120	19	13.9	0.31	0.44		
SP4 @ SURFACE	H260410-14	1/22/26	7.31	483	22.3	121	16.9	5.7	0.13	0.19		

-  Release Point
-  Wall Sample
-  Floor Samples
-  Vertical Sample "SP"
-  Excavated Area



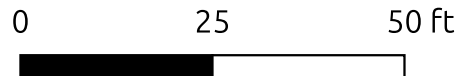
TEXLAND PETROLEUM-HOBBS, LLC
 LEA YL STATE #002
 Incident #NOY1707247923
 32.867981,-103.222923 NAD83
 Lease #B002430006



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



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 575-392-9996

LEA YL STATE #002 -- Seeding Photography



Figure 8

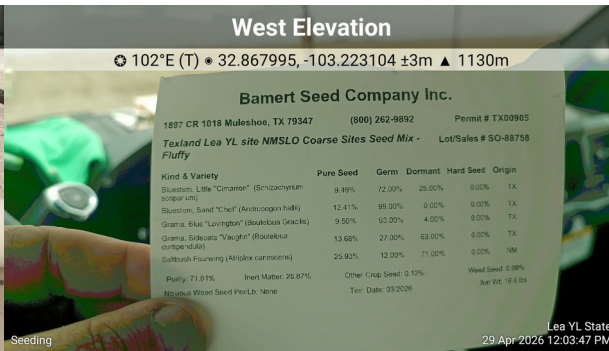


Figure 9

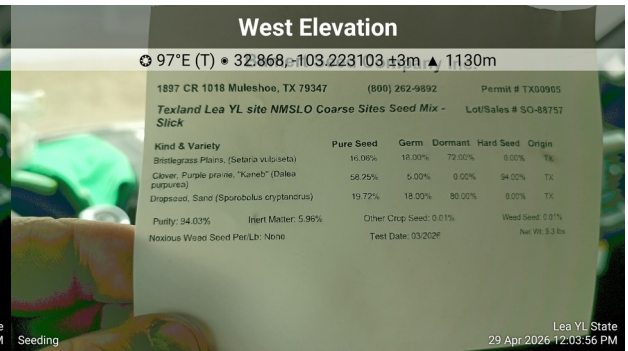


Figure 10



Figure 11

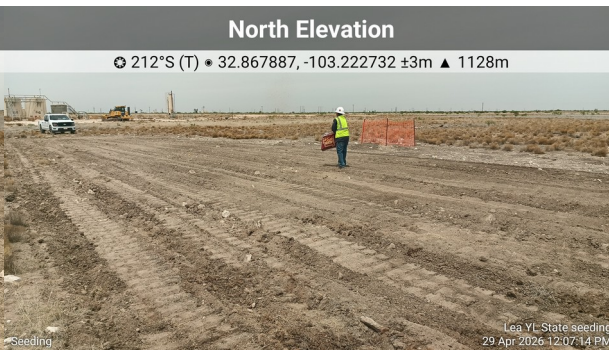


Figure 12



Figure 13



Figure 14



Figure 15



Figure 16



TEXLAND PETROLEUM-HOBBS, LLC

LEA YL STATE #002

Remediation Closure Report

NOY1707247923, 1RP-4642

API No. 30-025-31005

J-02-17S-37E

Lease #B002430006

32.867981,-103.222923 NAD83



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

Executive Summary

This executive summary provides an overview of the remediation closure activities conducted at the LEA YL STATE #002 location on behalf of Texland Petroleum-Hobbs, LLC (Texland). Diamondback Disposal Services, Inc. (Diamondback) prepared this closure report utilizing historical documentation, communications, disposal manifests, photographic evidence, and laboratory data.

The site is located in Unit Letter J, Section 2, Township 17S, Range 37E (coordinates 32.867981, - 103.222923 NAD83) under New Mexico State Land Office (NMSLO) Lease B002430006. The release was first reported in 2017, and remediation was performed under an approved work plan by BCC, Inc. in coordination with both the New Mexico Oil Conservation Division (NMOCD) and NMSLO.

Excavation and offsite disposal activities were carried out between May 31 and June 2, 2017, with a total of 572.66 tons of impacted soil transported for approved disposal. A protective liner was installed at a depth of four feet below ground surface (BGS), and the site was subsequently backfilled with clean material to achieve regulatory closure standards. Laboratory analyses confirmed that all soil samples met or exceeded the most stringent criteria of NMAC 19.15.29.12 Table 1.

The historical remediation work has been reviewed in reference to present-day standards, including NMAC 19.15.29 and NMAC 19.2.100.67. The site meets closure requirements for both soil quality and groundwater protection. Environmental and biological reviews confirmed that no sensitive species or protected habitats were impacted during remediation, and reseeded will be performed using the NMSLO-approved seed mix.

Based on the documented work and supporting data, Diamondback Disposal Services, Inc. respectfully requests final remediation closure and reclamation closure approval from both the New Mexico State Land Office (NMSLO) and the New Mexico Oil Conservation Division (NMOCD) for this location.

Table of Contents

Introduction 1

Site Characterization 1

Biological and Environmental Factors 1

Soil and Pad Construction 2

Water Resources and Remediation Considerations 2

Soil Remediation Standards 2

Remediation Activities 3

Conclusion 4

Appendix A – Site Characterization

Appendix B – Depth to Groundwater / Topographical Information

Appendix C – Site Delineation Mapping and Summary Report

Appendix D – Site Photography and Field Notes

Appendix E – Communications

Appendix F – Lab Results Originals

Introduction

This report documents the remediation activities conducted at the LEA YL STATE #002. On behalf of TEXLAND PETROLEUM-HOBBS, LLC (Texland), Diamondback Disposal Services, Inc. (Diamondback) prepared this remediation closure report based solely on historical records, including documentation from BCC Inc., emails, photographic evidence, and other available files. Calculations and supporting data were derived from disposal receipts and related historical information. The release is considered historic, and both the spill volume and cause are unknown. Additional details are provided in the Remediation section of this report.

The site, located in Unit Letter J, Section 2, Township 17S, Range 37E (coordinates 32.867981,-103.222923 NAD83), lies approximately 9 miles south of Lovington, NM, within an active oil and gas operations area and adjacent to agricultural fields and farmland. The location is situated on New Mexico State Land Office (NMSLO) lease B002430006 and falls under NMSLO jurisdiction. Remediation and reclamation activities were conducted in accordance with the New Mexico Oil Conservation Division regulations in effect at the time of notification in 2017, including 19.15.29 NMAC, and with the New Mexico State Land Office requirements then in force. This closure report has been prepared in reference to current regulatory standards, including 19.15.29 and 19.2.100.67 NMAC, to the extent practicable, so certain items such as sampling frequency may differ from today's requirements. As per the approved workplan, grab samples rather than composite samples were collected.

The site can be accessed from the intersection of Catchings Road and W Stiles Road:

- Travel north on Catchings Road for 0.6 miles to a lease road on the right.
- Turn right and head east for 0.4 miles to a Y in the road.
- Follow the left fork and head north for 0.2 miles to the location.

A map is included in Appendix B.

Site Characterization

Since the release occurred in 2017 and Diamondback was not the contractor responsible for the original remediation, the extent of the work performed at that time cannot be fully verified. However, several environmental and regulatory considerations have been reviewed in preparation for Diamondback's initiation of seeding activities, and these factors will be addressed to ensure compliance.

Biological and Environmental Factors

- IPaC data, the CHAT layer (rating of 5), and available BLM sensitive receptor data were reviewed. The BLM sensitive receptor map does not extend to the project area, the CHAT rating is 5, and the IPaC official species list identifies the lesser prairie-chicken, northern aplomado falcon, and monarch butterfly as species that may occur in the broader region. However, there are no designated critical habitats within or immediately adjacent to the project area (see Appendix A).

- A field assessment confirmed no active burrows, nests, or evidence of federally or state-protected species within the project area.
- During reseeding efforts, Diamondback will not extend activities beyond the footprint of the documented release, and all work will comply with the Cultural Properties Protection Rule (NMAC 19.2.24).
- All reseeding activities will be conducted in compliance with the Endangered Species Act (ESA), the Migratory Bird Treaty Act (MBTA), and applicable state wildlife regulations to avoid impacts to sensitive species and their habitats. No protected species were observed during recent site assessments; however, if any are identified during seeding, work will be halted and the appropriate regulatory agencies contacted for guidance on mitigation measures.

Soil and Pad Construction

- The Web Soil Survey (see Appendix A) identifies the native soil at the site as Kimbrough-Rock outcrop complex, with 1 to 8 percent slopes.
- Reseeding will utilize the NMSLO-approved “L” seed mix, as the site consists of a mixture of gravelly loam and loamy soils.

Water Resources and remediation considerations

- A freshwater pond was identified within a one-mile radius, located approximately 0.5 miles northeast of the site
- The New Mexico Office of the State Engineer (NMOSE) identifies two nearby points of diversion (PODs) in the vicinity of the site: L-09955, located approximately 0.4 miles southwest, drilled in 1987 to a depth of 160 feet with water encountered at 65 feet and an estimated yield of 120 gpm; and L-15900, located approximately 0.7 miles southwest, drilled in 2025 to a depth of 192 feet with water encountered at 68 feet and an estimated yield of 68 gpm. See Appendix B for maps and POD information.
- The site is located in an area with low karst potential.
- The nearest residence is located approximately 0.7 miles from the site and is also the nearest confirmed freshwater source, identified as POD L-15900.

Soil Remediation Standards

Based on site characterization results, all analytical results from the 2017 sampling event meet or exceed even the most stringent present-day NMAC 19.15.29.12 Table 1 closure criteria for soils impacted by a release. Per the 2017 regulations in effect at the time, remediation activities achieved applicable closure standards, and the top four feet below ground surface (bgs) were addressed. In addition, a liner was installed at a depth of four feet bgs to provide an added protective barrier. As a

result, the site meets both the historical closure requirements and current regulatory standards for soil quality.

Table 1: NMAC 19.15.29.12 Closure Criteria for Soils Impacted by a Release

Groundwater Depth	Chloride (mg/kg)	TPH (GRO+DRO+MRO) (mg/kg)	GRO+DRO (mg/kg)	BTEX (mg/kg)	Benzene (mg/kg)
Less than 50 feet	600	100	N/A	50	10
51 to 100 feet	10,000	2,500	1,000	50	10

Per NMAC 19.15.29.13, the top four feet bgs would be remediated to meet the most stringent reclamation standards. Any impacts requiring remediation below four feet bgs would be addressed in accordance with the Table 1 closure criteria for groundwater depths between 51 and 100 feet. Analytical data confirm that no exceedances occurred, and no further remediation was necessary.

Remediation Activities

Remediation of the LEA YL STATE #002 release location was conducted in 2017 under an approved work plan developed by BCC, Inc. on behalf of Texland Petroleum-Hobbs, LLC. The remediation objectives and scope of work were outlined and agreed upon in email communications with the New Mexico State Land Office (NMSLO) and the New Mexico Oil Conservation Division (NMOCD). Copies of these communications, including confirmation of approval to proceed, are provided in the Communications Appendix. On May 3, 2017, NMOCD issued approval to proceed with delineation and remediation activities, on May 10, 2017, NMOCD specified excavation depths and liner requirements, and on May 17, 2017, NMSLO confirmed concurrence with the work plan approvals (see Communications Appendix).

Excavation activities and offsite disposal occurred between May 31, 2017, and June 2, 2017, as supported by the Lea Land LLC disposal manifests and invoices (Appendix D). A total of 572.66 tons of impacted material was removed from the release area and transported for proper disposal. The excavation extent and material removal volumes are consistent with current closure standards for sites with groundwater depths greater than 50 feet below ground surface.

Final confirmation sampling of the release area was conducted on August 9, 2017, under full chain of custody. As confirmed in the approved workplan correspondence (see Appendix D email communication), grab samples rather than composite samples were collected. All analytical results are included in Appendix C in an updated analytical summary table that follows current formatting while preserving original data.

Following confirmation sampling, a liner was installed at a depth of approximately four feet below ground surface in accordance with the approved work plan. Liner installation was authorized on August 14, 2017 (see Communications Appendix) and completed by Wild West Services as a subcontractor to BCC, Inc., as evidenced by the August 17, 2017 invoice included in Appendix D.

Backfilling with clean, approved material was authorized on August 22, 2017 (see Communications Appendix) and completed consistent with the closure plan and the regulatory requirements in effect at the time of the release. Final site grading was performed to promote positive drainage and to prepare the area for reseeded in accordance with NMSLO requirements.

Photographic evidence of excavation activities and backfill is provided in the Site Photography section of Appendix D. The scaled site delineation map in Appendix C was re-created from the GPS points contained in the original 2017 project documentation. The original work plan and laboratory information are included in Appendix E, while the original laboratory reports are provided in Appendix F.

Based on the volume of material removed, the installation of a protective liner (as documented by the subcontractor invoice), confirmation that all analytical results meet even today's closure criteria, and documentation showing that excavation and reclamation efforts were performed under the approved work plan and regulatory approvals in 2017, the remedial objectives for the site have been achieved. Diamondback Disposal Services, Inc. has prepared this closure report using available historical documentation, communications, analytical reports, and photographic evidence to demonstrate compliance.

Conclusion

This report documents the assessment, historical excavation, and closure verification for the release associated with the LEA YL STATE #002 location, situated in Unit Letter A, Section 7, Township 22S, Range 35E (coordinates 32.867981, -103.222923 NAD83) under NMSLO Lease #LC-0653. The release occurred in 2017 and was remediated under an approved work plan developed by BCC, Inc. on behalf of Texland Petroleum-Hobbs, LLC.

Available records, including waste disposal manifests from Lea Land, LLC, confirm that 572.66 tons of impacted material were excavated and disposed of between June 2, 2017, and August 17, 2017 (Appendix D). A protective liner was installed at a depth of approximately four feet below ground surface (BGS), as approved in communications with the New Mexico State Land Office, with installation completed by subcontractor Wild West Services. Proof of liner installation is documented through the invoice dated August 17, 2017 (Appendix D). Backfill activities were also approved through the same communications and performed with clean material in compliance with 2017 NMOCD and NMSLO requirements.

While the remediation work was conducted under the regulations in effect at the time of notification, the excavation volume and installation of a protective liner are consistent with today's closure standards for sites with groundwater depths greater than 50 feet BGS. No evidence of vegetation damage was recorded during or after excavation. Photographic evidence documenting excavation and backfill is included in the Site Photography Appendix (Appendix D). The original work plan and laboratory information are provided in Appendix E, and the original laboratory reports are included in Appendix F.

Diamondback Disposal Services, Inc. has prepared this closure report based solely on historical documentation, emails, photographic evidence, and disposal receipts.

Based on the documented work, supporting laboratory data, and compliance with applicable regulations, we respectfully request remediation closure and reclamation closure approval from both the New Mexico State Land Office (NMSLO) and the New Mexico Oil Conservation Division (NMOCD) for the subject site.

We appreciate your time and consideration in reviewing this report. Please contact us with any questions or requests for additional information.

Appendix A

Site Characterization

National Flood Hazard Layer FIRMMette



103°13'41"W 32°52'20"N



Legend

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

- | | | |
|------------------------------------|--|--|
| SPECIAL FLOOD HAZARD AREAS | | Without Base Flood Elevation (BFE)
<i>Zone A, V, A99</i> |
| | | With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i>
Regulatory Floodway |
| OTHER AREAS OF FLOOD HAZARD | | 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile <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> |
| OTHER AREAS | | NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i> |
| | | Effective LOMRs |
| GENERAL STRUCTURES | | Area of Undetermined Flood Hazard <i>Zone D</i> |
| | | Channel, Culvert, or Storm Sewer |
| OTHER FEATURES | | Levee, Dike, or Floodwall |
| | | 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 |
| MAP PANELS | | Coastal Transect Baseline |
| | | Profile Baseline |
| | | Hydrographic Feature |
| MAP PANELS | | Digital Data Available |
| | | No Digital Data Available |
| | | Unmapped |
| | The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location. | |



1:6,000

103°13'4"W 32°51'50"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 8/14/2025 at 5:22 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

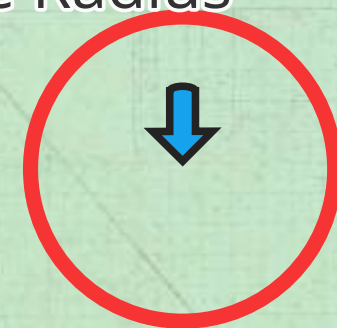
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↓ Release Point

BLM Karst Potential

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

5 Mile Radius



TEXLAND PETROLEUM-HOBBS, LLC
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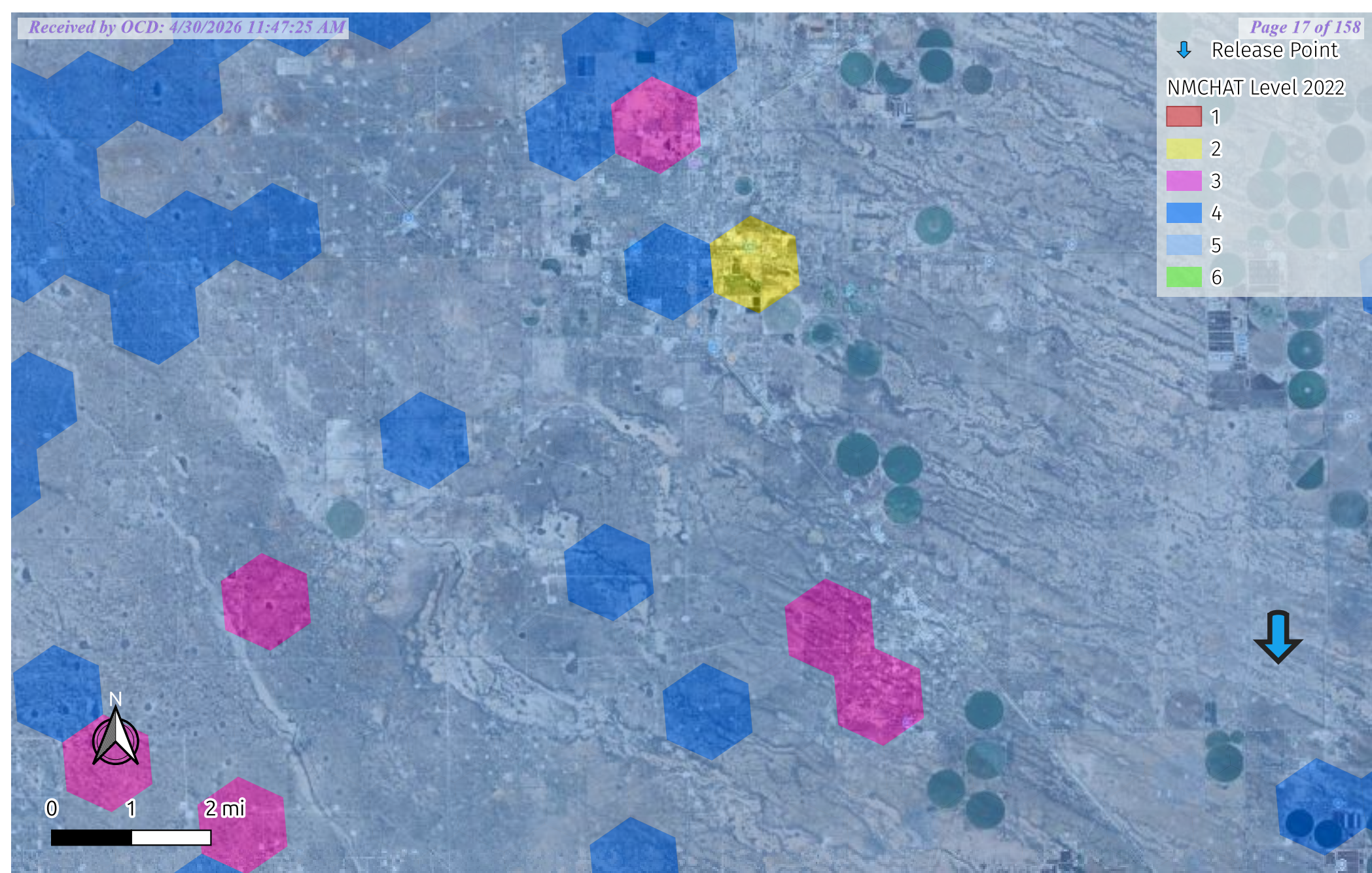


Diamondback Disposal
 Services, Inc
 P.O. Box 2491
 Hobbs, NM 88241
 575-392-9996

↓ Release Point

NMCHAT Level 2022

- 1
- 2
- 3
- 4
- 5
- 6



















TEXLAND PETROLEUM-HOBBS, LLC
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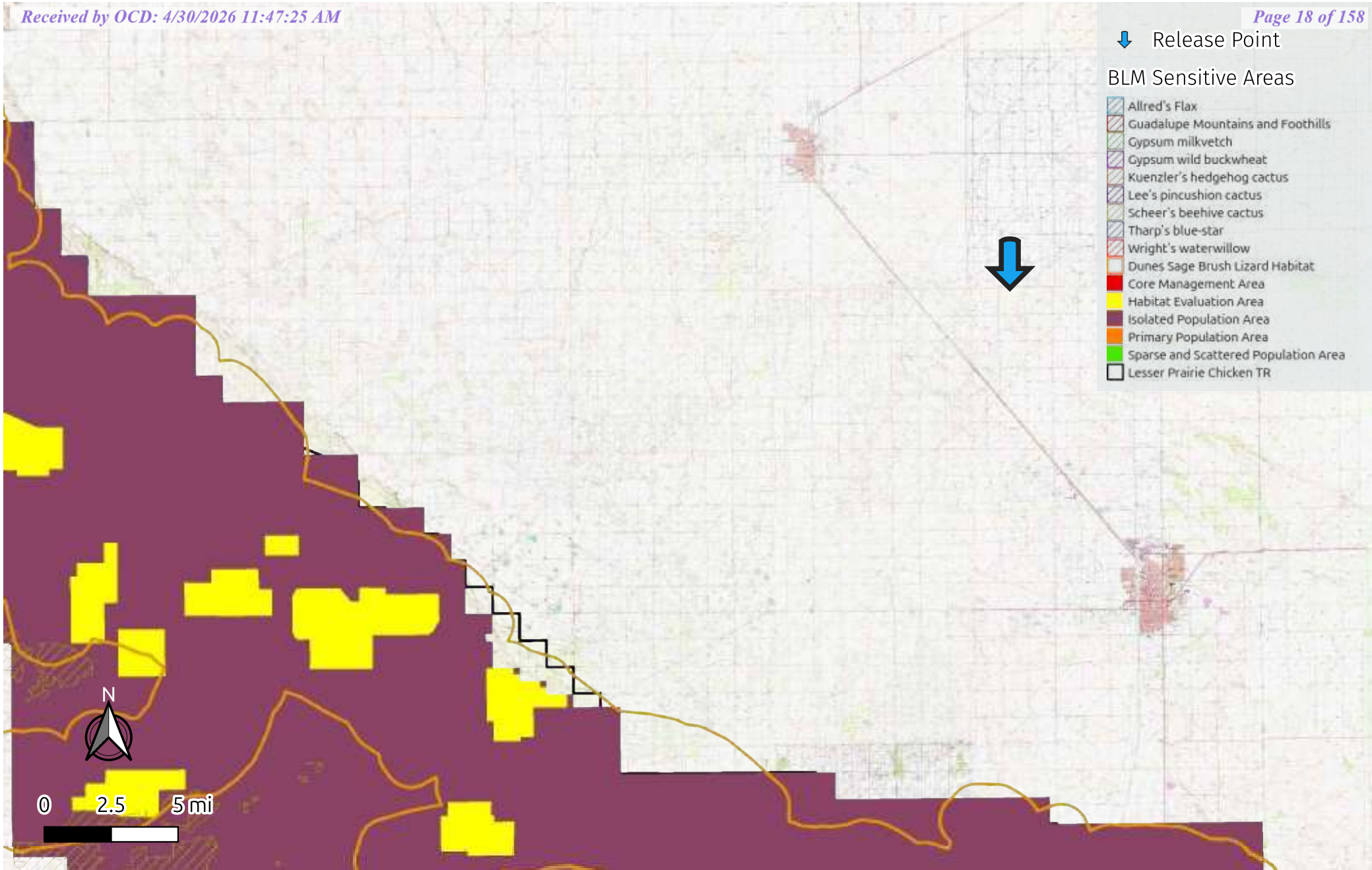


Diamondback Disposal
Services, Inc
P.O. Box 2491
Hobbs, NM 88241
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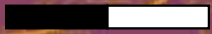
↓ Release Point

BLM Sensitive Areas

-  Allred's Flax
-  Guadalupe Mountains and Foothills
-  Gypsum milkvetch
-  Gypsum wild buckwheat
-  Kuenzler's hedgehog cactus
-  Lee's pincushion cactus
-  Scheer's beehive cactus
-  Tharp's blue-star
-  Wright's waterwillow
-  Dunes Sage Brush Lizard Habitat
-  Core Management Area
-  Habitat Evaluation Area
-  Isolated Population Area
-  Primary Population Area
-  Sparse and Scattered Population Area
-  Lesser Prairie Chicken TR



0 2.5 5 mi



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 P.O. Box 2491
 Hobbs, NM 88241
 575-392-9996



United States Department of the Interior



FISH AND WILDLIFE SERVICE
New Mexico Ecological Services Field Office
2105 Osuna Road Ne
Albuquerque, NM 87113-1001
Phone: (505) 346-2525 Fax: (505) 346-2542

In Reply Refer To:
Project Code: 2025-0136482
Project Name: Lea YL State #2

08/15/2025 15:45:27 UTC

Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

To Whom It May Concern:

Thank you for your recent request for information on federally listed species and important wildlife habitats that may occur in your project area. The U.S. Fish and Wildlife Service (Service) has responsibility for certain species of New Mexico wildlife under the Endangered Species Act (ESA) of 1973 as amended (16 USC 1531 *et seq.*), the Migratory Bird Treaty Act as amended (16 USC 701-715), and the Bald and Golden Eagle Protection Act as amended (16 USC 668-668(c)). We are providing the following guidance to assist you in determining which federally imperiled species may or may not occur within your project area, and to recommend some conservation measures that can be included in your project design.

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the ESA of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the ESA, the accuracy of this species list should be verified after 90 days. The Service recommends that verification be completed by visiting the IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the IPaC system by completing the same process used to receive the enclosed list.

The purpose of the ESA is to provide a means whereby threatened and endangered species and

Project code: 2025-0136482

08/15/2025 15:45:27 UTC

the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the ESA and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (NEPA; 42 USC 4332(2) (c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at <https://www.fws.gov/sites/default/files/documents/endangered-species-consultation-handbook.pdf>.

Candidate Species and Other Sensitive Species

A list of candidate and other sensitive species in your area is also attached. Candidate species and other sensitive species are species that have no legal protection under the ESA, although we recommend that candidate and other sensitive species be included in your surveys and considered for planning purposes. The Service monitors the status of these species. If significant declines occur, these species could potentially be listed. Therefore, actions that may contribute to their decline should be avoided.

Lists of sensitive species including State-listed endangered and threatened species are compiled by New Mexico State agencies. These lists, along with species information, can be found at the following websites.

Biota Information System of New Mexico (BISON-M): www.bison-m.org

New Mexico State Forestry. The New Mexico Endangered Plant Program:
<https://www.emnrd.nm.gov/sfd/rare-plants/>

New Mexico Rare Plant Technical Council, New Mexico Rare Plants: nmrareplants.unm.edu

Natural Heritage New Mexico, online species database: nhnm.unm.edu

WETLANDS AND FLOODPLAINS

Under Executive Orders 11988 and 11990, Federal agencies are required to minimize the destruction, loss, or degradation of wetlands and floodplains, and preserve and enhance their natural and beneficial values. These habitats should be conserved through avoidance, or mitigated to ensure that there would be no net loss of wetlands function and value.

We encourage you to use the National Wetland Inventory (NWI) maps in conjunction with ground-truthing to identify wetlands occurring in your project area. The Service's NWI program website, www.fws.gov/wetlands/Data/Mapper.html, integrates digital map data with other resource information. We also recommend you contact the U.S. Army Corps of Engineers for permitting requirements under section 404 of the Clean Water Act if your proposed action could impact floodplains or wetlands.

MIGRATORY BIRDS

In addition to responsibilities to protect threatened and endangered species under the ESA, there are additional responsibilities under the Migratory Bird Treaty Act (MBTA) and the Bald and Golden Eagle Protection Act (BGEPA) to protect native birds from project-related impacts. Any activity resulting in take of migratory birds, including eagles, is prohibited unless otherwise permitted by the Service (50 CFR 10.12 and 16 USC 668(a)). For more information regarding these Acts, see <https://www.fws.gov/program/migratory-bird-permit/what-we-do>.

It is the responsibility of the project proponent to comply with these Acts by identifying potential impacts to migratory birds and eagles within applicable NEPA documents (when there is a Federal nexus) or a Bird/Eagle Conservation Plan (when there is no Federal nexus). Proponents should implement conservation measures to avoid or minimize the production of project-related stressors or minimize the exposure of birds and their resources to the project-related stressors. For more information on avian stressors and recommended conservation measures, see <https://www.fws.gov/library/collections/threats-birds>. We also recommend review of the Birds of Conservation Concern list (<https://www.fws.gov/media/birds-conservation-concern-2021>) to fully evaluate the effects to the birds at your site. This list identifies migratory and non-migratory bird species (beyond those already designated as federally threatened or endangered) that represent top conservation priorities for the Service, and are potentially threatened by disturbance, habitat impacts, or other project development activities.

In addition to MBTA and BGEPA, Executive Order 13186: *Responsibilities of Federal Agencies to Protect Migratory Birds*, obligates all Federal agencies that engage in or authorize activities that might affect migratory birds, to minimize those effects and encourage conservation measures that will improve bird populations. Executive Order 13186 thereby provides additional protection for both migratory birds and migratory bird habitat. Please visit <https://www.fws.gov/partner/council-conservation-migratory-birds> for information regarding the implementation of Executive Order 13186.

We suggest you contact the New Mexico Department of Game and Fish, and the New Mexico

Project code: 2025-0136482

08/15/2025 15:45:27 UTC

Energy, Minerals, and Natural Resources Department, Forestry Division for information regarding State protected and at-risk species fish, wildlife, and plants.

For further consultation with the Service we recommend submitting inquiries or assessments electronically to our incoming email box at nmesfo@fws.gov, where it will be more promptly routed to the appropriate biologist for review.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Code in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List
- Bald & Golden Eagles
- Migratory Birds

OFFICIAL SPECIES LIST

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

New Mexico Ecological Services Field Office
2105 Osuna Road Ne
Albuquerque, NM 87113-1001
(505) 346-2525

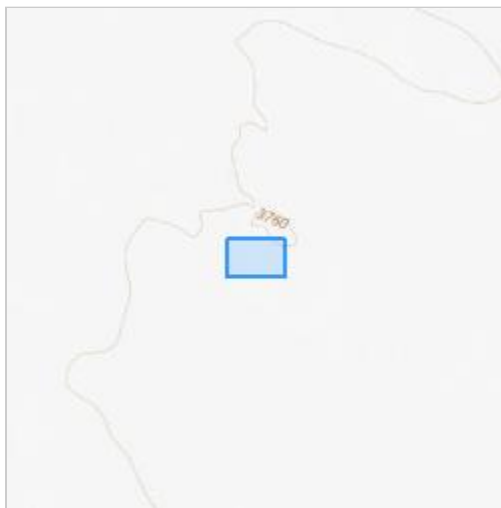
Project code: 2025-0136482

08/15/2025 15:45:27 UTC

PROJECT SUMMARY

Project Code: 2025-0136482
Project Name: Lea YL State #2
Project Type: Non-NPL Site Remediation
Project Description: Historic Remediation Investigation
Project Location:

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@32.86788655,-103.2229964,14z>



Counties: Lea County, New Mexico

ENDANGERED SPECIES ACT SPECIES

There is a total of 3 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

-
1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

Project code: 2025-0136482

08/15/2025 15:45:27 UTC

BIRDS

NAME	STATUS
Lesser Prairie-chicken <i>Tympanuchus pallidicinctus</i> Population: Southern DPS No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/1924 General project design guidelines: https://ipac.ecosphere.fws.gov/project/NOIG7F4WSVB4LJK3OP2R46THDQ/documents/generated/9126.pdf	Endangered
Northern Aplomado Falcon <i>Falco femoralis septentrionalis</i> Population: U.S.A (AZ, NM) No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/1923 General project design guidelines: https://ipac.ecosphere.fws.gov/project/NOIG7F4WSVB4LJK3OP2R46THDQ/documents/generated/8928.pdf	Experimental Population, Non- Essential

INSECTS

NAME	STATUS
Monarch Butterfly <i>Danaus plexippus</i> There is proposed critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/9743	Proposed Threatened

CRITICAL HABITATS

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

YOU ARE STILL REQUIRED TO DETERMINE IF YOUR PROJECT(S) MAY HAVE EFFECTS ON ALL ABOVE LISTED SPECIES.

BALD & GOLDEN EAGLES

Bald and Golden Eagles are protected under the Bald and Golden Eagle Protection Act ² and the Migratory Bird Treaty Act (MBTA) ¹. Any person or organization who plans or conducts activities that may result in impacts to Bald or Golden Eagles, or their habitats, should follow appropriate regulations and consider implementing appropriate avoidance and minimization measures, as described in the various links on this page.

-
1. The [Bald and Golden Eagle Protection Act](#) of 1940.
 2. The [Migratory Birds Treaty Act](#) of 1918.
 3. 50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)

Bald and Golden Eagles are protected under the Bald and Golden Eagle Protection Act and the Migratory Bird Treaty Act (MBTA). Any person or organization who plans or conducts activities that may result in impacts to Bald or Golden Eagles, or their nests, should follow appropriate regulations and implement required avoidance and minimization measures, as described in the various links on this page.

The data in this location indicates that no eagles have been observed in this area. This does not mean eagles are not present in your project area, especially if the area is difficult to survey. Please review the 'Steps to Take When No Results Are Returned' section of the Supplemental Information on Migratory Birds and Eagles document to determine if your project is in a poorly surveyed area. If it is, you may need to rely on other resources to determine if eagles may be present (e.g. your local FWS field office, state surveys, your own surveys).

Any person or organization who plans or conducts activities that may result in impacts to bald or golden eagles, or their habitats, should follow appropriate regulations and consider implementing appropriate conservation measures, as described in the links below. Specifically, please review the "Supplemental Information on Migratory Birds and Eagles".

MIGRATORY BIRDS

The Migratory Bird Treaty Act (MBTA) ¹ prohibits the take (including killing, capturing, selling, trading, and transport) of protected migratory bird species without prior authorization by the Department of Interior U.S. Fish and Wildlife Service (Service).

-
1. The [Migratory Birds Treaty Act](#) of 1918.
 2. The [Bald and Golden Eagle Protection Act](#) of 1940.
 3. 50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, see the "Probability of Presence Summary" below to see when these birds are most likely to be present and breeding in your project area.

NAME	BREEDING SEASON
Grasshopper Sparrow <i>Ammodramus savannarum perpallidus</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/8329	Breeds Jun 1 to Aug 20

PROBABILITY OF PRESENCE SUMMARY

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read "[Supplemental Information on Migratory Birds and Eagles](#)", specifically the FAQ section titled "Proper

Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

Probability of Presence (■)

Green bars; the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during that week of the year.

Breeding Season (■)

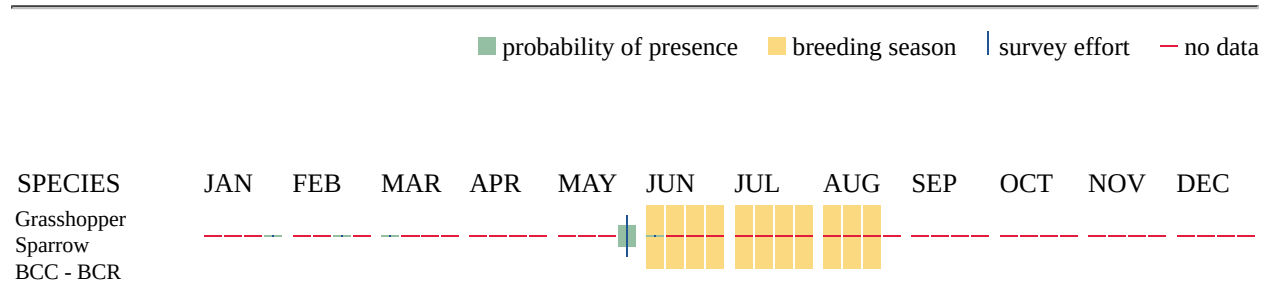
Yellow bars; liberal estimate of the timeframe inside which the bird breeds across its entire range.

Survey Effort (|)

Vertical black lines; the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps.

No Data (-)

A week is marked as having no data if there were no survey events for that week.



Additional information can be found using the following links:

- Eagle Management <https://www.fws.gov/program/eagle-management>
- Measures for avoiding and minimizing impacts to birds <https://www.fws.gov/library/collections/avoiding-and-minimizing-incident-take-migratory-birds>
- Nationwide avoidance and minimization measures for birds
- Supplemental Information for Migratory Birds and Eagles in IPaC <https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action>

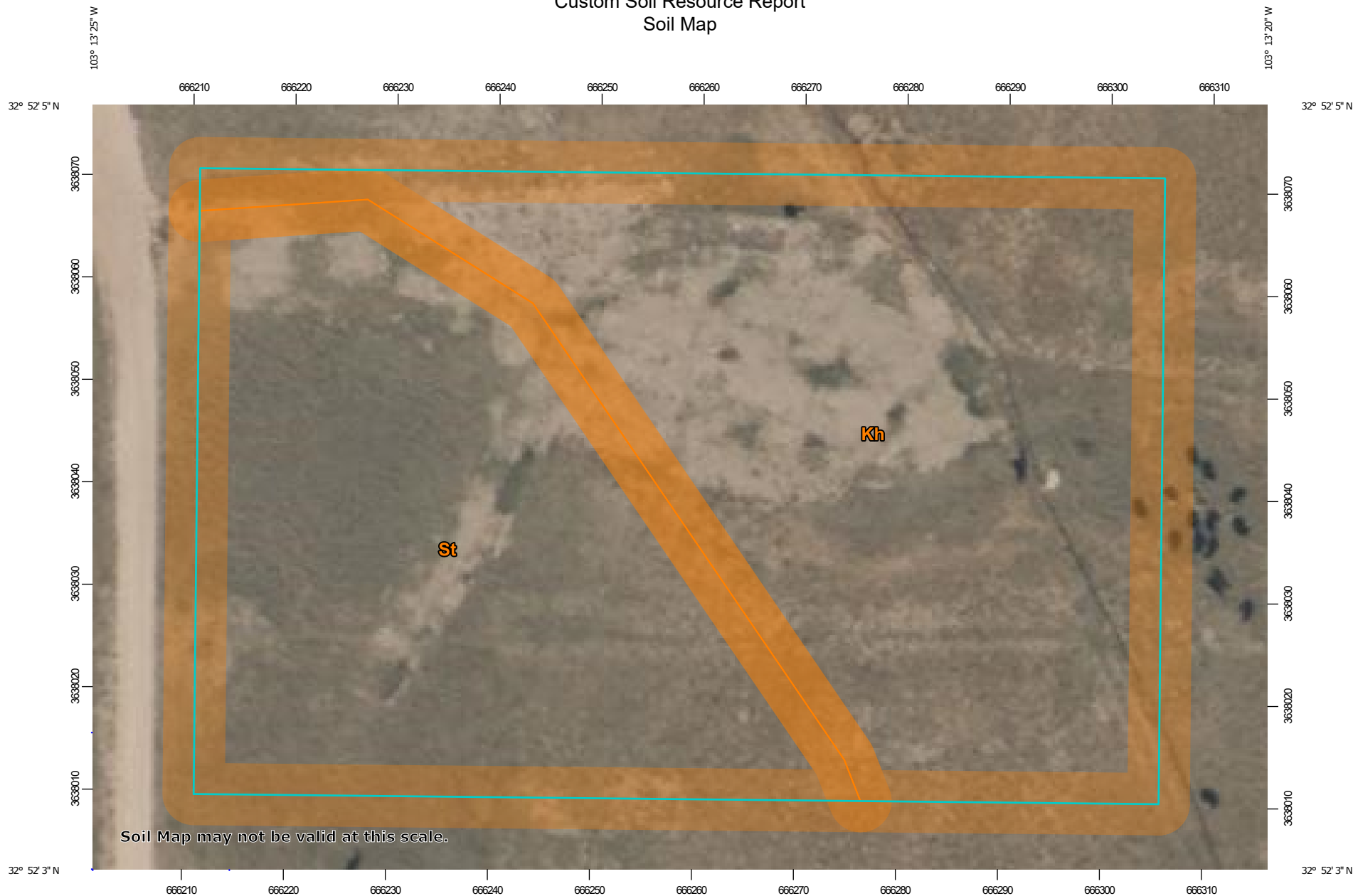
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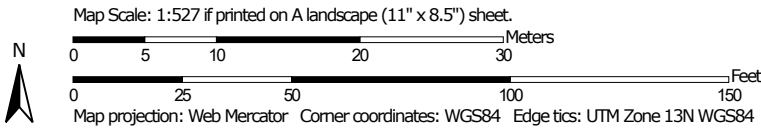
IPAC USER CONTACT INFORMATION

Agency: Private Entity
Name: Jason Owsley
Address: 2525 NW County Road
City: Hobbs
State: NM
Zip: 88240
Email: jasono@diamondbacknm.com
Phone: 5756025998

Custom Soil Resource Report Soil Map




Soil Map may not be valid at this scale.



Custom Soil Resource Report

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)




















Soils







 Soil Map Unit Polygons

 Soil Map Unit Lines


 Soil Map Unit Points

Special Point Features






-  Blowout
-  Borrow Pit
-  Clay Spot
-  Closed Depression
-  Gravel Pit
-  Gravelly Spot
-  Landfill
-  Lava Flow
-  Marsh or swamp
-  Mine or Quarry
-  Miscellaneous Water
-  Perennial Water
-  Rock Outcrop
-  Saline Spot
-  Sandy Spot
-  Severely Eroded Spot
-  Sinkhole
-  Slide or Slip
-  Sodic Spot

-  Spoil Area
-  Stony Spot
-  Very Stony Spot
-  Wet Spot
-  Other
-  Special Line Features

Water Features

 Streams and Canals

Transportation

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

Background

 Aerial Photography

MAP INFORMATION

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

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

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

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

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

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

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

Soil Survey Area: Lea County, New Mexico
 Survey Area Data: Version 21, Sep 3, 2024

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

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

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

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Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
Kh	Kimbrough-Lea complex, 0 to 3 percent slopes	0.8	54.5%
St	Stegall loam, 0 to 1 percent slopes	0.7	45.5%
Totals for Area of Interest		1.4	100.0%

Map Unit Descriptions

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

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

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

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

Custom Soil Resource Report

onsite investigation is needed to define and locate the soils and miscellaneous areas.

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

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

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

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

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

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

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

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

Custom Soil Resource Report

Lea County, New Mexico**Kh—Kimbrough-Lea complex, 0 to 3 percent slopes****Map Unit Setting**

National map unit symbol: 2tw45
Elevation: 2,500 to 4,800 feet
Mean annual precipitation: 14 to 16 inches
Mean annual air temperature: 57 to 63 degrees F
Frost-free period: 180 to 220 days
Farmland classification: Not prime farmland

Map Unit Composition

Kimbrough and similar soils: 50 percent
Lea and similar soils: 35 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Kimbrough**Setting**

Landform: Playa rims, plains
Down-slope shape: Convex, linear
Across-slope shape: Concave, linear
Parent material: Loamy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 3 inches: gravelly loam
Bw - 3 to 10 inches: loam
Bkkm1 - 10 to 16 inches: cemented material
Bkkm2 - 16 to 80 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 4 to 18 inches to petrocalcic
Drainage class: Well drained
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.01 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 95 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Very low (about 1.4 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: D
Ecological site: R077DY049TX - Very Shallow 12-17" PZ
Hydric soil rating: No

Custom Soil Resource Report

Description of Lea**Setting***Landform:* Plains*Down-slope shape:* Convex*Across-slope shape:* Linear*Parent material:* Calcareous, loamy eolian deposits from the blackwater draw formation of pleistocene age over indurated caliche of pliocene age**Typical profile***A - 0 to 10 inches:* loam*Bk - 10 to 18 inches:* loam*Bkk - 18 to 26 inches:* gravelly fine sandy loam*Bkkm - 26 to 80 inches:* cemented material**Properties and qualities***Slope:* 0 to 3 percent*Depth to restrictive feature:* 22 to 30 inches to petrocalcic*Drainage class:* Well drained*Runoff class:* High*Capacity of the most limiting layer to transmit water (Ksat):* Very low to moderately low (0.00 to 0.06 in/hr)*Depth to water table:* More than 80 inches*Frequency of flooding:* None*Frequency of ponding:* None*Calcium carbonate, maximum content:* 90 percent*Maximum salinity:* Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)*Sodium adsorption ratio, maximum:* 3.0*Available water supply, 0 to 60 inches:* Very low (about 2.9 inches)**Interpretive groups***Land capability classification (irrigated):* None specified*Land capability classification (nonirrigated):* 7s*Hydrologic Soil Group:* D*Ecological site:* R077DY047TX - Sandy Loam 12-17" PZ*Hydric soil rating:* No**Minor Components****Kenhill***Percent of map unit:* 6 percent*Landform:* Plains*Down-slope shape:* Linear*Across-slope shape:* Linear*Ecological site:* R077DY038TX - Clay Loam 12-17" PZ*Hydric soil rating:* No**Douro***Percent of map unit:* 6 percent*Landform:* Plains*Down-slope shape:* Linear*Across-slope shape:* Linear*Ecological site:* R077DY047TX - Sandy Loam 12-17" PZ*Other vegetative classification:* Unnamed (G077DH000TX)*Hydric soil rating:* No

Custom Soil Resource Report

Spraberry

Percent of map unit: 3 percent
Landform: Playa rims, plains
Down-slope shape: Convex, linear
Across-slope shape: Linear
Ecological site: R077DY049TX - Very Shallow 12-17" PZ
Other vegetative classification: Unnamed (G077DH000TX)
Hydric soil rating: No

St—Stegall loam, 0 to 1 percent slopes**Map Unit Setting**

National map unit symbol: 1idyr
Elevation: 2,500 to 5,300 feet
Mean annual precipitation: 16 to 21 inches
Mean annual air temperature: 57 to 63 degrees F
Frost-free period: 185 to 220 days
Farmland classification: Prime farmland if irrigated

Map Unit Composition

Stegall and similar soils: 90 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Stegall**Setting**

Landform: Plains
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Loamy eolian deposits from the blackwater draw formation of pleistocene age

Typical profile

Ap - 0 to 8 inches: loam
Bt - 8 to 28 inches: clay loam
Bkk - 28 to 38 inches: cemented material
BCkk - 38 to 80 inches: clay loam

Properties and qualities

Slope: 0 to 1 percent
Depth to restrictive feature: 20 to 36 inches to petrocalcic
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately high (0.00 to 0.20 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None

Custom Soil Resource Report

Calcium carbonate, maximum content: 60 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Available water supply, 0 to 60 inches: Low (about 4.4 inches)

Interpretive groups

Land capability classification (irrigated): 2e
Land capability classification (nonirrigated): 3e
Hydrologic Soil Group: C
Ecological site: R077CY022TX - Deep Hardland 16-21" PZ
Hydric soil rating: No

Minor Components

Kimberson

Percent of map unit: 5 percent
Landform: Plains
Down-slope shape: Convex
Across-slope shape: Linear
Ecological site: R077CY037TX - Very Shallow 16-21" PZ
Hydric soil rating: No

Friona

Percent of map unit: 3 percent
Landform: Plains
Down-slope shape: Linear
Across-slope shape: Linear
Ecological site: R077CY022TX - Deep Hardland 16-21" PZ
Hydric soil rating: No

Slaughter

Percent of map unit: 2 percent
Landform: Plains
Down-slope shape: Convex
Across-slope shape: Linear
Ecological site: R077CY037TX - Very Shallow 16-21" PZ
Hydric soil rating: No

Appendix B

Depth to Groundwater

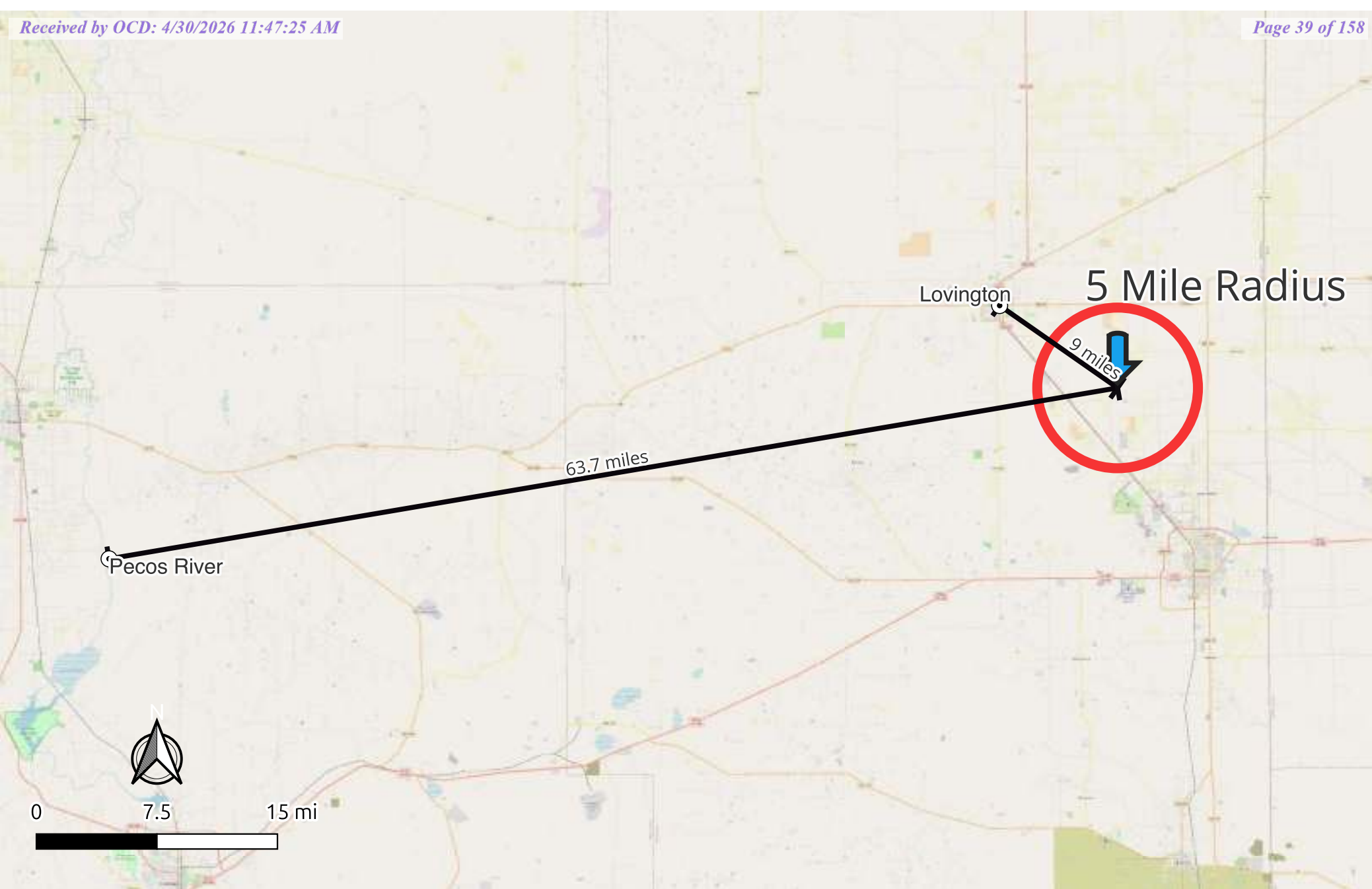
Topographical Information



TEXLAND PETROLEUM-HOBBS, LLC
LEA YL STATE #002
Incident #NOY1707247923
32.867981,-103.222923 NAD83
Lease #B002430006






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



TEXLAND PETROLEUM-HOBBS, LLC
LEA YL STATE #002
Incident #NOY1707247923
32.867981,-103.222923 NAD83
Lease #B002430006



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

-  Release Point
-  Occupied Residence
-  Wetland



TEXLAND PETROLEUM-HOBBS, LLC
 LEA YL STATE #002
 Incident #NOY1707247923
 32.867981,-103.222923 NAD83
 Lease #B002430006

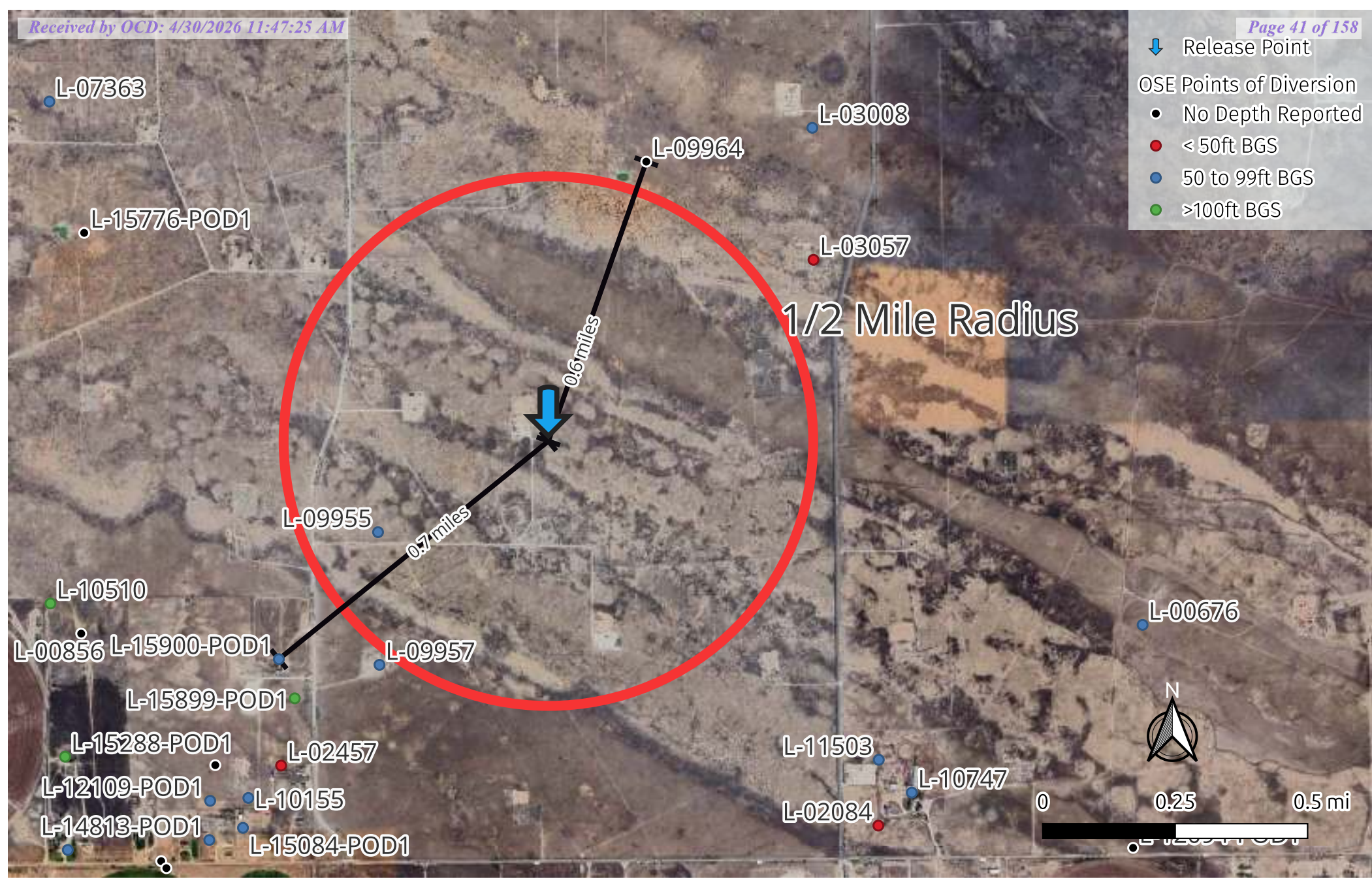


Diamondback Disposal
 Services, Inc
 P.O. Box 2491
 Hobbs, NM 88241
 575-392-9996

↓ Release Point

OSE Points of Diversion

- No Depth Reported
- < 50ft BGS
- 50 to 99ft BGS
- >100ft BGS



TEXLAND PETROLEUM-HOBBS, LLC
 LEA YL STATE #002
 Incident #NOY1707247923
 32.867981,-103.222923 NAD83
 Lease #B002430006




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

Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE
quarters are smallest to largest

NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
	L 09955		SW	NW	02	17S	37E	665741.0	3637774.0 *	

* UTM location was derived from PLSS - see Help

Driller License:	421	Driller Company:	GLENN'S WATER WELL SERVICE		
Driller Name:	GLENN, CLARK A."CORKY" (LD)				
Drill Start Date:	1987-10-06	Drill Finish Date:	1987-10-06	Plug Date:	
Log File Date:	1987-10-09	PCW Rcv Date:		Source:	Shallow
Pump Type:		Pipe Discharge Size:		Estimated Yield:	120
Casing Size:	6.63	Depth Well:	160	Depth Water:	65

Water Bearing Stratifications:

Top	Bottom	Description
57	160	Other/Unknown

Casing Perforations:

Top	Bottom
75	150

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

8/14/25 11:13 AM MST


Point of Diversion Summary

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Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE
quarters are smallest to largest

NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
21F5C	L 15900 POD1	NE	NE	SE	03	17S	37E	665442.1	3637386.2	

* UTM location was derived from PLSS - see Help

Driller License:	1755	Driller Company:	HUNGRY HORSE, LLC.		
Driller Name:	JOHN NORRIS				
Drill Start Date:	2025-06-12	Drill Finish Date:	2025-06-13	Plug Date:	
Log File Date:	2025-07-03	PCW Rcv Date:		Source:	Shallow
Pump Type:		Pipe Discharge Size:		Estimated Yield:	68
Casing Size:	5.00	Depth Well:	192	Depth Water:	68

Water Bearing Stratifications:

Top	Bottom	Description
59	98	Sandstone/Gravel/Conglomerate
98	105	Sandstone/Gravel/Conglomerate
105	183	Sandstone/Gravel/Conglomerate
183	188	Sandstone/Gravel/Conglomerate
188	192	Sandstone/Gravel/Conglomerate

Casing Perforations:

Top	Bottom
152	192

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

Appendix C

Site Delineation Mapping and Summary Report

LEA YL STATE #002 – NOY1707247923




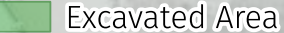
Wall Summary

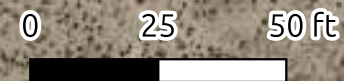
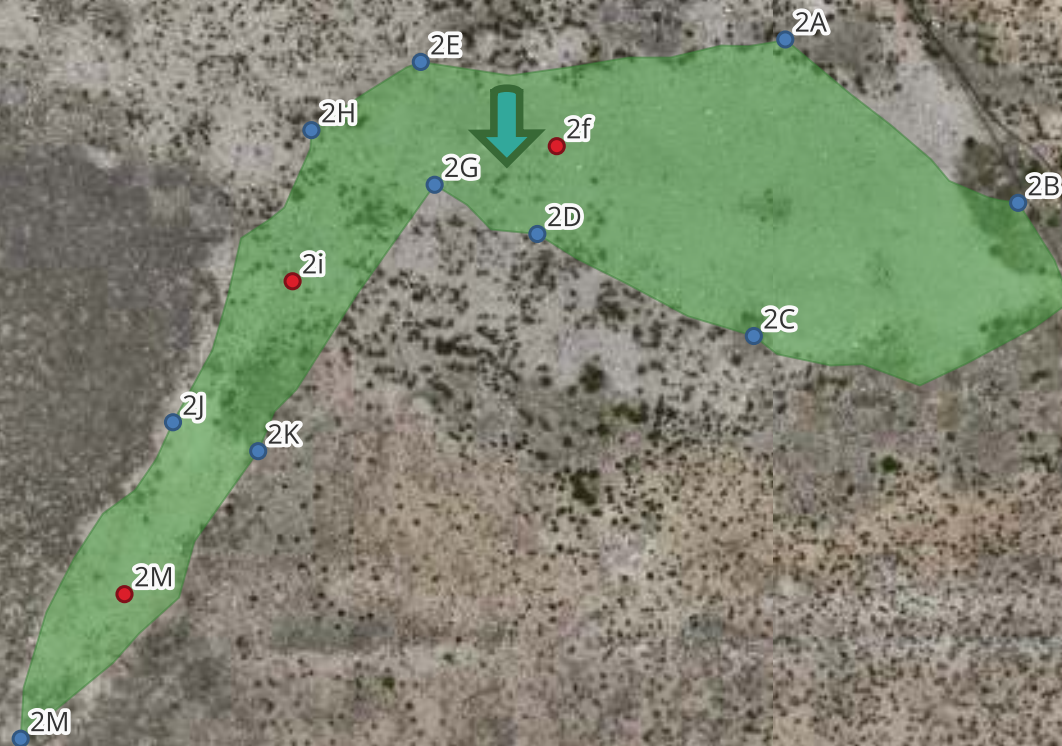
SAMPLE ID	LAB ID NUMBER	SAMPLE DEPTH	SAMPLE DATE	BENZENE	TOLUENE (mg/kg)	ETHYL-BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)	TOTAL BTEX (mg/kg)	GRO C6-C10 (mg/kg)	DRO C10-C28 (mg/kg)	EXT DRO C28-C36 (mg/kg)	TOTAL TPH C6-C36 (mg/kg)	CHLORIDE
2A	5555530-01	0-4'6"	6/16/17	NT	NT	NT	NT	NT	<3.94	<25.0	<25.0	<25.0	<25.0
2B	5555530-02	0-4'6"	6/16/17	NT	NT	NT	NT	NT	<3.78	<25.0	<25.0	<10.0	<25.0
2C	5555530-03	0-4'6"	6/16/17	NT	NT	NT	NT	NT	<3.75	<25.0	<25.0	<25.0	<25.0
2D	5555530-04	0-4'6"	6/16/17	NT	NT	NT	NT	NT	<3.84	<25.0	<25.0	<25.0	<25.0
2E	5555530-05	0-4'6"	6/16/17	NT	NT	NT	NT	NT	<3.86	<25.0	<25.0	<25.0	<25.0
2G	5555530-07	0-2'2"	6/16/17	NT	NT	NT	NT	NT	<3.99	<25.0	<25.0	<25.0	<25.0
2H	5555530-08	0-2'2"	6/16/17	NT	NT	NT	NT	NT	<3.88	<25.0	<25.0	<25.0	<25.0
2J	5555530-10	0-2'	6/16/17	NT	NT	NT	NT	NT	<3.92	<25.0	<25.0	<25.0	<25.0
2K	5555530-11	0-2'	6/16/17	NT	NT	NT	NT	NT	<3.72	<25.0	<25.0	<25.0	<25.0
2M	5555530-13	0-2'	6/16/17	NT	NT	NT	NT	NT	<3.95	<25.0	<25.0	<25.0	<25.0

LEA YL STATE #002 – NOY1707247923

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
2F	555530-006	4'6"	6/16/17	NT	NT	NT	NT	NT	90.5	510	280	880.5	31.9
2I	555530-009	2'2"	6/16/17	NT	NT	NT	NT	NT	<7.05	340	110	450	<25.0
2L	555530-012	2'2"	6/16/17	NT	NT	NT	NT	NT	<7.69	560	330	890	<25.0

-  Release Point
-  Wall Sample
-  Floor Samples
-  Excavated Area



TEXLAND PETROLEUM-HOBBS, LLC
 LEA YL STATE #002
 Incident #NOY1707247923
 32.867981,-103.222923 NAD83
 Lease #B002430006



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

Appendix D Site Photography And Field Notes



Figure 1



Figure 2



Figure 3



Figure 4



Figure 5



Figure 6



Figure 7



04 05 2017

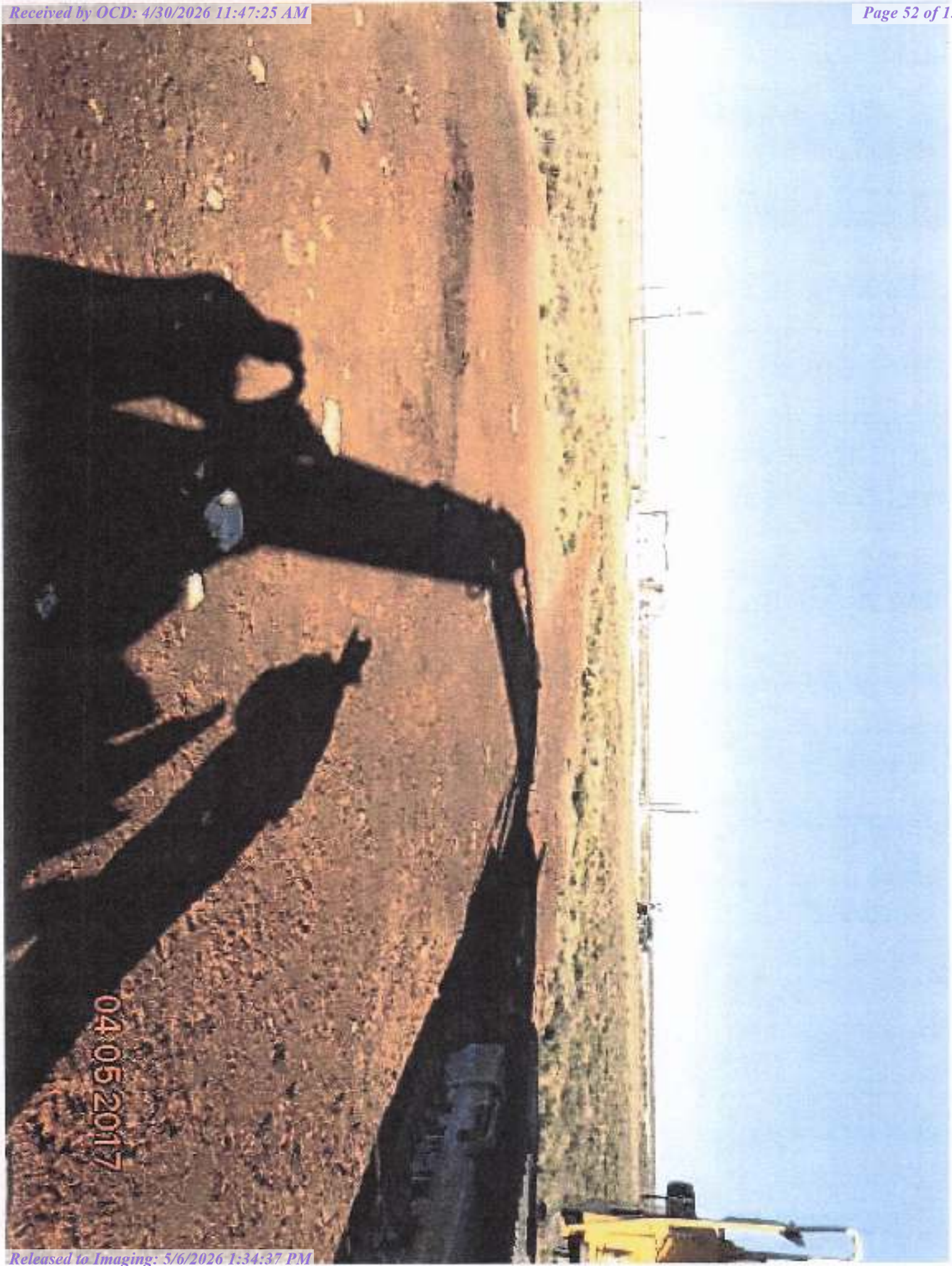


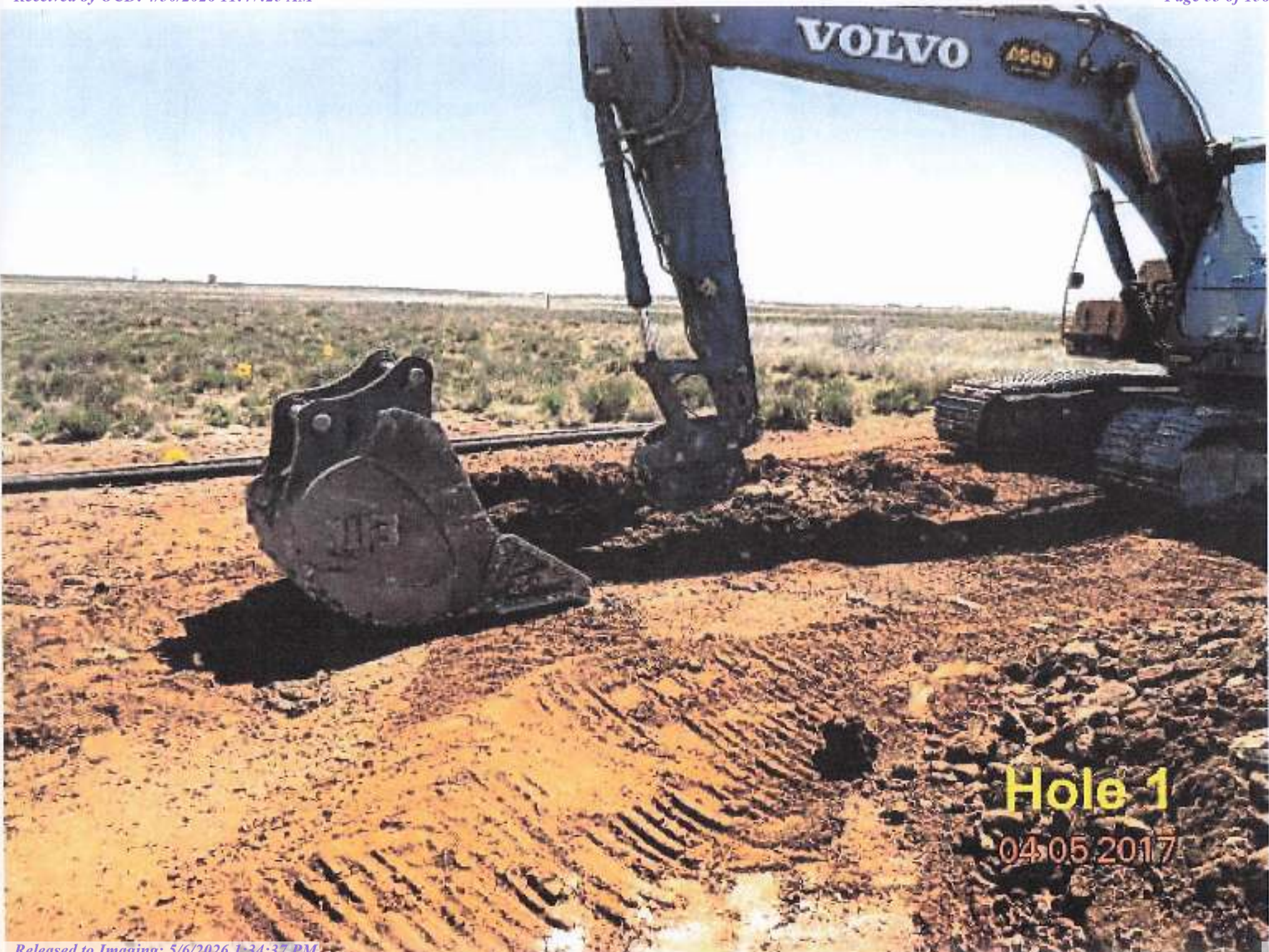
04 05 2017



04 05 2017

04:05:2017





Hole 1
04-05-2017

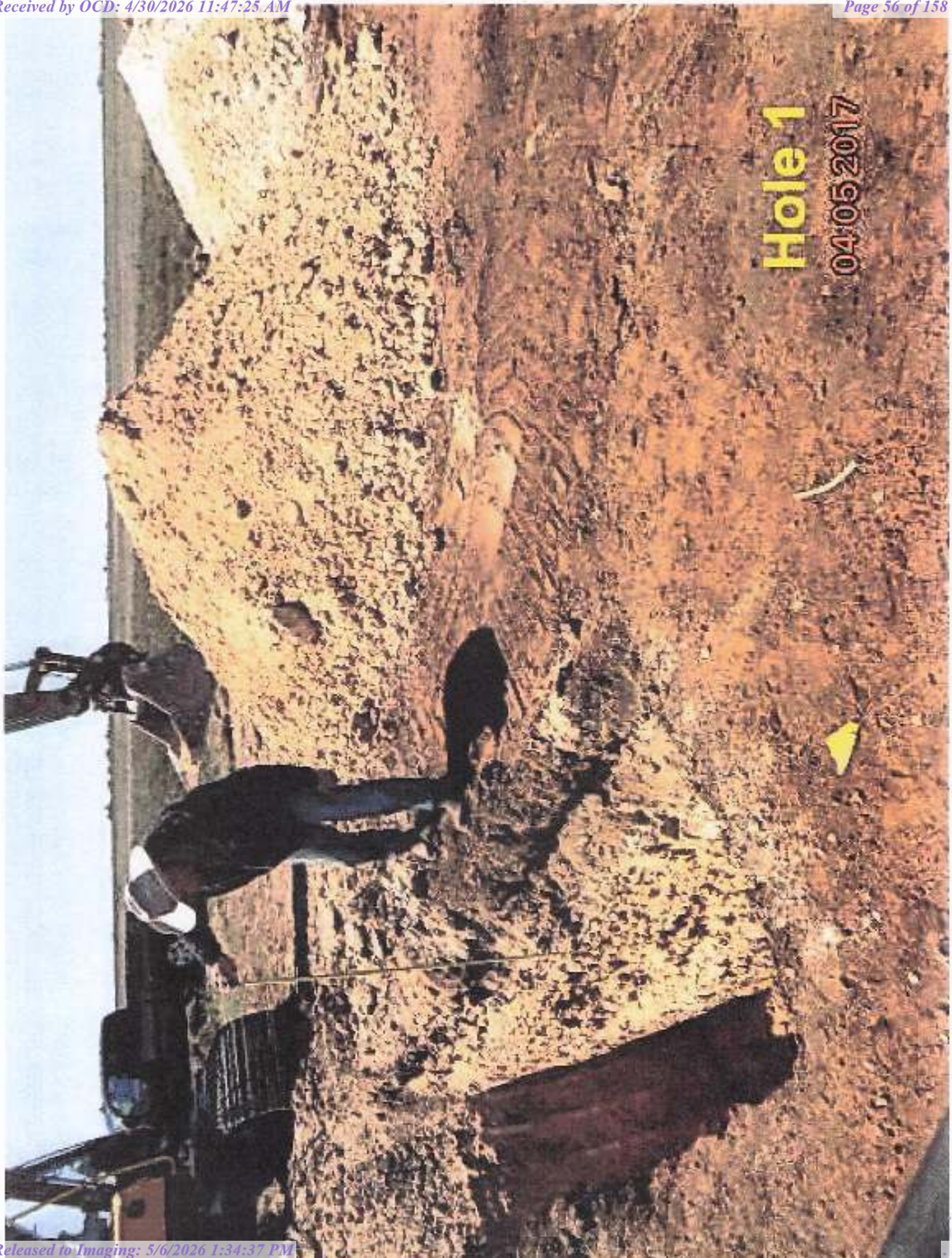


Hole 1
04-05-2017

04 05 2017

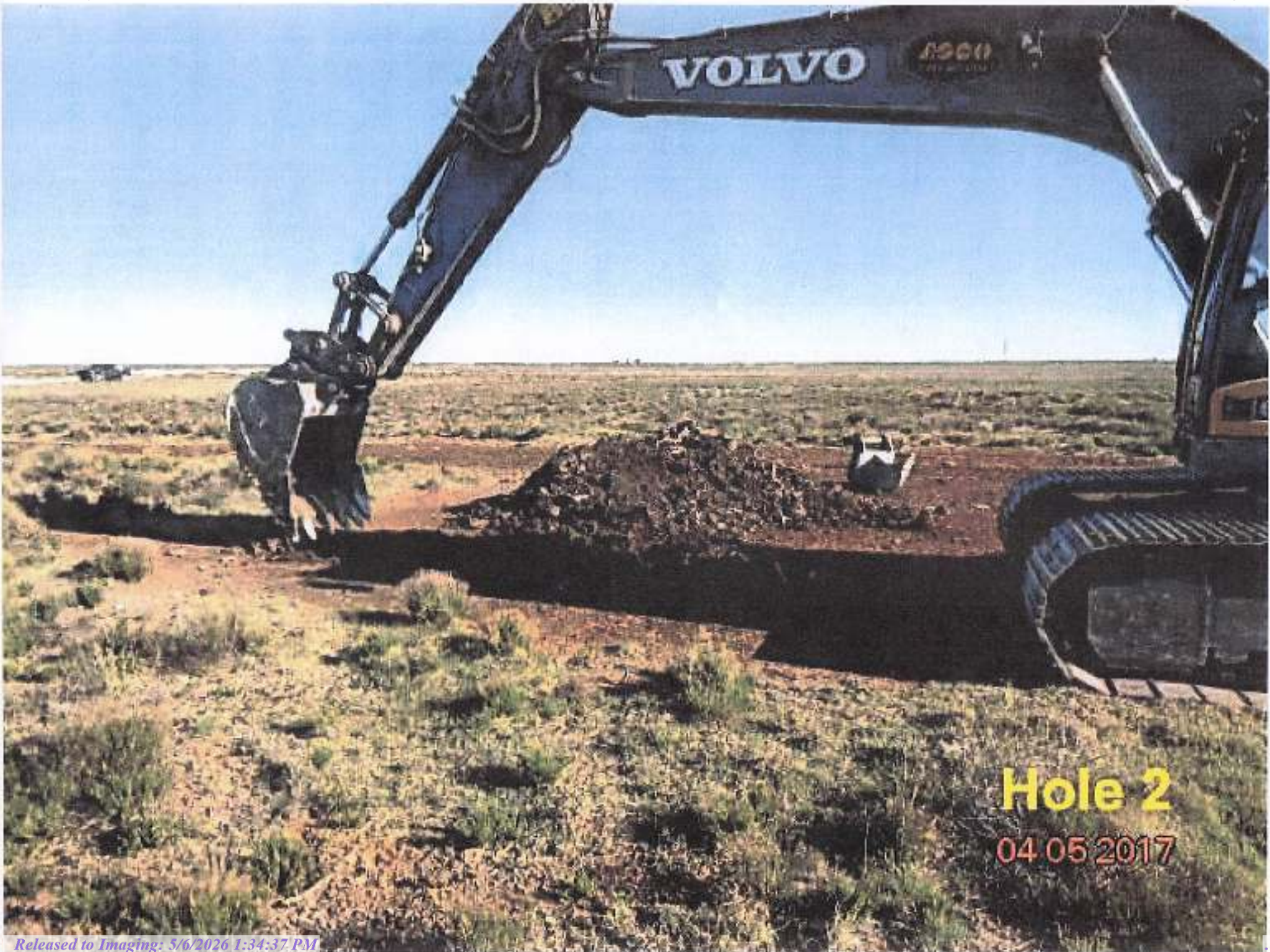
HOLE 1





Hole 1

04/05/2017



Hole 2

04 05 2017



Hole 2

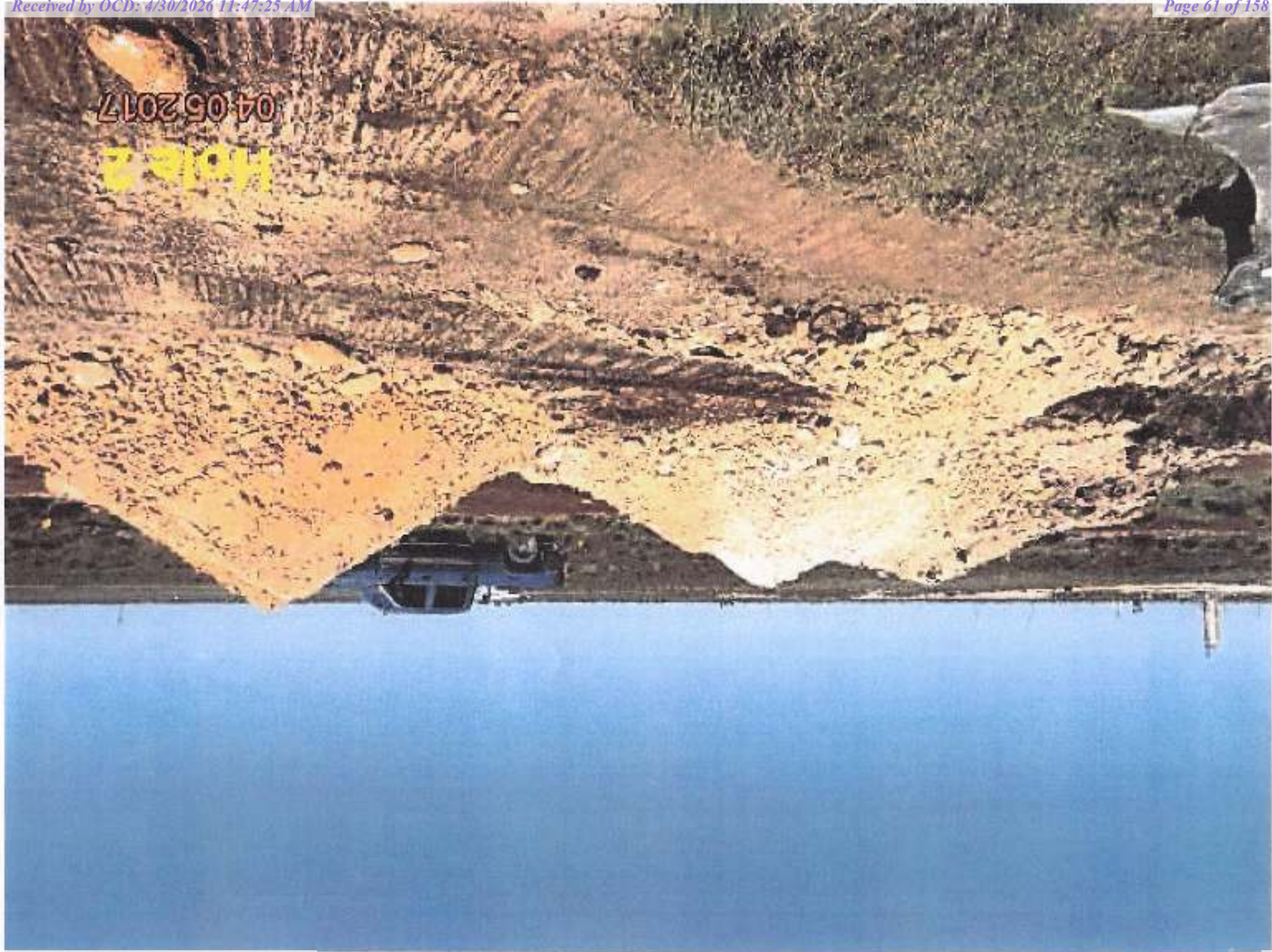
04 05 2017



Hole 2
04 05 2017



Hole 2
04 05 2017



04 05 2017

HOLE 2

04 05 2017





Hole 3
04 05 2017

04 05 2017
Hole 3

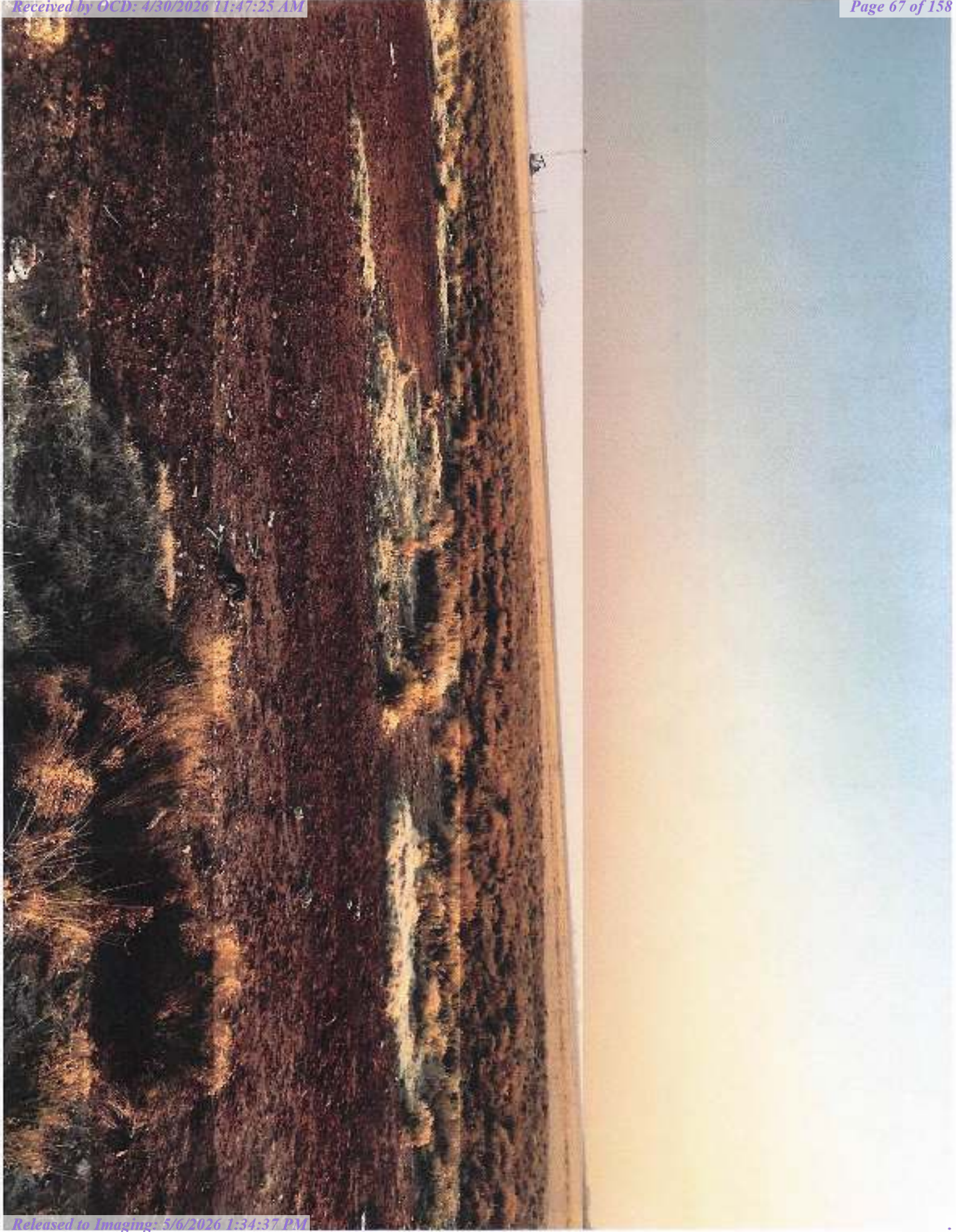


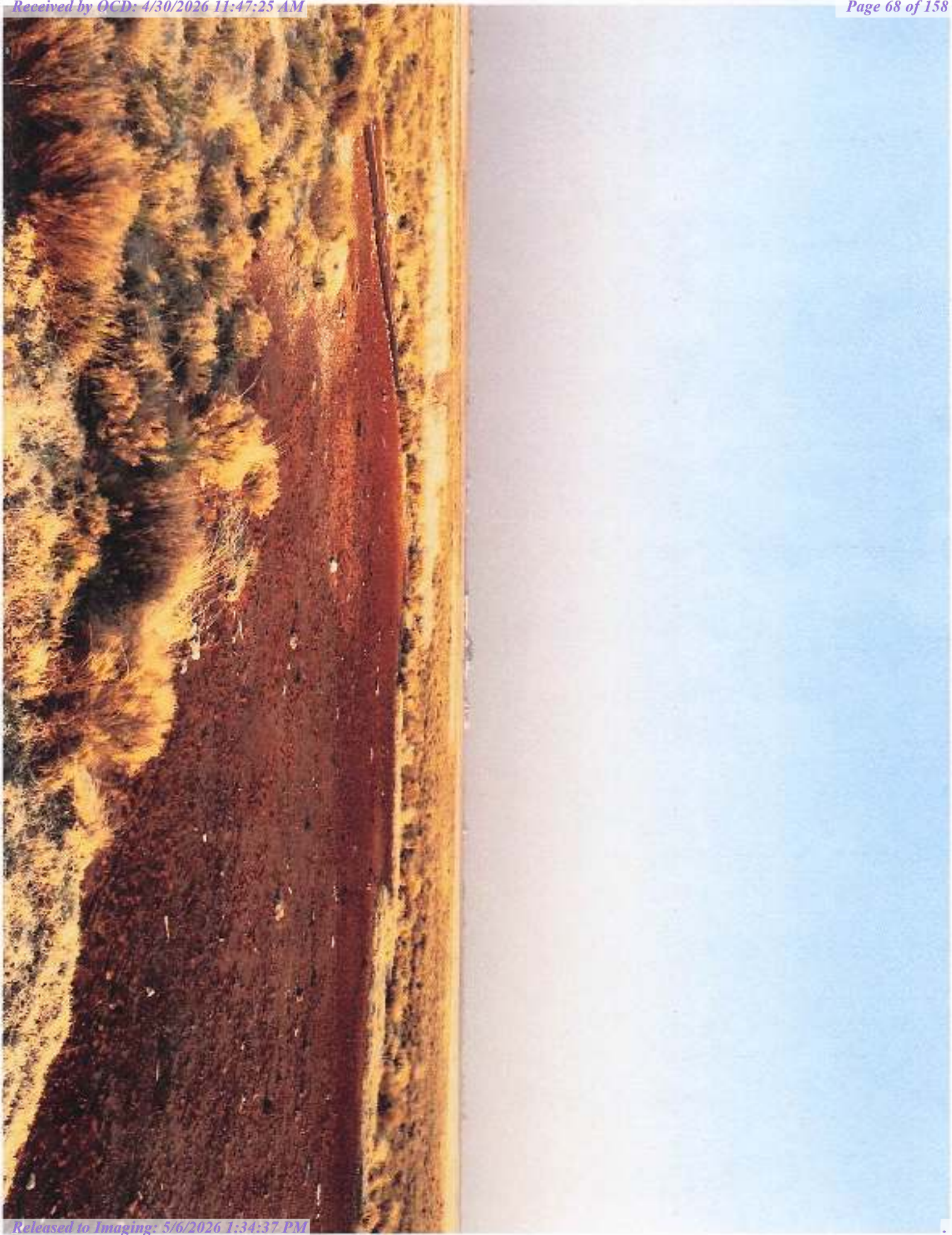


Hole 4
04 05 2017



Hole 4
04:05:2017





IN CASE OF EMERGENCY
 CALL COLLECT:
 TEXLAND PETROLEUM
 1-800-894-4316

TEXLAND PETROLEUM
 HOBBS LLC
 UNIT C, SEC. 2-T17S-R37E
 LEA COUNTY, NM

CRUDE OIL
 61082
 40425

CAUTION
 H2
 MAY BE

LEA LAND, LLC

OIL FIELD WASTE LANDFILL

1300 W. MAIN STREET
OKLAHOMA CITY, OK 73106

PHONE: 405-236-4257

FAX: 405-236-4261

Bill To:

KIRK JACKSON
TEXLAND PETROLEUM
6812 WAYNE AVE. #F
LUBBOCK, TX 79424

INVOICE # 24092

Date: 6/2/2017

Project No:

Charge to: Lea Y L State #2

5/25/17

Date(s) of Service: 5/24/2017

Manifest #: See Attached List

Ship Via: Wild West Services

Qty	U/M	Description	Unit Price	Total
572.66	Tons	Non-regulated & non-hazardous waste (soil)	\$20.00	\$11,453.20
		Landfill located at Carlsbad, NM		

TERMS: NET 30

RECEIVED JUN 14 2017

Subtotal	\$11,453.20
Sales tax rate	5.500%
Sales tax	\$629.93
Total	\$12,083.13

Make all checks payable to LEA LAND, LLC

If you have any questions concerning this invoice, please contact:

Saralyn Hall at 405-519-1187 E-mail: shall119@cox.net

Thank you for your business!

AFE # 2617
8721-39
RKJ

Texland Petroleum Weights Statement - Total Received

<i>Receive Date</i>	<i>Manifest Number</i>	<i>Lease Name</i>	<i>Weight (lbs.)</i>	<i>Weight (Tons)</i>
5/25/2017	118187	Lea L Y State #2	121,000	60.50
5/25/2017	118194	Lea L Y State #2	184,580	92.29
5/25/2017	118195	Lea L Y State #2	189,660	94.83
5/25/2017	118196	Lea L Y State #2	139,340	69.67
5/25/2017	118197	Lea L Y State #2	202,920	101.46
5/25/2017	118198	Lea L Y State #2	137,440	68.72
5/25/2017	118204	Lea L Y State #2	170,380	85.19
			1,145,320	572.66
			<i>lbs.</i>	<i>Tons</i>

Lea Land Landfill New Mexico
 Mile Market # 64 US Highway 62/180
 30 miles East of Carlsbad, NM * (505) 887-4048

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

Wild West

NON-HAZARDOUS WASTE MANIFEST

NO 118187

1. PAGE ___ OF ___

2. TRAILER NO. *07*

3. COMPANY NAME Lea Land Petroleum, LLC	4. ADDRESS 2258 NW 2500 St Seminole TX 79960	5. PICK-UP DATE 5/24/2017
		6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
	1 CM			
	b.			
	c.			
d. 48,480 50,960 51,560				

12. COMMENTS OR SPECIAL INSTRUCTIONS: **LEA Y L STATE #2 To 121,000**

13. WASTE PROFILE NO.

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME KIN SLAUGHTER	PHONE NO 575-887-4048	24-HOUR EMERGENCY NO.
------------------------------	---------------------------------	-----------------------

15. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE
--------------------	-----------	------

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME: WILDWEST SVC. LL	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: EREMY GONZALES (575) 849-5477	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:

18. TRANSPORTER (1): Acknowledgment of receipt of material	19. TRANSPORTER (2): Acknowledgment of receipt of material
PRINTED/TYPED NAME: JORGE KAWAHARA	PRINTED/TYPED NAME
SIGNATURE: <i>Jorge Kawahara</i>	SIGNATURE
DATE: 5/24/2017	DATE

DISPOSAL FACILITY	ADDRESS:	PHONE:
Lea Land, LLC	Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	575-887-4048

PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS
---	--------------

21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE: <i>Santos Donzalis</i>	CELL NO.	DATE: 5/24/2017	TIME: 9:30
--	----------	------------------------	-------------------

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

I + W

NON-HAZARDOUS WASTE MANIFEST

NO 118194

1. PAGE ___ OF ___

2. TRAILER NO. 08

G E N E R A T O R	3. COMPANY NAME Texland Petroleum, LP	4. ADDRESS Frankel City, Hiway	5. PICK-UP DATE 5/25/2017
	PHONE NO. (432) 758-2881	CITY STATE ZIP Seminole TX 79360	6. TNRCC I.D. NO.

N E R E	7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS		9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
		No.	Type			
	Non-Regulated, Non-Hazardous Waste	1	CM			
	b. 48280					
	c.					
	d. 47,120 46,720 42,460					

A	12. COMMENTS OR SPECIAL INSTRUCTIONS: LEA-Y L STATE #2	13. WASTE PROFILE NO. T@ 184,580
---	--	--

T	14. IN CASE OF EMERGENCY OR SPILL, CONTACT		
	NAME	PHONE NO	24-HOUR EMERGENCY NO.
	KIN SLAUGHTER	575-887-4048	

15. GENERATOR'S CERTIFICATION: I Herby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

R	PRINTED/TYPED NAME	SIGNATURE	DATE
---	--------------------	-----------	------

T R A N S P O R T E R S	16. TRANSPORTER (1)	17. TRANSPORTER (2)
	NAME: WLDWEST-SVC, LL	NAME:
	TEXAS I.D. NO.	TEXAS I.D. NO.
	IN CASE OF EMERGENCY CONTACT: JEREMY GONZALES	IN CASE OF EMERGENCY CONTACT:
	EMERGENCY PHONE: (575) 849-5477	EMERGENCY PHONE:

D I S P O S I T O R Y	18. TRANSPORTER (1): Acknowledgment of receipt of material	19. TRANSPORTER (2): Acknowledgment of receipt of material
	PRINTED/TYPED NAME Jose Avalos	PRINTED/TYPED NAME _____
	SIGNATURE Jose Avalos DATE 5/25/2017	SIGNATURE _____ DATE _____

D I S P O S I T O R Y	Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
---	---------------	---	---------------------

D I S P O S I T O R Y	PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS
---	--	--------------

21. DISPOSAL FACILITY'S CERTIFICATION: I Herby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

D I S P O S I T O R Y	AUTHORIZED SIGNATURE Santa Gonzalez	CELL NO.	DATE 5/25/2017	TIME 8:05
---	--	----------	-----------------------	------------------

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

JHW

NON-HAZARDOUS WASTE MANIFEST

NO 118195

1. PAGE ___ OF ___

2. TRAILER NO. *09*

G E N E R A T O R	3. COMPANY NAME Textland Petroleum, LP	4. ADDRESS Frankel City, Hiway	5. PICK-UP DATE 5/25/2017			
	PHONE NO. (432) 758-2981	CITY STATE ZIP Seminole TX 79360	6. TNRCC I.D. NO.			
N E R E G I S T E R E D	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
	a. Non-Regulated, Non Hazardous Waste		1 CM			
	b. 49,180					
	c. 50,540 44,620 45,320					
A U T H O R I Z E D	12. COMMENTS OR SPECIAL INSTRUCTIONS: LEA, Y.L. STATE # 2		13. WASTE PROFILE NO. To 189,660			
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT					
T R A N S P O R T E R S	NAME KIN-SLAUGHTER		PHONE NO. 575-887-4048	24-HOUR EMERGENCY NO.		
	15. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC					
D I S P O S I T O R	PRINTED/TYPED NAME		SIGNATURE		DATE	
	16. TRANSPORTER (1) NAME: WLDWEST SVC, LLC TEXAS I.D. NO. _____ IN CASE OF EMERGENCY CONTACT: JEREMY GONZALES EMERGENCY PHONE: (575) 849-5477		17. TRANSPORTER (2) NAME: _____ TEXAS I.D. NO. _____ IN CASE OF EMERGENCY CONTACT: _____ EMERGENCY PHONE: _____		18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME Oscar Soto SIGNATURE <i>Oscar Soto</i> DATE 5/25/2017	
D I S P O S I T O R	19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME _____ SIGNATURE _____ DATE _____		ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM			
	16. TRANSPORTER (1) NAME: Lea Land, LLC		PHONE: 575-887-4048		20. COMMENTS	
D I S P O S I T O R	PERMIT NO. WM-01-035 - New Mexico		21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.			
	AUTHORIZED SIGNATURE <i>Antonia Gonzalez</i>		CELL NO. _____	DATE 5/25/2017	TIME 8:10	

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

ITW
2. TRAILER NO. *02*

NON-HAZARDOUS WASTE MANIFEST

NO **118196**

1. PAGE ___ OF ___

2. TRAILER NO. *02*

G	3. COMPANY NAME <i>Texland Petroleum, LP</i>	4. ADDRESS <i>Frankel City, Hiway</i>	5. PICK-UP DATE <i>5/25/2017</i>
	PHONE NO. <i>(432) 758-2981</i>	CITY STATE ZIP <i>Seminole TX 79360</i>	6. TNRCC I.D. NO.

N	7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS		9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
		No.	Type			
E	<i>Non-Regulated, Non Hazardous Waste</i>	<i>1</i>	<i>CM</i>			
R	<i>d. 50,840 45,080 43,420</i>					

12. COMMENTS OR SPECIAL INSTRUCTIONS: <i>LEA-Y-L STATE #2</i>	13. WASTE PROFILE NO. <i>To 139,340</i>
--	--

14. IN CASE OF EMERGENCY OR SPILL, CONTACT		
NAME <i>KIN SLAUGHTER</i>	PHONE NO. <i>575-887-4048</i>	24-HOUR EMERGENCY NO.

15. GENERATOR'S CERTIFICATION: I Herby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE
--------------------	-----------	------

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME: <i>WLDWEST SVC, LL</i>	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: <i>JEREMY GONZALES</i>	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE: <i>(575) 640-5477</i>	EMERGENCY PHONE:

18. TRANSPORTER (1): Acknowledgment of receipt of material	19. TRANSPORTER (2): Acknowledgment of receipt of material
PRINTED/TYPED NAME <i>Jose Luis Ramirez</i>	PRINTED/TYPED NAME
SIGNATURE <i>[Signature]</i>	SIGNATURE
DATE <i>5/25/2017</i>	DATE

D	Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
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PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS
--------------------------------------	--------------

21. DISPOSAL FACILITY'S CERTIFICATION: I Herby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE <i>Santa Gonzalez</i>	CELL NO.	DATE <i>5/25/2017</i>	TIME <i>8:15</i>
---	----------	--------------------------	---------------------

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST

NO 118197

1. PAGE ___ OF ___

2. TRAILER NO. **07**

G E N E R A T O R	3. COMPANY NAME Texland Petroleum, LP	4. ADDRESS Frankel City, Hiway	5. PICK-UP DATE 5/25/2017			
	PHONE NO. (432) 758-2981	CITY STATE ZIP Seminole TX 79360	6. TNRCC I.D. NO.			
N E E R S	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
	a. Non-Regulated, Non-Hazardous Waste		1 CM			
	b. 52,000					
	c. 55,680 50,640 44,600					
A T T R I B U T E R S	12. COMMENTS OR SPECIAL INSTRUCTIONS: LEA-Y L STATE #2		13. WASTE PROFILE NO. TP 202920			
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT					
O R I G I N A L S	NAME		PHONE NO	24-HOUR EMERGENCY NO.		
	KIN-SLAUGHTER		575-887-4048			
R E C E I V E R	15. GENERATOR'S CERTIFICATION: I Herby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC					
	PRINTED/TYPED NAME		SIGNATURE		DATE	
T R A N S P O R T E R S	16. TRANSPORTER (1)			17. TRANSPORTER (2)		
	NAME: WLDWEST SVC, LL			NAME:		
	TEXAS I.D. NO.			TEXAS I.D. NO.		
	IN CASE OF EMERGENCY CONTACT: JEREMY GONZALES			IN CASE OF EMERGENCY CONTACT:		
D I S P O S I T O R S	EMERGENCY PHONE: (575) 849-5477			EMERGENCY PHONE:		
	18. TRANSPORTER (1): Acknowledgment of receipt of material			19. TRANSPORTER (2): Acknowledgment of receipt of material		
L Y	PRINTED/TYPED NAME Guadalupe Regs		PRINTED/TYPED NAME		DATE	
	SIGNATURE Guadalupe Regs DATE 5/25/2017		SIGNATURE		DATE	
D I S P O S I T O R S	Lea Land, LLC		ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM		PHONE: 575-887-4048	
	PERMIT NO. WM-01-035 - New Mexico		20. COMMENTS			
L Y	21. DISPOSAL FACILITY'S CERTIFICATION: I Herby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.					
	AUTHORIZED SIGNATURE Santos Monzalez		CELL NO.		DATE 5/25/2017	TIME 8:35

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

Wild West

NON-HAZARDOUS WASTE MANIFEST

NO **118198**

1. PAGE OF

2. TRAILER NO. **07**

G E N E R A T O R	3. COMPANY NAME Texland Petroleum, LP	4. ADDRESS Frankel City, Hiway	5. PICK-UP DATE 5/25/2017
	PHONE NO. (432) 758-2881	CITY STATE ZIP Seminole TX 79360	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS		9. TOTAL	10. UNIT	11. TEXAS
	No.	Type	QUANTITY	Wt/Vol.	WASTE ID #
Non-Regulated, Non Hazardous Waste	1	CM			
b. 40, LLD					
c.					
d. 40, LLD 40, LLD 50, LLD					

12. COMMENTS OR SPECIAL INSTRUCTIONS: LEA-Y L STATE # 2	13. WASTE PROFILE NO. 137440 T@ 178,500
---	---

14. IN CASE OF EMERGENCY OR SPILL, CONTACT		
NAME	PHONE NO	24-HOUR EMERGENCY NO.
KIN SLAUGHTER	575-887-4048	

15. GENERATOR'S CERTIFICATION: I Herby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE
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16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME: WLDWEST SVC, LL	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: JEREMY GONZALES	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE: (575) 649-5477	EMERGENCY PHONE:

18. TRANSPORTER (1): Acknowledgment of receipt of material	19. TRANSPORTER (2): Acknowledgment of receipt of material
PRINTED/TYPED NAME Jorge Kawana	PRINTED/TYPED NAME _____
SIGNATURE Jorge Kawana DATE 5/25/2017	SIGNATURE _____ DATE _____

DISPOSAL SITE: Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
-------------------------------------	--	----------------------------

PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS
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21. DISPOSAL FACILITY'S CERTIFICATION: I Herby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE Santos Gonzalez	CELL NO.	DATE 5/25/2017	TIME 8:45
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LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

Wild West

NON-HAZARDOUS WASTE MANIFEST

NO 118204

1. PAGE ___ OF ___

2. TRAILER NO. *08*

GENERATOR	3. COMPANY NAME Texland Petroleum, LP		4. ADDRESS Frankel City, Hiway			5. PICK-UP DATE 5/25/2017			
	PHONE NO. (432) 758-2981		CITY Seminole	STATE TX	ZIP 79360	6. TNRCC I.D. NO.			
RECEIVER	7. NAME OR DESCRIPTION OF WASTE SHIPPED:					8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
	a. Non-Regulated, Non Hazardous Waste					1	CM		
	b. <i>40,280</i>								
	d. <i>46,380 42,660 4,060</i>								
ACTOR	12. COMMENTS OR SPECIAL INSTRUCTIONS: LEA V L STATE # 2					13. WASTE PROFILE NO.			
	<i>T@ 170,380</i>								
TRANSPORTER	14. IN CASE OF EMERGENCY OR SPILL, CONTACT								
	NAME KIN SLAUGHTER			PHONE NO 575-887-4048			24-HOUR EMERGENCY NO.		
OR	15. GENERATOR'S CERTIFICATION: I Herby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC								
	PRINTED/TYPED NAME				SIGNATURE			DATE	
TRANSPORTERS	16. TRANSPORTER (1)				17. TRANSPORTER (2)				
	NAME: WILDWEST SVC, LL				NAME:				
	TEXAS I.D. NO.				TEXAS I.D. NO.				
	IN CASE OF EMERGENCY CONTACT: JEREMY GONZALES				IN CASE OF EMERGENCY CONTACT:				
DISPOSAL	EMERGENCY PHONE: (575) 849-5477				EMERGENCY PHONE:				
	18. TRANSPORTER (1): Acknowledgment of receipt of material				19. TRANSPORTER (2): Acknowledgment of receipt of material				
	PRINTED/TYPED NAME <i>Benjamin Alvarado</i>				PRINTED/TYPED NAME				
SITE	SIGNATURE <i>Benjamin Alvarado</i>				SIGNATURE				
	DATE 5/25/2017				DATE				
	Lea Land, LLC				ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM			PHONE: 575-887-4048	
FACTORY	PERMIT NO. WM-01-035 - New Mexico				20. COMMENTS				
	21. DISPOSAL FACILITY'S CERTIFICATION: I Herby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.								
AUTHORIZED SIGNATURE	AUTHORIZED SIGNATURE <i>Santa Gonzalez</i>			CELL NO.		DATE 5/25/2017		TIME 8:45	

Appendix E

Communications

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

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

Form C-141
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR Initial Report Final Report

Name of Company	Texland Petroleum-Hobbs,, LLC	Contact	Vickie Smith
Address	777 Main St, Ste 3200, Fort Worth, TX 76102	Telephone No.	575-433-8395
Facility Name	Lea YL Battery	Facility Type	Battery

Surface Owner	Private	Mineral Owner	State	API No.	30-025-31005
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LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the Est	North/South Line	Feet from the Est	East/West Line	County
C	2	17S	37E	940'	North	2210'	West	Lea

Latitude _____ Longitude _____

NATURE OF RELEASE

Type of Release	Historic release - oil and possible produced water	Volume of Release	unknown	Volume Recovered	unknown
Source of Release	flow line	Date and Hour of Occurrence	n/a	Date and Hour of Discovery	n/a
Was Immediate Notice Given?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?			
By Whom?		Date and Hour	unknown		
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			

If a Watercourse was Impacted, Describe Fully.*

RECEIVED
By Olivia Yu at 9:50 am, Mar 13, 2017

Describe Cause of Problem and Remedial Action Taken.*


Historic release – repaired or replaced flowline connection

Describe Area Affected and Cleanup Action Taken.*

Known clean up: Ranch land – the affected area has been excavated an est 1-2' twice and replaced by clean soil. Texland will obtain BCC's services for this environmental clean-up. They will assess the location and provide Texland written "Plan of Action" needed to comply w/ NMOCD and the State Land Office's requirements. Texland will then submit this plan for approval.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

OIL CONSERVATION DIVISION

Signature:	Approved by Environmental Specialist: 	
Printed Name: Vickie Smith	Approval Date: 3/13/2017	Expiration Date:
Title: Regulatory Analyst	Conditions of Approval: see attached directive	Attached <input checked="" type="checkbox"/>
E-mail Address: vsmith@texpetro.com	Date: 3/10/17	Phone: 575-433-8395

* Attach Additional Sheets If Necessary

1RP-4642 nOY1707247923 pOY1707248297

Operator/Responsible Party,

The OCD has received the form C-141 you provided on 3/13/2017 regarding an unauthorized release. The information contained on that form has been entered into our incident database and remediation case number 1R-4642 has been assigned. **Please refer to this case number in all future correspondence.**

It is the Division's obligation under both the Oil & Gas Act and Water Quality Act to provide for the protection of public health and the environment. Our regulations (19.15.29.11 NMAC) state the following,

The responsible person shall complete division-approved corrective action for releases that endanger public health or the environment. The responsible person shall address releases in accordance with a remediation plan submitted to and approved by the division or with an abatement plan submitted in accordance with 19.15.30 NMAC. [emphasis added]

Release characterization is the first phase of corrective action unless the release is ongoing or is of limited volume and all impacts can be immediately addressed. Proper and cost-effective remediation typically cannot occur without adequate characterization of the impacts of any release. Furthermore, the Division has the ability to impose reasonable conditions upon the efforts it oversees. **As such, the Division is requiring a workplan for the characterization of impacts associated with this release be submitted to the OCD District 1 office in Hobbs on or before 3/13/2017. If and when the release characterization workplan is approved, there will be an associated deadline for submittal of the resultant investigation report. Modest extensions of time to these deadlines may be granted, but only with acceptable justification.**

The goals of a characterization effort are: 1) determination of the lateral and vertical extents along with the magnitude of soil contamination. 2) determine if groundwater or surface waters have been impacted. 3) If groundwater or surface waters have been impacted, what are the extents and magnitude of that impact. 4) The characterization of any other adverse impacts that may have occurred (examples: impacts on vegetation, impacts on wildlife, air quality, loss of use of property, etc.). To meet these goals as quickly as possible, the following items must, at a minimum, be addressed in the release characterization workplan and subsequent reporting:

- Horizontal delineation of soil impacts in each of the four cardinal compass directions. Adsorbed soil contamination must be characterized for the following constituents using the associated laboratory methods: benzene, toluene, ethylbenzene, and total xylenes by either Method 8260 or 8021, total petroleum hydrocarbons by Method 8015 extended range (GRO+DRO+MRO; C₆ thru C₃₆), and for chloride by Method 300. This is not an exclusive list of potential contaminants. Analyzed parameters should be modified based on the nature of the released substance(s). Soil sampling must be both within the impacted area and beyond.
- Vertical delineation of soil impacts. Adsorbed soil contamination must be characterized for the following constituents using the associated laboratory methods: benzene, toluene, ethylbenzene, and total xylenes by either Method 8260 or 8021, total petroleum hydrocarbons by Method 8015 extended range (GRO+DRO+MRO; C₆ thru C₃₆), and for chloride by Method 300. As above, this is not an exclusive list of potential contaminants and can be modified. Vertical characterization samples should be taken at depth intervals no greater than five feet apart. Lithologic description of encountered soils must also be provided. At least ten vertical feet of soils with contaminant concentrations at or below these values must be demonstrated as existing above the water table.
- Nominal detection limits for field and laboratory analyses must be provided.
- Composite sampling is not generally allowed.
- Field screening and assessment techniques are acceptable (headspace, titration, EC [include algorithm for validation purposes], EM, etc.), but the sampling and assay procedures must be clearly defined. Copies of field notes are highly desirable. A statistically significant set of split samples must be submitted for confirmatory laboratory analysis, including the laterally farthest and vertically deepest sets of soil samples. Make sure there are at least two soil samples submitted

for laboratory analysis from each borehole or test pit (highest observed contamination and deepest depth investigated). Copies of the actual laboratory results must be provided including chain of custody documentation.

- Probable depth to shallowest protectable groundwater and lateral distance to nearest surface water. If there is an estimate of groundwater depth, the information used to arrive at that estimate must be provided. If there is a reasonable assumption that the depth to protectable water is 50 feet or less, the responsible party should anticipate the need for at least one groundwater monitoring well to be installed in the area of likely maximum contamination.

- If groundwater contamination is encountered, an additional investigation workplan may be required to determine the extents of that contamination. Groundwater and/or surface water samples, if any, must be analyzed by a competent laboratory for volatile organic hydrocarbons (typically Method 8260 full list), total dissolved solids, pH, major anions and cations including chloride and sulfate, dissolved iron, and dissolved manganese. The investigation workplan must provide the groundwater sampling method(s) and sample handling protocols. To the fullest extent possible, aqueous analyses must be undertaken using nominal method detection limits. As with the soil analyses, copies of the actual laboratory results must be provided including chain of custody documentation.

- Accurately scaled and well-drafted site maps must be provided providing the location of borings, test pits, monitoring wells, potentially impacted areas, and significant surface features including roads and site infrastructure that might limit either the release characterization or remedial efforts. Field sketches may be included in subsequent reporting, but should not be considered stand-alone documentation of the site's layout. Digital photographic documentation of the location and fieldwork is recommended, especially if unusual circumstances are encountered.

Nothing herein should be interpreted to preclude emergency response actions or to imply immediate remediation by removal cannot proceed as warranted. Nonetheless, characterization of impacts and confirmation of the effectiveness of remedial efforts must still be provided to the OCD before any release incident will be closed.

Jim Griswold

OCD Environmental Bureau Chief

1220 South St. Francis Drive

Santa Fe, New Mexico 87505

505-476-3465

jim.griswold@state.nm.us

Vickie Smith

From: Yu, Olivia, EMNRD <Olivia.Yu@state.nm.us>
Sent: Monday, March 13, 2017 2:46 PM
To: Vickie Smith; Groves, Amber; Oberding, Tomas, EMNRD
Cc: Greg Mendenhall; Ronnie McCracken - Field
Subject: RE: Line Release
Attachments: 1RP4642.pdf

Dear Ms. Smith:

As per our phone conversation, I am confirming that the API provided is the source well, but the PLSS given is where the release occurred. According to NMOCD database, both the surface and the mineral are State.

The RP for this incident is

4642	3/13/2017	A	Texland Petroleum	Lea YL Battery	30-025-31005	17S-37E-2C	unknow historic
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Please note that a release characterization/delineation workplan as detailed in the attachment must be approved by NMOCD BEFORE any remediation work.

Thanks,

Olivia Yu
Environmental Specialist
NMOCD, District I
Olivia.yu@state.nm.us
575-393-6161 x113

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations.

From: Yu, Olivia, EMNRD
Sent: Monday, March 13, 2017 10:02 AM
To: 'Vickie Smith' <vsmith@texpetro.com>; Groves, Amber <agroves@slo.state.nm.us>; Oberding, Tomas, EMNRD <Tomas.Oberding@state.nm.us>
Cc: Greg Mendenhall <gmendenhall@texpetro.com>; Ronnie McCracken - Field <rmccracken56@gmail.com>
Subject: RE: Line Release

Dear Ms. Smith:

Please correct either the release location or API # on the submitted initial C-141. They do not match. The PLSS for the release on the initial C-141 is for JR Holt #2 (API 30-025-30582) as indicated below by Ms. Groves. However, the API written is 30-025-31005.

Thanks,

Olivia Yu
Environmental Specialist
NMOCD, District I
Olivia.yu@state.nm.us
575-393-6161 x113

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations.

From: Vickie Smith [<mailto:vsmith@texpetro.com>]
Sent: Friday, March 10, 2017 10:03 AM
To: Groves, Amber <agroves@slo.state.nm.us>; Oberding, Tomas, EMNRD <Tomas.Oberding@state.nm.us>
Cc: Yu, Olivia, EMNRD <Olivia.Yu@state.nm.us>; Greg Mendenhall <gmendenhall@texpetro.com>; Ronnie McCracken - Field <rmccracken56@gmail.com>
Subject: RE: Line Release

Ms. Amber and Mr. Tomas,

Please see the attached C-141 for the below mention release. Texland will be obtaining BCC for the environmental "Plan of Action" and will submit to the NMOCD and the State Land office for approval. If there is anything further that Texland/I need to provide or do to comply with your requirements, please let me know.

Thank you for your patience and help in resolving this issue.

Vickie Smith
Regulatory Analyst
Texland Petroleum, LP
575-433-8395
vsmith@texpetro.com

From: Groves, Amber [<mailto:agroves@slo.state.nm.us>]
Sent: Wednesday, March 08, 2017 4:24 PM
To: Vickie Smith
Cc: Yu, Olivia, EMNRD; Oberding, Tomas, EMNRD
Subject: Line Release

Good Afternoon, Vickie,

I am not sure if you are the person that I need to contact for this, but I am hoping if you aren't that you can send this e-mail to whoever it would be. The attached photos are of a line release in section 2, T17S, R37E. It is in front of a battery but I could not find a name for it. The closest API I could find is 30-025-30582 for the JR Holt No. 002. Please submit a C-141 as soon as possible to NMOCD and myself. This location will also need to be fully delineated and a work plan sent to both agencies once that is done.

Thank you,

Amber Groves



Vickie Smith

From: Oberding, Tomas, EMNRD <Tomas.Oberding@state.nm.us>
Sent: Thursday, March 09, 2017 8:10 AM
To: Groves, Amber; Vickie Smith
Cc: Yu, Olivia, EMNRD
Subject: RE: Line Release

Aloha Vickie,

I have a meeting at 800 this morning, but should be free by 1000.

Based on the inspection conducted by Ms. Groves, a C-141 form needs to be completed and sent electronically to the OCD and Ms. Groves at the SLO.

We will then process the document and provide conditions of approval which will guide your next steps.

Mahalo
-Doc

Tomáš 'Doc' Oberding PhD
Hydrologist, Adv-District 1
Oil Conservation Division, EMNRD
(505) 476-3403
E-Mail: tomas.oberding@state.nm.us

一期一会

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations.

From: Groves, Amber [<mailto:agroves@slo.state.nm.us>]
Sent: Wednesday, March 8, 2017 4:17 PM
To: Vickie Smith <vsmith@texpetro.com>
Cc: Oberding, Tomas, EMNRD <Tomas.Oberding@state.nm.us>; Yu, Olivia, EMNRD <Olivia.Yu@state.nm.us>
Subject: RE: Line Release

Vickie,

I have attached a photo that is on the tank battery. According to NMOCD online you have two wells in that section. The JR Holt No. 002 and the Lea YL State No. 002. This release is on the line coming out of your tank battery. I am actually off the rest of the week and will be returning on Monday. You can give Tomas a call to discuss the paperwork that you will need to submit.

Thank you,

Amber

From: Vickie Smith [<mailto:vsmith@texpetro.com>]
Sent: Wednesday, March 08, 2017 3:53 PM

To: Groves, Amber <agroves@slo.state.nm.us>
Subject: RE: Line Release

You did reach the person who should be able to help you, but I am not finding this API number and I am actually not sure about what is it you need for me to do. My day is about over, I will call you in the morning to discuss this issue.

Vickie

From: Groves, Amber [mailto:agroves@slo.state.nm.us]
Sent: Wednesday, March 08, 2017 4:24 PM
To: Vickie Smith
Cc: Yu, Olivia, EMNRD; Oberding, Tomas, EMNRD
Subject: Line Release

Good Afternoon, Vickie,

I am not sure if you are the person that I need to contact for this, but I am hoping if you aren't that you can send this e-mail to whoever it would be. The attached photos are of a line release in section 2, T17S, R37E. It is in front of a battery but I could not find a name for it. The closest API I could find is 30-025-30582 for the JR Holt No. 002. Please submit a C-141 as soon as possible to NMOCD and myself. This location will also need to be fully delineated and a work plan sent to both agencies once that is done.

Thank you,

Amber Groves
Remediation Specialist
Field Operations Division
(575)392-3697
(575)263-3209 cell
New Mexico State Land Office
2827 N. Dal Paso Suite 117
Hobbs, NM 88260



.....
CONFIDENTIALITY NOTICE - This e-mail transmission, including all documents, files, or previous e-mail messages attached hereto, may contain confidential and/or legally privileged information. If you are not the intended recipient, or a person responsible for delivering it to the intended recipient, you are hereby notified that you must not read this transmission and that any disclosure, copying, printing, distribution, or use of any of the information contained in and/or attached to this transmission is **STRICTLY PROHIBITED**. If you have received this transmission in error, please immediately notify the sender and delete the original transmission and its attachments without reading or saving in any manner. Thank you.

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205199

Wild West Services

445 Thornhill Rd
 Lovington, NM 88260
 Phone # 575-649-5477
 Fax # 575-396-1527
 wildwestservicesllc@gmail.com

Invoice

Date	Invoice #
8/17/2017	17051

Bill To
Texland Petroleum c/o Ronnie McCracken PO Box 239 Seminole, TX 79360

P.O. No.	Terms
	Due on receipt

Item	Quantity	Description	Rate	Amount
Bid Job		All work described herein is for Texland Petroleum at the Lea YL State #2, and includes all labor, material and equipment needed to complete the work, site reclamation, to company rep, Ronnie McCracken. Reclamation on Lea YL State #2 per previous Estimate # 113	54,560.00	54,560.00T
		The following is for work not associated with Estimate # 113 for items above and beyond the original Estimate on the Lea YL State #2. To include labor, equipment and material needed to complete the job mainly to either fulfill requirements for movement around underground pipelines or for the addition of liner, as per state requirements.		
Labor(R)	59	per hour regular time w/tools	26.00	1,534.00T
HydroVac(Small)	7.5	per hour w/ operators	175.00	1,312.50T
HydroVac(Large)	23	per hour w/ operators	275.00	6,325.00T
Water	220	per barrel	1.50	330.00T
Pickup	6	per day	170.00	1,020.00T
Excavator	11	22 ton per hour w/ operator	160.00	1,760.00T
Field Supervisor(R)	6	per hour regular time	50.00	300.00T
Plastic Liner	6,000	per sq foot of 20 mil liner	0.26	1,560.00T
Material	1	sand bags	20.00	20.00T
		Sales Tax	5.50%	3,779.68
<p style="text-align: center;"> <i>AFE 2617</i> <i>8721-39</i> <i>RKJ</i> </p>			RECEIVED AUG 30 2017	
Thank you for your business.			Total	\$72,501.18

Appendix F Lab Results Originals



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

February 10, 2026

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: LEA YL STATE #2

Enclosed are the results of analyses for samples received by the laboratory on 01/22/26 11:06.

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/ga/lab_accred_certif.html.

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC. P. O. BOX 2491 HOBBS NM, 88241	Project: LEA YL STATE #2 Project Number: TLP - 173 Project Manager: JUSTIN ROBERTS Fax To: (575) 392-9376	Reported: 10-Feb-26 17:21
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Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SP 1 @ SURFACE	H260410-01	Soil	22-Jan-26 08:30	22-Jan-26 11:06
SP 1 @ 1'	H260410-02	Soil	22-Jan-26 08:32	22-Jan-26 11:06
SP 1 @ 2'	H260410-03	Soil	22-Jan-26 08:34	22-Jan-26 11:06
SP 1 @ 3'	H260410-04	Soil	22-Jan-26 08:36	22-Jan-26 11:06
SP 2 @ SURFACE	H260410-05	Soil	22-Jan-26 08:38	22-Jan-26 11:06
SP 2 @ 1'	H260410-06	Soil	22-Jan-26 08:40	22-Jan-26 11:06
SP 2 @ 2'	H260410-07	Soil	22-Jan-26 08:42	22-Jan-26 11:06
SP 2 @ 3'	H260410-08	Soil	22-Jan-26 08:44	22-Jan-26 11:06
SP 3 @ SURFACE	H260410-09	Soil	22-Jan-26 08:46	22-Jan-26 11:06
SP 3 @ 1'	H260410-10	Soil	22-Jan-26 08:48	22-Jan-26 11:06
SP 3 @ 2'	H260410-11	Soil	22-Jan-26 08:50	22-Jan-26 11:06
SP 3 @ 3'	H260410-12	Soil	22-Jan-26 08:52	22-Jan-26 11:06
SP 3 @ 4'	H260410-13	Soil	22-Jan-26 08:54	22-Jan-26 11:06
SP 4 @ SURFACE	H260410-14	Soil	22-Jan-26 08:56	22-Jan-26 11:06
SP 4 @ 1'	H260410-15	Soil	22-Jan-26 08:58	22-Jan-26 11:06
SP 4 @ 2'	H260410-16	Soil	22-Jan-26 09:00	22-Jan-26 11:06
SP 4 @ 3'	H260410-17	Soil	22-Jan-26 09:02	22-Jan-26 11:06
SP 4 @ 4'	H260410-18	Soil	22-Jan-26 09:04	22-Jan-26 11:06

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
P. O. BOX 2491
HOBBS NM, 88241

Project: LEA YL STATE #2
Project Number: TLP - 173
Project Manager: JUSTIN ROBERTS
Fax To: (575) 392-9376

Reported:
10-Feb-26 17:21

SP 1 @ SURFACE
H260410-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	6012224	AC	23-Jan-26	4500-CI-B	
Conductivity	492		1.00	umhos/cm @ 25°C	1	6012359	AC	23-Jan-26	120.1	
pH*	7.57		0.100	pH Units	1	6012359	AC	23-Jan-26	9045	
Temperature °C	19.5			pH Units	1	6012359	AC	23-Jan-26	9045	

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6012215	JH	24-Jan-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6012215	JH	24-Jan-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6012215	JH	24-Jan-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6012215	JH	24-Jan-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6012215	JH	24-Jan-26	8021B	
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			<i>94.7 %</i>	<i>70.4-141</i>		<i>6012215</i>	<i>JH</i>	<i>24-Jan-26</i>	<i>8021B</i>	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6012229	JF	23-Jan-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6012229	JF	23-Jan-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6012229	JF	23-Jan-26	8015B	
<i>Surrogate: 1-Chlorooctane</i>			<i>82.3 %</i>	<i>52.4-130</i>		<i>6012229</i>	<i>JF</i>	<i>23-Jan-26</i>	<i>8015B</i>	
<i>Surrogate: 1-Chlorooctadecane</i>			<i>80.2 %</i>	<i>39.9-141</i>		<i>6012229</i>	<i>JF</i>	<i>23-Jan-26</i>	<i>8015B</i>	

Green Analytical Laboratories**Saturated Paste Extraction**

Calcium	157		0.200	mg/L	2	B260277	AES	05-Feb-26	EPA 200.7	
Magnesium	18.8		0.200	mg/L	2	B260277	AES	05-Feb-26	EPA 200.7	
SAR	0.11			No Unit	1	B260277	AES	05-Feb-26	USDA-60	
Sodium	5.45		2.00	mg/L	2	B260277	AES	05-Feb-26	EPA 200.7	

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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. P. O. BOX 2491 HOBBS NM, 88241	Project: LEA YL STATE #2 Project Number: TLP - 173 Project Manager: JUSTIN ROBERTS Fax To: (575) 392-9376	Reported: 10-Feb-26 17:21
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**SP 1 @ SURFACE
H260410-01 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Green Analytical Laboratories

Exchangable Metals by ICP (Ammonium Acetate Extractable - Soluble)

Exchangable Sodium Percentage	0.16		0.001	%	1	B260302	AWG	10-Feb-26	USDA-60	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC. P. O. BOX 2491 HOBBS NM, 88241	Project: LEA YL STATE #2 Project Number: TLP - 173 Project Manager: JUSTIN ROBERTS Fax To: (575) 392-9376	Reported: 10-Feb-26 17:21
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**SP 1 @ 1'
H260410-02 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	352		16.0	mg/kg	4	6012224	AC	23-Jan-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6012215	JH	24-Jan-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6012215	JH	24-Jan-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6012215	JH	24-Jan-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6012215	JH	24-Jan-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6012215	JH	24-Jan-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			93.5 %		70.4-141	6012215	JH	24-Jan-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6012229	JF	23-Jan-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6012229	JF	23-Jan-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6012229	JF	23-Jan-26	8015B	

Surrogate: 1-Chlorooctane			79.4 %		52.4-130	6012229	JF	23-Jan-26	8015B	
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Surrogate: 1-Chlorooctadecane			73.7 %		39.9-141	6012229	JF	23-Jan-26	8015B	
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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. P. O. BOX 2491 HOBBS NM, 88241	Project: LEA YL STATE #2 Project Number: TLP - 173 Project Manager: JUSTIN ROBERTS Fax To: (575) 392-9376	Reported: 10-Feb-26 17:21
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**SP 1 @ 2'
H260410-03 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	368		16.0	mg/kg	4	6012224	AC	23-Jan-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6012215	JH	24-Jan-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6012215	JH	24-Jan-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6012215	JH	24-Jan-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6012215	JH	24-Jan-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6012215	JH	24-Jan-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			93.6 %	70.4-141		6012215	JH	24-Jan-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6012229	JF	23-Jan-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6012229	JF	23-Jan-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6012229	JF	23-Jan-26	8015B	

Surrogate: 1-Chlorooctane			79.6 %	52.4-130		6012229	JF	23-Jan-26	8015B	
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Surrogate: 1-Chlorooctadecane			77.0 %	39.9-141		6012229	JF	23-Jan-26	8015B	
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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. P. O. BOX 2491 HOBBS NM, 88241	Project: LEA YL STATE #2 Project Number: TLP - 173 Project Manager: JUSTIN ROBERTS Fax To: (575) 392-9376	Reported: 10-Feb-26 17:21
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SP 1 @ 3'
H260410-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	448		16.0	mg/kg	4	6012224	AC	23-Jan-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6012215	JH	24-Jan-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6012215	JH	24-Jan-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6012215	JH	24-Jan-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6012215	JH	24-Jan-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6012215	JH	24-Jan-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			94.2 %		70.4-141	6012215	JH	24-Jan-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6012229	JF	23-Jan-26	8015B	
DRO >C10-C28*	11.3		10.0	mg/kg	1	6012229	JF	23-Jan-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6012229	JF	23-Jan-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			69.3 %		52.4-130	6012229	JF	23-Jan-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			68.5 %		39.9-141	6012229	JF	23-Jan-26	8015B	
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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
P. O. BOX 2491
HOBBS NM, 88241

Project: LEA YL STATE #2
Project Number: TLP - 173
Project Manager: JUSTIN ROBERTS
Fax To: (575) 392-9376

Reported:
10-Feb-26 17:21

SP 2 @ SURFACE**H260410-05 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	6012237	HM	23-Jan-26	4500-Cl-B	
Conductivity	1230		1.00	umhos/cm @ 25°C	1	6012359	AC	23-Jan-26	120.1	
pH*	7.72		0.100	pH Units	1	6012359	AC	23-Jan-26	9045	
Temperature °C	21.7			pH Units	1	6012359	AC	23-Jan-26	9045	

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6012215	JH	24-Jan-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6012215	JH	24-Jan-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6012215	JH	24-Jan-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6012215	JH	24-Jan-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6012215	JH	24-Jan-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			94.3 %	70.4-141		6012215	JH	24-Jan-26	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6012229	JF	23-Jan-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6012229	JF	23-Jan-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6012229	JF	23-Jan-26	8015B	
Surrogate: 1-Chlorooctane			80.7 %	52.4-130		6012229	JF	23-Jan-26	8015B	
Surrogate: 1-Chlorooctadecane			76.6 %	39.9-141		6012229	JF	23-Jan-26	8015B	

Green Analytical Laboratories**Saturated Paste Extraction**

Calcium	434		0.500	mg/L	5	B260277	AES	05-Feb-26	EPA 200.7	
Magnesium	50.0		0.500	mg/L	5	B260277	AES	05-Feb-26	EPA 200.7	
SAR	0.62			No Unit	1	B260277	AES	05-Feb-26	USDA-60	
Sodium	51.2		5.00	mg/L	5	B260277	AES	05-Feb-26	EPA 200.7	

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. P. O. BOX 2491 HOBBS NM, 88241	Project: LEA YL STATE #2 Project Number: TLP - 173 Project Manager: JUSTIN ROBERTS Fax To: (575) 392-9376	Reported: 10-Feb-26 17:21
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**SP 2 @ SURFACE
H260410-05 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Green Analytical Laboratories

Exchangable Metals by ICP (Ammonium Acetate Extractable - Soluble)

Exchangable Sodium Percentage	0.84		0.001	%	1	B260302	AWG	10-Feb-26	USDA-60	
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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. P. O. BOX 2491 HOBBS NM, 88241	Project: LEA YL STATE #2 Project Number: TLP - 173 Project Manager: JUSTIN ROBERTS Fax To: (575) 392-9376	Reported: 10-Feb-26 17:21
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**SP 2 @ 1'
H260410-06 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	240		16.0	mg/kg	4	6012237	HM	23-Jan-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6012215	JH	24-Jan-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6012215	JH	24-Jan-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6012215	JH	24-Jan-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6012215	JH	24-Jan-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6012215	JH	24-Jan-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			93.4 %		70.4-141	6012215	JH	24-Jan-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6012229	JF	23-Jan-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6012229	JF	23-Jan-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6012229	JF	23-Jan-26	8015B	

Surrogate: 1-Chlorooctane			63.2 %		52.4-130	6012229	JF	23-Jan-26	8015B	
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Surrogate: 1-Chlorooctadecane			59.4 %		39.9-141	6012229	JF	23-Jan-26	8015B	
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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. P. O. BOX 2491 HOBBS NM, 88241	Project: LEA YL STATE #2 Project Number: TLP - 173 Project Manager: JUSTIN ROBERTS Fax To: (575) 392-9376	Reported: 10-Feb-26 17:21
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SP 2 @ 2'
H260410-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	240		16.0	mg/kg	4	6012237	HM	23-Jan-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6012215	JH	24-Jan-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6012215	JH	24-Jan-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6012215	JH	24-Jan-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6012215	JH	24-Jan-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6012215	JH	24-Jan-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			<i>94.3 %</i>		<i>70.4-141</i>	<i>6012215</i>	<i>JH</i>	<i>24-Jan-26</i>	<i>8021B</i>	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6012229	JF	23-Jan-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6012229	JF	23-Jan-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6012229	JF	23-Jan-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			<i>80.4 %</i>		<i>52.4-130</i>	<i>6012229</i>	<i>JF</i>	<i>23-Jan-26</i>	<i>8015B</i>	
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<i>Surrogate: 1-Chlorooctadecane</i>			<i>76.2 %</i>		<i>39.9-141</i>	<i>6012229</i>	<i>JF</i>	<i>23-Jan-26</i>	<i>8015B</i>	
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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. P. O. BOX 2491 HOBBS NM, 88241	Project: LEA YL STATE #2 Project Number: TLP - 173 Project Manager: JUSTIN ROBERTS Fax To: (575) 392-9376	Reported: 10-Feb-26 17:21
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SP 2 @ 3'
H260410-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	288		16.0	mg/kg	4	6012237	HM	23-Jan-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6012215	JH	24-Jan-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6012215	JH	24-Jan-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6012215	JH	24-Jan-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6012215	JH	24-Jan-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6012215	JH	24-Jan-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			92.9 %		70.4-141	6012215	JH	24-Jan-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6012229	JF	23-Jan-26	8015B	
DRO >C10-C28*	41.4		10.0	mg/kg	1	6012229	JF	23-Jan-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6012229	JF	23-Jan-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			81.6 %		52.4-130	6012229	JF	23-Jan-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			81.3 %		39.9-141	6012229	JF	23-Jan-26	8015B	
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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.
P. O. BOX 2491
HOBBS NM, 88241

Project: LEA YL STATE #2
Project Number: TLP - 173
Project Manager: JUSTIN ROBERTS
Fax To: (575) 392-9376

Reported:
10-Feb-26 17:21

SP 3 @ SURFACE**H260410-09 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	6012237	HM	23-Jan-26	4500-Cl-B	
Conductivity	391		1.00	umhos/cm @ 25°C	1	6012359	AC	23-Jan-26	120.1	
pH*	7.57		0.100	pH Units	1	6012359	AC	23-Jan-26	9045	
Temperature °C	22.5			pH Units	1	6012359	AC	23-Jan-26	9045	

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6012215	JH	24-Jan-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6012215	JH	24-Jan-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6012215	JH	24-Jan-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6012215	JH	24-Jan-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6012215	JH	24-Jan-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			93.0 %	70.4-141		6012215	JH	24-Jan-26	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6012229	JF	23-Jan-26	8015B	
DRO >C10-C28*	22.5		10.0	mg/kg	1	6012229	JF	23-Jan-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6012229	JF	23-Jan-26	8015B	
Surrogate: 1-Chlorooctane			82.6 %	52.4-130		6012229	JF	23-Jan-26	8015B	
Surrogate: 1-Chlorooctadecane			80.2 %	39.9-141		6012229	JF	23-Jan-26	8015B	

Green Analytical Laboratories**Saturated Paste Extraction**

Calcium	120		0.100	mg/L	1	B260277	AES	05-Feb-26	EPA 200.7	
Magnesium	19.0		0.100	mg/L	1	B260277	AES	05-Feb-26	EPA 200.7	
SAR	0.31			No Unit	1	B260277	AES	05-Feb-26	USDA-60	
Sodium	13.9		1.00	mg/L	1	B260277	AES	05-Feb-26	EPA 200.7	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC. P. O. BOX 2491 HOBBS NM, 88241	Project: LEA YL STATE #2 Project Number: TLP - 173 Project Manager: JUSTIN ROBERTS Fax To: (575) 392-9376	Reported: 10-Feb-26 17:21
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**SP 3 @ SURFACE
H260410-09 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Green Analytical Laboratories

Exchangable Metals by ICP (Ammonium Acetate Extractable - Soluble)

Exchangable Sodium Percentage	0.44		0.001	%	1	B260302	AWG	10-Feb-26	USDA-60	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC. P. O. BOX 2491 HOBBS NM, 88241	Project: LEA YL STATE #2 Project Number: TLP - 173 Project Manager: JUSTIN ROBERTS Fax To: (575) 392-9376	Reported: 10-Feb-26 17:21
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**SP 3 @ 1'
H260410-10 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	48.0		16.0	mg/kg	4	6012237	HM	23-Jan-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6012219	JH	24-Jan-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6012219	JH	24-Jan-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6012219	JH	24-Jan-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6012219	JH	24-Jan-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6012219	JH	24-Jan-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			93.2 %	70.4-141		6012219	JH	24-Jan-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6012230	JF	23-Jan-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6012230	JF	23-Jan-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6012230	JF	23-Jan-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			74.4 %	52.4-130		6012230	JF	23-Jan-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			74.4 %	39.9-141		6012230	JF	23-Jan-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC. P. O. BOX 2491 HOBBS NM, 88241	Project: LEA YL STATE #2 Project Number: TLP - 173 Project Manager: JUSTIN ROBERTS Fax To: (575) 392-9376	Reported: 10-Feb-26 17:21
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SP 3 @ 2'
H260410-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	32.0		16.0	mg/kg	4	6012237	HM	23-Jan-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6012219	JH	24-Jan-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6012219	JH	24-Jan-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6012219	JH	24-Jan-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6012219	JH	24-Jan-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6012219	JH	24-Jan-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			93.9 %	70.4-141		6012219	JH	24-Jan-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6012230	JF	23-Jan-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6012230	JF	23-Jan-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6012230	JF	23-Jan-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			80.7 %	52.4-130		6012230	JF	23-Jan-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			80.1 %	39.9-141		6012230	JF	23-Jan-26	8015B	
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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC. P. O. BOX 2491 HOBBS NM, 88241	Project: LEA YL STATE #2 Project Number: TLP - 173 Project Manager: JUSTIN ROBERTS Fax To: (575) 392-9376	Reported: 10-Feb-26 17:21
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SP 3 @ 3'
H260410-12 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	16.0		16.0	mg/kg	4	6012237	HM	23-Jan-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6012219	JH	24-Jan-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6012219	JH	24-Jan-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6012219	JH	24-Jan-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6012219	JH	24-Jan-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6012219	JH	24-Jan-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			95.1 %		70.4-141	6012219	JH	24-Jan-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6012230	JF	23-Jan-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6012230	JF	23-Jan-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6012230	JF	23-Jan-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			75.7 %		52.4-130	6012230	JF	23-Jan-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			74.7 %		39.9-141	6012230	JF	23-Jan-26	8015B	
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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. P. O. BOX 2491 HOBBS NM, 88241	Project: LEA YL STATE #2 Project Number: TLP - 173 Project Manager: JUSTIN ROBERTS Fax To: (575) 392-9376	Reported: 10-Feb-26 17:21
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**SP 3 @ 4'
H260410-13 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	16.0		16.0	mg/kg	4	6012237	HM	23-Jan-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6012219	JH	24-Jan-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6012219	JH	24-Jan-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6012219	JH	24-Jan-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6012219	JH	24-Jan-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6012219	JH	24-Jan-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			94.1 %	70.4-141		6012219	JH	24-Jan-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6012230	JF	23-Jan-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6012230	JF	23-Jan-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6012230	JF	23-Jan-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			71.9 %	52.4-130		6012230	JF	23-Jan-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			70.9 %	39.9-141		6012230	JF	23-Jan-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC. P. O. BOX 2491 HOBBS NM, 88241	Project: LEA YL STATE #2 Project Number: TLP - 173 Project Manager: JUSTIN ROBERTS Fax To: (575) 392-9376	Reported: 10-Feb-26 17:21
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**SP 4 @ SURFACE
H260410-14 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	6012237	HM	23-Jan-26	4500-Cl-B	
Conductivity	483		1.00	umhos/cm @ 25°C	1	6012359	AC	23-Jan-26	120.1	
pH*	7.31		0.100	pH Units	1	6012359	AC	23-Jan-26	9045	
Temperature °C	22.3			pH Units	1	6012359	AC	23-Jan-26	9045	

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6012219	JH	24-Jan-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6012219	JH	24-Jan-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6012219	JH	24-Jan-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6012219	JH	24-Jan-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6012219	JH	24-Jan-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			93.8 %	70.4-141		6012219	JH	24-Jan-26	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6012230	JF	23-Jan-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6012230	JF	23-Jan-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6012230	JF	23-Jan-26	8015B	
Surrogate: 1-Chlorooctane			84.9 %	52.4-130		6012230	JF	23-Jan-26	8015B	
Surrogate: 1-Chlorooctadecane			85.0 %	39.9-141		6012230	JF	23-Jan-26	8015B	

Green Analytical Laboratories

Saturated Paste Extraction

Calcium	121		0.100	mg/L	1	B260277	AES	05-Feb-26	EPA 200.7	
Magnesium	16.9		0.100	mg/L	1	B260277	AES	05-Feb-26	EPA 200.7	
SAR	0.13			No Unit	1	B260277	AES	05-Feb-26	USDA-60	
Sodium	5.70		1.00	mg/L	1	B260277	AES	05-Feb-26	EPA 200.7	

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC. P. O. BOX 2491 HOBBS NM, 88241	Project: LEA YL STATE #2 Project Number: TLP - 173 Project Manager: JUSTIN ROBERTS Fax To: (575) 392-9376	Reported: 10-Feb-26 17:21
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**SP 4 @ SURFACE
H260410-14 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Green Analytical Laboratories

Exchangable Metals by ICP (Ammonium Acetate Extractable - Soluble)

Exchangable Sodium Percentage	0.19		0.001	%	1	B260302	AWG	10-Feb-26	USDA-60	
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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC. P. O. BOX 2491 HOBBS NM, 88241	Project: LEA YL STATE #2 Project Number: TLP - 173 Project Manager: JUSTIN ROBERTS Fax To: (575) 392-9376	Reported: 10-Feb-26 17:21
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**SP 4 @ 1'
H260410-15 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	6012237	HM	23-Jan-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6012219	JH	24-Jan-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6012219	JH	24-Jan-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6012219	JH	24-Jan-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6012219	JH	24-Jan-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6012219	JH	24-Jan-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			96.1 %	70.4-141		6012219	JH	24-Jan-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6012230	JF	23-Jan-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6012230	JF	23-Jan-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6012230	JF	23-Jan-26	8015B	

Surrogate: 1-Chlorooctane			83.5 %	52.4-130		6012230	JF	23-Jan-26	8015B	
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Surrogate: 1-Chlorooctadecane			83.5 %	39.9-141		6012230	JF	23-Jan-26	8015B	
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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC. P. O. BOX 2491 HOBBS NM, 88241	Project: LEA YL STATE #2 Project Number: TLP - 173 Project Manager: JUSTIN ROBERTS Fax To: (575) 392-9376	Reported: 10-Feb-26 17:21
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SP 4 @ 2'
H260410-16 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	<16.0		16.0	mg/kg	4	6012237	HM	23-Jan-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6012219	JH	24-Jan-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6012219	JH	24-Jan-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6012219	JH	24-Jan-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6012219	JH	24-Jan-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6012219	JH	24-Jan-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			94.4 %		70.4-141	6012219	JH	24-Jan-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6012230	JF	23-Jan-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6012230	JF	23-Jan-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6012230	JF	23-Jan-26	8015B	

Surrogate: 1-Chlorooctane			82.0 %		52.4-130	6012230	JF	23-Jan-26	8015B	
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Surrogate: 1-Chlorooctadecane			81.6 %		39.9-141	6012230	JF	23-Jan-26	8015B	
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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC. P. O. BOX 2491 HOBBS NM, 88241	Project: LEA YL STATE #2 Project Number: TLP - 173 Project Manager: JUSTIN ROBERTS Fax To: (575) 392-9376	Reported: 10-Feb-26 17:21
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SP 4 @ 3'
H260410-17 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	80.0		16.0	mg/kg	4	6012237	HM	23-Jan-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6012219	JH	24-Jan-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6012219	JH	24-Jan-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6012219	JH	24-Jan-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6012219	JH	24-Jan-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6012219	JH	24-Jan-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			95.6 %	70.4-141		6012219	JH	24-Jan-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6012230	JF	23-Jan-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6012230	JF	23-Jan-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6012230	JF	23-Jan-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			76.9 %	52.4-130		6012230	JF	23-Jan-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			78.0 %	39.9-141		6012230	JF	23-Jan-26	8015B	
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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC. P. O. BOX 2491 HOBBS NM, 88241	Project: LEA YL STATE #2 Project Number: TLP - 173 Project Manager: JUSTIN ROBERTS Fax To: (575) 392-9376	Reported: 10-Feb-26 17:21
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**SP 4 @ 4'
H260410-18 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	80.0		16.0	mg/kg	4	6012237	HM	23-Jan-26	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	6012219	JH	24-Jan-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6012219	JH	24-Jan-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6012219	JH	24-Jan-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6012219	JH	24-Jan-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6012219	JH	24-Jan-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			94.0 %	70.4-141		6012219	JH	24-Jan-26	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	6012230	JF	23-Jan-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6012230	JF	23-Jan-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6012230	JF	23-Jan-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			66.6 %	52.4-130		6012230	JF	23-Jan-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			65.7 %	39.9-141		6012230	JF	23-Jan-26	8015B	
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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC. P. O. BOX 2491 HOBBS NM, 88241	Project: LEA YL STATE #2 Project Number: TLP - 173 Project Manager: JUSTIN ROBERTS Fax To: (575) 392-9376	Reported: 10-Feb-26 17:21
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Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6012224 - 1:4 DI Water										
Blank (6012224-BLK1) Prepared & Analyzed: 23-Jan-26										
Chloride	ND	16.0	mg/kg							
LCS (6012224-BS1) Prepared & Analyzed: 23-Jan-26										
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (6012224-BSD1) Prepared & Analyzed: 23-Jan-26										
Chloride	400	16.0	mg/kg	400		100	80-120	7.69	20	
Batch 6012237 - 1:4 DI Water										
Blank (6012237-BLK1) Prepared & Analyzed: 23-Jan-26										
Chloride	ND	16.0	mg/kg							
LCS (6012237-BS1) Prepared & Analyzed: 23-Jan-26										
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (6012237-BSD1) Prepared & Analyzed: 23-Jan-26										
Chloride	432	16.0	mg/kg	400		108	80-120	0.00	20	
Batch 6012359 - General Prep - Wet Chem										
LCS (6012359-BS1) Prepared & Analyzed: 23-Jan-26										
pH	7.01		pH Units	7.00		100	90-110			
Conductivity	477		uS/cm	500		95.4	90-110			
Duplicate (6012359-DUP1) Source: H260410-01 Prepared & Analyzed: 23-Jan-26										
pH	7.67	0.100	pH Units		7.57			1.31	20	
Conductivity	492	1.00	umhos/cm @ 25°C		492			0.00	10	
Temperature °C	19.4		pH Units		19.5			0.514	200	

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
P. O. BOX 2491
HOBBS NM, 88241

Project: LEA YL STATE #2
Project Number: TLP - 173
Project Manager: JUSTIN ROBERTS
Fax To: (575) 392-9376

Reported:
10-Feb-26 17:21

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6012215 - Volatiles**Blank (6012215-BLK1)**

Prepared: 22-Jan-26 Analyzed: 24-Jan-26

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		94.6	70.4-141			

LCS (6012215-BS1)

Prepared: 22-Jan-26 Analyzed: 24-Jan-26

Benzene	1.91	0.050	mg/kg	2.00		95.4	71-111			
Toluene	1.86	0.050	mg/kg	2.00		93.2	75-116			
Ethylbenzene	1.87	0.050	mg/kg	2.00		93.6	74.2-119			
m,p-Xylene	3.65	0.100	mg/kg	4.00		91.1	72.5-123			
o-Xylene	1.84	0.050	mg/kg	2.00		91.9	70.5-124			
Total Xylenes	5.48	0.150	mg/kg	6.00		91.4	72.2-123			
Surrogate: 4-Bromofluorobenzene (PID)	0.0461		mg/kg	0.0500		92.2	70.4-141			

LCS Dup (6012215-BS1)

Prepared: 22-Jan-26 Analyzed: 24-Jan-26

Benzene	1.90	0.050	mg/kg	2.00		95.2	71-111	0.300	17.6	
Toluene	1.88	0.050	mg/kg	2.00		94.1	75-116	0.970	14.8	
Ethylbenzene	1.88	0.050	mg/kg	2.00		94.0	74.2-119	0.462	14.2	
m,p-Xylene	3.68	0.100	mg/kg	4.00		91.9	72.5-123	0.858	13.6	
o-Xylene	1.85	0.050	mg/kg	2.00		92.3	70.5-124	0.463	13.7	
Total Xylenes	5.52	0.150	mg/kg	6.00		92.0	72.2-123	0.726	13.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0462		mg/kg	0.0500		92.4	70.4-141			

Batch 6012219 - Volatiles**Blank (6012219-BLK1)**

Prepared: 22-Jan-26 Analyzed: 24-Jan-26

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
P. O. BOX 2491
HOBBS NM, 88241

Project: LEA YL STATE #2
Project Number: TLP - 173
Project Manager: JUSTIN ROBERTS
Fax To: (575) 392-9376

Reported:
10-Feb-26 17:21

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6012219 - Volatiles**Blank (6012219-BLK1)**

Prepared: 22-Jan-26 Analyzed: 24-Jan-26

Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		93.3	70.4-141			

LCS (6012219-BS1)

Prepared: 22-Jan-26 Analyzed: 26-Jan-26

Benzene	1.68	0.050	mg/kg	2.00		84.0	71-111			
Toluene	1.61	0.050	mg/kg	2.00		80.4	75-116			
Ethylbenzene	1.57	0.050	mg/kg	2.00		78.6	74.2-119			
m,p-Xylene	3.01	0.100	mg/kg	4.00		75.2	72.5-123			
o-Xylene	1.51	0.050	mg/kg	2.00		75.7	70.5-124			
Total Xylenes	4.52	0.150	mg/kg	6.00		75.4	72.2-123			
Surrogate: 4-Bromofluorobenzene (PID)	0.0440		mg/kg	0.0500		87.9	70.4-141			

LCS Dup (6012219-BSD1)

Prepared: 22-Jan-26 Analyzed: 24-Jan-26

Benzene	1.70	0.050	mg/kg	2.00		85.1	71-111	1.24	17.6	
Toluene	1.70	0.050	mg/kg	2.00		85.2	75-116	5.79	14.8	
Ethylbenzene	1.70	0.050	mg/kg	2.00		84.8	74.2-119	7.65	14.2	
m,p-Xylene	3.31	0.100	mg/kg	4.00		82.8	72.5-123	9.64	13.6	
o-Xylene	1.66	0.050	mg/kg	2.00		82.9	70.5-124	9.08	13.7	
Total Xylenes	4.97	0.150	mg/kg	6.00		82.9	72.2-123	9.45	13.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0452		mg/kg	0.0500		90.3	70.4-141			

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC. P. O. BOX 2491 HOBBS NM, 88241	Project: LEA YL STATE #2 Project Number: TLP - 173 Project Manager: JUSTIN ROBERTS Fax To: (575) 392-9376	Reported: 10-Feb-26 17:21
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Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6012229 - General Prep - Organics

Blank (6012229-BLK1)		Prepared: 22-Jan-26 Analyzed: 23-Jan-26								
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	51.5		mg/kg	50.0		103	52.4-130			
Surrogate: 1-Chlorooctadecane	50.0		mg/kg	50.0		100	39.9-141			

LCS (6012229-BS1)		Prepared: 22-Jan-26 Analyzed: 23-Jan-26								
GRO C6-C10	206	10.0	mg/kg	200		103	78.7-123			
DRO >C10-C28	202	10.0	mg/kg	200		101	74.8-123			
Total TPH C6-C28	409	10.0	mg/kg	400		102	78.6-121			
Surrogate: 1-Chlorooctane	53.8		mg/kg	50.0		108	52.4-130			
Surrogate: 1-Chlorooctadecane	52.8		mg/kg	50.0		106	39.9-141			

LCS Dup (6012229-BSD1)		Prepared: 22-Jan-26 Analyzed: 23-Jan-26								
GRO C6-C10	212	10.0	mg/kg	200		106	78.7-123	2.94	11.3	
DRO >C10-C28	209	10.0	mg/kg	200		104	74.8-123	3.04	10.9	
Total TPH C6-C28	421	10.0	mg/kg	400		105	78.6-121	2.99	10.5	
Surrogate: 1-Chlorooctane	54.9		mg/kg	50.0		110	52.4-130			
Surrogate: 1-Chlorooctadecane	54.1		mg/kg	50.0		108	39.9-141			

Batch 6012230 - General Prep - Organics

Blank (6012230-BLK1)		Prepared: 22-Jan-26 Analyzed: 23-Jan-26								
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	54.8		mg/kg	50.0		110	52.4-130			
Surrogate: 1-Chlorooctadecane	55.8		mg/kg	50.0		112	39.9-141			

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC. P. O. BOX 2491 HOBBS NM, 88241	Project: LEA YL STATE #2 Project Number: TLP - 173 Project Manager: JUSTIN ROBERTS Fax To: (575) 392-9376	Reported: 10-Feb-26 17:21
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Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6012230 - General Prep - Organics

LCS (6012230-BS1)

Prepared: 22-Jan-26 Analyzed: 23-Jan-26

GRO C6-C10	201	10.0	mg/kg	200	101	78.7-123				
DRO >C10-C28	197	10.0	mg/kg	200	98.5	74.8-123				
Total TPH C6-C28	398	10.0	mg/kg	400	99.5	78.6-121				
Surrogate: 1-Chlorooctane	56.5		mg/kg	50.0	113	52.4-130				
Surrogate: 1-Chlorooctadecane	58.9		mg/kg	50.0	118	39.9-141				

LCS Dup (6012230-BS1)

Prepared: 22-Jan-26 Analyzed: 23-Jan-26

GRO C6-C10	202	10.0	mg/kg	200	101	78.7-123	0.283	11.3		
DRO >C10-C28	198	10.0	mg/kg	200	99.0	74.8-123	0.497	10.9		
Total TPH C6-C28	400	10.0	mg/kg	400	99.9	78.6-121	0.389	10.5		
Surrogate: 1-Chlorooctane	62.3		mg/kg	50.0	125	52.4-130				
Surrogate: 1-Chlorooctadecane	59.1		mg/kg	50.0	118	39.9-141				

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC. P. O. BOX 2491 HOBBS NM, 88241	Project: LEA YL STATE #2 Project Number: TLP - 173 Project Manager: JUSTIN ROBERTS Fax To: (575) 392-9376	Reported: 10-Feb-26 17:21
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Saturated Paste Extraction - Quality Control

Green Analytical Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B260277 - Paste Extract

Blank (B260277-BLK1) Prepared: 28-Jan-26 Analyzed: 05-Feb-26

Calcium	ND	0.100	mg/L							
Magnesium	ND	0.100	mg/L							
SAR	0.00		No Unit							
Sodium	ND	1.00	mg/L							

Duplicate (B260277-DUP1) Source: 2601221-01 Prepared: 28-Jan-26 Analyzed: 05-Feb-26

Sodium	67.7	5.00	mg/L		69.6			2.87	20	
Calcium	157	0.500	mg/L		152			2.92	20	
Magnesium	53.3	0.500	mg/L		54.1			1.59	20	
SAR	1.19		No Unit		1.23			3.31	20	

Duplicate (B260277-DUP2) Source: 2601246-01 Prepared: 28-Jan-26 Analyzed: 05-Feb-26

Calcium	44.2	0.500	mg/L		44.0			0.599	20	
Magnesium	10.5	0.500	mg/L		10.1			3.43	20	
Sodium	10.4	5.00	mg/L		10.4			0.0840	20	
SAR	0.37		No Unit		0.37			0.00	20	

Reference (B260277-SRM1) Prepared: 28-Jan-26 Analyzed: 05-Feb-26

SAR	21.2		No Unit	20.4		104	90-110			
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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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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Diamondback Disposal Services		BILL TO		P.O. #:		ANALYSIS REQUEST	
Project Manager: Justin Roberts		Address: 2525 NW County Rd.		Company: DIAMONDBACK			
City: Hobbs		State: NM Zip: 88240		Attn: YESENIAL			
Phone #: [575]392-9996		Fax #: [575]392-9996		Address:			
Project #: TLP-173		Project Owner:		City:			
Project Name: LEA YL STATE #2		State:		Zip:			
Project Location: 32.867981, -103.222923		Phone #:		Fax #:			
Sampler Name: JULIO RIVERA		FOR LAB USE ONLY		MATRIX		PRESERV. SAMPLING	
Lab I.D. #100410		Sample I.D.		GROUNDWATER		DATE TIME	
SP1 @ SURFACE		(G)RAB OR (C)OMP.		WASTEWATER		01-22-26 8:30 AM	
SP1 @ 1'		# CONTAINERS		SOIL		X X X X	
SP1 @ 2'		G 3		OIL		X X X X	
SP1 @ 3'		G 1		SLUDGE		X X X X	
SP2 @ SURFACE		G 1		OTHER :		X X X X	
SP2 @ 1'		G 3		ACID/BASE:		X X X X	
SP2 @ 2'		G 1		ICE / COOL		X X X X	
SP2 @ 3'		G 1		OTHER :		X X X X	
SP3 @ SURFACE		G 3		DATE		01-22-26 8:48 AM	
SP3 @ 1'		G 1		TIME		X X X X	

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Relinquished By: [Signature] Received By: [Signature] Date: 01-22-26 Time: 11:00

Delivered By: (Circle One) Observed Temp. °C: -0.7 Sample Condition: Cool Intact Checked By: [Signature] Initials: [Signature]

Sampler - UPS - Bus - Other: Corrected Temp. °C: -0.102

Turnaround Time: Standard Rush

Bacteria (only) Sample Condition: Cool Intact

Thermometer ID #140 Correction Factor +0.1°C

Remarks: 402 - 0403401K w/CS 38.02 - 01071001E w/CS

Environmental@Diamondbacknm.com

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

Cardinal cannot accept verbal changes. Please email changes to cely.keen@cardinalabsnm.com



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Diamondback Disposal Services		BILL TO		P.O. #:		ANALYSIS REQUEST	
Project Manager: Justin Roberts		Company: DIAMONDBACK		Address:			
Address: 2525 NW County Rd.		Attn: YESENIAL		City:			
City: Hobbs		State: NM		Zip: 88240			
Phone #: [575]392-9996		Fax #:		Address:			
Project #: TPL-137		Project Owner:		City:			
Project Name: LEA YL STATE #2		State:		Zip:			
Project Location: 32.867981, -103.222923		Phone #:					
Sampler Name: JULIO RIVERA		Fax #:					
FOR LAB USE ONLY							
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING	
		GROUNDWATER		WASTEWATER			
		SOIL		OIL			
		SLUDGE		OTHER :			
		ACID/BASE:		ICE / COOL			
		OTHER :		DATE	TIME		
11	SP3 @ 2'	G 1	X	01-22-26	8:50 AM	X	X
12	SP3 @ 3'	G 1	X	01-22-26	8:52 AM	X	X
13	SP3 @ 4'	G 1	X	01-22-26	8:54 AM	X	X
14	SP4 @ SURFACE	G 3	X	01-22-26	8:56 AM	X	X
15	SP4 @ 1'	G 1	X	01-22-26	8:58 AM	X	X
16	SP4 @ 2'	G 1	X	01-22-26	9:00 AM	X	X
17	SP4 @ 3'	G 1	X	01-22-26	9:02 AM	X	X
18	SP4 @ 4'	G 1	X	01-22-26	9:04 AM	X	X

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Reinquinshed By: *[Signature]* Date: 01-22-26
 Received By: *[Signature]* Date: 01-22-26

Delivered By: (Circle One) Observed Temp. °C: 20.7
 Corrected Temp. °C: -0.0

Sampler - UPS - Bus - Other: Sample Condition Cool Intact Yes No

Checked By: *[Signature]* Turnaround Time: Standard RUSH

Bacteria (only) Sample Condition Cool Intact Yes No

Observed Temp. °C: Corrected Temp. °C:

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



Certificate of Analysis Summary 555530

BCC, Inc.-Lubbock, Lubbock, TX

Project Name: Texland Petroleum

Project Id:

Contact: Paul Porter

Project Location: Lea YL State #2 (NM)

Date Received in Lab: Fri Jun-16-17 10:45 am

Report Date: 05-JUL-17

Project Manager: Liz Givens

<i>Analysis Requested</i>	<i>Lab Id:</i>	555530-001	555530-002	555530-003	555530-004	555530-005	555530-006
	<i>Field Id:</i>	Sample 2A	Sample 2B	Sample 2C	Sample 2D	Sample 2E	Sample 2F-Bottom
	<i>Depth:</i>						
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	<i>Sampled:</i>	Jun-14-17 11:00	Jun-14-17 11:10	Jun-14-17 11:20	Jun-14-17 11:30	Jun-14-17 11:40	Jun-14-17 11:50
Chloride by EPA 300	<i>Extracted:</i>	Jun-20-17 09:00	Jun-20-17 09:00	Jun-20-17 09:00	Jun-20-17 09:00	Jun-20-17 09:00	Jun-20-17 09:00
	<i>Analyzed:</i>	Jun-20-17 13:21	Jun-20-17 13:59	Jun-20-17 14:11	Jun-20-17 14:23	Jun-20-17 14:36	Jun-20-17 14:48
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride		<25.0 25.0	<25.0 25.0	<25.0 25.0	<25.0 25.0	<25.0 25.0	31.9 25.0
DRO By SW8015B	<i>Extracted:</i>	Jun-16-17 12:00	Jun-16-17 12:00	Jun-16-17 12:00	Jun-16-17 12:00	Jun-16-17 12:00	Jun-16-17 12:00
	<i>Analyzed:</i>	Jun-16-17 18:07	Jun-16-17 20:03	Jun-16-17 20:40	Jun-16-17 21:17	Jun-16-17 21:54	Jun-16-17 22:29
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Diesel Range Organics (DRO)		<25.0 25.0	<25.0 25.0	<25.0 25.0	<25.0 25.0	<25.0 25.0	510 50.0
C28-C35 Oil Range Hydrocarbons		<25.0 25.0	<25.0 25.0	<25.0 25.0	<25.0 25.0	<25.0 25.0	280 50.0
TPH GRO by EPA 8015 Mod.	<i>Extracted:</i>	Jun-16-17 14:00	Jun-16-17 14:00	Jun-16-17 14:00	Jun-16-17 14:00	Jun-16-17 14:00	Jun-16-17 14:00
	<i>Analyzed:</i>	Jun-16-17 21:06	Jun-16-17 22:53	Jun-16-17 23:20	Jun-16-17 23:47	Jun-17-17 00:14	Jun-17-17 05:33
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
TPH-GRO		<3.94 3.94	<3.78 3.78	<3.75 3.75	<3.84 3.84	<3.86 3.86	90.5 19.6

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

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Johnny Grindstaff
Lubbock Laboratory Director



Certificate of Analysis Summary 555530

BCC, Inc.-Lubbock, Lubbock, TX

Project Name: Texland Petroleum

Project Id:

Contact: Paul Porter

Project Location: Lea YL State #2 (NM)

Date Received in Lab: Fri Jun-16-17 10:45 am

Report Date: 05-JUL-17

Project Manager: Liz Givens

<i>Analysis Requested</i>	<i>Lab Id:</i>	555530-007	555530-008	555530-009	555530-010	555530-011	555530-012
	<i>Field Id:</i>	Sample 2G	Sample 2H	Sample 2I-Bottom	Sample 2J	Sample 2K	Sample 2L - Bottom
	<i>Depth:</i>						
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	<i>Sampled:</i>	Jun-14-17 12:00	Jun-14-17 12:10	Jun-14-17 12:20	Jun-14-17 12:30	Jun-14-17 12:40	Jun-14-17 12:50
Chloride by EPA 300	<i>Extracted:</i>	Jun-20-17 09:00	Jun-20-17 09:00	Jun-20-17 09:00	Jun-20-17 09:00	Jun-20-17 09:00	Jun-20-17 09:00
	<i>Analyzed:</i>	Jun-20-17 15:01	Jun-20-17 15:13	Jun-20-17 15:26	Jun-20-17 15:38	Jun-20-17 16:03	Jun-20-17 16:40
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride		<25.0 25.0	<25.0 25.0	<25.0 25.0	<25.0 25.0	<25.0 25.0	<25.0 25.0
DRO By SW8015B	<i>Extracted:</i>	Jun-16-17 12:00	Jun-16-17 12:00	Jun-16-17 12:00	Jun-16-17 12:00	Jun-16-17 12:00	Jun-16-17 12:00
	<i>Analyzed:</i>	Jun-16-17 23:40	Jun-17-17 00:14	Jun-17-17 00:49	Jun-17-17 01:57	Jun-17-17 02:31	Jun-17-17 03:05
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Diesel Range Organics (DRO)		<25.0 25.0	<25.0 25.0	340 50.0	<25.0 25.0	<25.0 25.0	560 50.0
C28-C35 Oil Range Hydrocarbons		<25.0 25.0	<25.0 25.0	110 50.0	<25.0 25.0	<25.0 25.0	330 50.0
TPH GRO by EPA 8015 Mod.	<i>Extracted:</i>	Jun-16-17 14:00	Jun-16-17 14:00	Jun-16-17 14:00	Jun-16-17 14:00	Jun-16-17 14:00	Jun-16-17 14:00
	<i>Analyzed:</i>	Jun-17-17 00:40	Jun-17-17 01:06	Jun-17-17 06:00	Jun-17-17 01:33	Jun-17-17 02:00	Jun-17-17 06:27
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
TPH-GRO		<3.99 3.99	<3.88 3.88	<7.05 7.05	<3.92 3.92	<3.72 3.72	<7.69 7.69

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 Johnny Grindstaff
 Lubbock Laboratory Director



Certificate of Analysis Summary 555530

BCC, Inc.-Lubbock, Lubbock, TX

Project Name: Texland Petroleum

Project Id:
Contact: Paul Porter
Project Location: Lea YL State #2 (NM)

Date Received in Lab: Fri Jun-16-17 10:45 am
Report Date: 05-JUL-17
Project Manager: Liz Givens

Analysis Requested	<i>Lab Id:</i>	555530-013				
	<i>Field Id:</i>	Sample 2M				
	<i>Depth:</i>					
	<i>Matrix:</i>	SOIL				
	<i>Sampled:</i>	Jun-14-17 13:00				
Chloride by EPA 300	<i>Extracted:</i>	Jun-20-17 09:00				
	<i>Analyzed:</i>	Jun-20-17 17:05				
	<i>Units/RL:</i>	mg/kg RL				
Chloride		<25.0 25.0				
DRO By SW8015B	<i>Extracted:</i>	Jun-16-17 12:00				
	<i>Analyzed:</i>	Jun-17-17 04:11				
	<i>Units/RL:</i>	mg/kg RL				
Diesel Range Organics (DRO)		<25.0 25.0				
C28-C35 Oil Range Hydrocarbons		<25.0 25.0				
TPH GRO by EPA 8015 Mod.	<i>Extracted:</i>	Jun-16-17 14:00				
	<i>Analyzed:</i>	Jun-17-17 02:26				
	<i>Units/RL:</i>	mg/kg RL				
TPH-GRO		<3.95 3.95				

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 Johnny Grindstaff
 Lubbock Laboratory Director

Analytical Report 555530

for
BCC, Inc.-Lubbock

Project Manager: Paul Porter
Texland Petroleum

05-JUL-17

Collected By: Client



6701 Aberdeen, Suite 9 Lubbock, TX 79424

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215), Arizona (AZ0765), Florida (E871002), Louisiana (03054)
Oklahoma (9218)

Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295)

Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400)

Xenco-San Antonio: Texas (T104704534)

Xenco Phoenix (EPA Lab Code: AZ00901): Arizona(AZ0757)

Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)



05-JUL-17

Project Manager: **Paul Porter**

BCC, Inc.-Lubbock

3302 122nd St

P.O. Box 53427

Lubbock, TX 79453

Reference: XENCO Report No(s): **555530**

Texland Petroleum

Project Address: Lea YL State #2 (NM)

Paul Porter :

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 555530. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 555530 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Johnny Grindstaff

Lubbock Laboratory Director

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Sample Cross Reference 555530

BCC, Inc.-Lubbock, Lubbock, TX

Texland Petroleum

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Sample 2A	S	06-14-17 11:00		555530-001
Sample 2B	S	06-14-17 11:10		555530-002
Sample 2C	S	06-14-17 11:20		555530-003
Sample 2D	S	06-14-17 11:30		555530-004
Sample 2E	S	06-14-17 11:40		555530-005
Sample 2F-Bottom	S	06-14-17 11:50		555530-006
Sample 2G	S	06-14-17 12:00		555530-007
Sample 2H	S	06-14-17 12:10		555530-008
Sample 2I-Bottom	S	06-14-17 12:20		555530-009
Sample 2J	S	06-14-17 12:30		555530-010
Sample 2K	S	06-14-17 12:40		555530-011
Sample 2L - Bottom	S	06-14-17 12:50		555530-012
Sample 2M	S	06-14-17 13:00		555530-013



CASE NARRATIVE

Client Name: BCC, Inc.-Lubbock

Project Name: Texland Petroleum

Project ID:
Work Order Number(s): 555530

Report Date: 05-JUL-17
Date Received: 06/16/2017

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-3019969 TPH GRO by EPA 8015 Mod.

Samples 555530-009 and 555530-012 were ran at a dilution due to excessive hydrocarbons beyond xylenes.

Batch: LBA-3020093 DRO By SW8015B

Surrogate n-Triacontane recovered above QC limits. Matrix interferences is suspected; data confirmed by re-analysis.

Samples affected are: 555530-001 S,555530-001 SD,555530-002,555530-003,555530-004,555530-005,555530-001,555530-007,555530-008,555530-009,555530-010,555530-011,555530-012,555530-013,555530-006.

Surrogate Tricosane recovered above QC limits. Matrix interferences is suspected; data confirmed by re-analysis.

Samples affected are: 555530-001 SD,555530-002,555530-005,555530-006,555530-013,555530-008,555530-009,555530-010,555530-011,555530-012,555530-001,555530-007.

Outlier/s are due to possible matrix interference.

Lab Sample ID 555530-001 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Diesel Range Organics (DRO) Relative Percent Difference (RPD) between matrix spike and duplicate was above quality control limits.

Samples in the analytical batch are: 555530-001, -002, -003, -004, -005, -006, -007, -008, -009, -010, -011, -012, -013



Certificate of Analytical Results 555530

BCC, Inc.-Lubbock, Lubbock, TX

Texland Petroleum

Sample Id: **Sample 2A** Matrix: Soil Date Received: 06.16.17 10.45
 Lab Sample Id: 555530-001 Date Collected: 06.14.17 11.00
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: RNL % Moisture:
 Analyst: RNL Date Prep: 06.20.17 09.00 Basis: Wet Weight
 Seq Number: 3020314

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<25.0	25.0	mg/kg	06.20.17 13.21	U	1

Analytical Method: DRO By SW8015B Prep Method: SW8015P
 Tech: PGM % Moisture:
 Analyst: HJP Date Prep: 06.16.17 12.00 Basis: Wet Weight
 Seq Number: 3020093

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Diesel Range Organics (DRO)	C10C28DRO	<25.0	25.0	mg/kg	06.16.17 18.07	U	1
C28-C35 Oil Range Hydrocarbons	PHCG2835	<25.0	25.0	mg/kg	06.16.17 18.07	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Tricosane	638-67-5	155	%	65-144	06.16.17 18.07	**
n-Triacontane	638-68-6	227	%	46-152	06.16.17 18.07	**

Analytical Method: TPH GRO by EPA 8015 Mod. Prep Method: SW5030B
 Tech: MIT % Moisture:
 Analyst: MIT Date Prep: 06.16.17 14.00 Basis: Wet Weight
 Seq Number: 3019969

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
TPH-GRO	8006-61-9	<3.94	3.94	mg/kg	06.16.17 21.06	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	106	%	76-123	06.16.17 21.06	
a,a,a-Trifluorotoluene	98-08-8	116	%	69-120	06.16.17 21.06	



Certificate of Analytical Results 555530

BCC, Inc.-Lubbock, Lubbock, TX

Texland Petroleum

Sample Id: **Sample 2B** Matrix: Soil Date Received: 06.16.17 10.45
 Lab Sample Id: 555530-002 Date Collected: 06.14.17 11.10

Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: RNL % Moisture:
 Analyst: RNL Date Prep: 06.20.17 09.00 Basis: Wet Weight
 Seq Number: 3020314

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<25.0	25.0	mg/kg	06.20.17 13.59	U	1

Analytical Method: DRO By SW8015B Prep Method: SW8015P
 Tech: PGM % Moisture:
 Analyst: HJP Date Prep: 06.16.17 12.00 Basis: Wet Weight
 Seq Number: 3020093

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Diesel Range Organics (DRO)	C10C28DRO	<25.0	25.0	mg/kg	06.16.17 20.03	U	1
C28-C35 Oil Range Hydrocarbons	PHCG2835	<25.0	25.0	mg/kg	06.16.17 20.03	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Tricosane	638-67-5	146	%	65-144	06.16.17 20.03	**
n-Triacontane	638-68-6	183	%	46-152	06.16.17 20.03	**

Analytical Method: TPH GRO by EPA 8015 Mod. Prep Method: SW5030B
 Tech: MIT % Moisture:
 Analyst: MIT Date Prep: 06.16.17 14.00 Basis: Wet Weight
 Seq Number: 3019969

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
TPH-GRO	8006-61-9	<3.78	3.78	mg/kg	06.16.17 22.53	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	109	%	76-123	06.16.17 22.53	
a,a,a-Trifluorotoluene	98-08-8	116	%	69-120	06.16.17 22.53	



Certificate of Analytical Results 555530

BCC, Inc.-Lubbock, Lubbock, TX
 Texland Petroleum

Sample Id: **Sample 2C** Matrix: Soil Date Received: 06.16.17 10.45
 Lab Sample Id: 555530-003 Date Collected: 06.14.17 11.20
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: RNL % Moisture:
 Analyst: RNL Date Prep: 06.20.17 09.00 Basis: Wet Weight
 Seq Number: 3020314

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<25.0	25.0	mg/kg	06.20.17 14.11	U	1

Analytical Method: DRO By SW8015B Prep Method: SW8015P
 Tech: PGM % Moisture:
 Analyst: HJP Date Prep: 06.16.17 12.00 Basis: Wet Weight
 Seq Number: 3020093

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Diesel Range Organics (DRO)	C10C28DRO	<25.0	25.0	mg/kg	06.16.17 20.40	U	1
C28-C35 Oil Range Hydrocarbons	PHCG2835	<25.0	25.0	mg/kg	06.16.17 20.40	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Tricosane	638-67-5	114	%	65-144	06.16.17 20.40	
n-Triacontane	638-68-6	153	%	46-152	06.16.17 20.40	**

Analytical Method: TPH GRO by EPA 8015 Mod. Prep Method: SW5030B
 Tech: MIT % Moisture:
 Analyst: MIT Date Prep: 06.16.17 14.00 Basis: Wet Weight
 Seq Number: 3019969

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
TPH-GRO	8006-61-9	<3.75	3.75	mg/kg	06.16.17 23.20	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	106	%	76-123	06.16.17 23.20	
a,a,a-Trifluorotoluene	98-08-8	116	%	69-120	06.16.17 23.20	



Certificate of Analytical Results 555530

BCC, Inc.-Lubbock, Lubbock, TX
 Texland Petroleum

Sample Id: **Sample 2D** Matrix: Soil Date Received: 06.16.17 10.45
 Lab Sample Id: 555530-004 Date Collected: 06.14.17 11.30
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: RNL % Moisture:
 Analyst: RNL Date Prep: 06.20.17 09.00 Basis: Wet Weight
 Seq Number: 3020314

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<25.0	25.0	mg/kg	06.20.17 14.23	U	1

Analytical Method: DRO By SW8015B Prep Method: SW8015P
 Tech: PGM % Moisture:
 Analyst: HJP Date Prep: 06.16.17 12.00 Basis: Wet Weight
 Seq Number: 3020093

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Diesel Range Organics (DRO)	C10C28DRO	<25.0	25.0	mg/kg	06.16.17 21.17	U	1
C28-C35 Oil Range Hydrocarbons	PHCG2835	<25.0	25.0	mg/kg	06.16.17 21.17	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Tricosane	638-67-5	139	%	65-144	06.16.17 21.17	
n-Triacontane	638-68-6	177	%	46-152	06.16.17 21.17	**

Analytical Method: TPH GRO by EPA 8015 Mod. Prep Method: SW5030B
 Tech: MIT % Moisture:
 Analyst: MIT Date Prep: 06.16.17 14.00 Basis: Wet Weight
 Seq Number: 3019969

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
TPH-GRO	8006-61-9	<3.84	3.84	mg/kg	06.16.17 23.47	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	101	%	76-123	06.16.17 23.47	
a,a,a-Trifluorotoluene	98-08-8	114	%	69-120	06.16.17 23.47	



Certificate of Analytical Results 555530

BCC, Inc.-Lubbock, Lubbock, TX

Texland Petroleum

Sample Id: **Sample 2E** Matrix: Soil Date Received: 06.16.17 10.45
 Lab Sample Id: 555530-005 Date Collected: 06.14.17 11.40
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: RNL % Moisture:
 Analyst: RNL Date Prep: 06.20.17 09.00 Basis: Wet Weight
 Seq Number: 3020314

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<25.0	25.0	mg/kg	06.20.17 14.36	U	1

Analytical Method: DRO By SW8015B Prep Method: SW8015P
 Tech: PGM % Moisture:
 Analyst: HJP Date Prep: 06.16.17 12.00 Basis: Wet Weight
 Seq Number: 3020093

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Diesel Range Organics (DRO)	C10C28DRO	<25.0	25.0	mg/kg	06.16.17 21.54	U	1
C28-C35 Oil Range Hydrocarbons	PHCG2835	<25.0	25.0	mg/kg	06.16.17 21.54	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Tricosane	638-67-5	147	%	65-144	06.16.17 21.54	**
n-Triacontane	638-68-6	203	%	46-152	06.16.17 21.54	**

Analytical Method: TPH GRO by EPA 8015 Mod. Prep Method: SW5030B
 Tech: MIT % Moisture:
 Analyst: MIT Date Prep: 06.16.17 14.00 Basis: Wet Weight
 Seq Number: 3019969

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
TPH-GRO	8006-61-9	<3.86	3.86	mg/kg	06.17.17 00.14	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	106	%	76-123	06.17.17 00.14	
a,a,a-Trifluorotoluene	98-08-8	114	%	69-120	06.17.17 00.14	



Certificate of Analytical Results 555530

BCC, Inc.-Lubbock, Lubbock, TX
 Texland Petroleum

Sample Id: **Sample 2F-Bottom** Matrix: Soil Date Received: 06.16.17 10.45
 Lab Sample Id: 555530-006 Date Collected: 06.14.17 11.50
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: RNL % Moisture:
 Analyst: RNL Date Prep: 06.20.17 09.00 Basis: Wet Weight
 Seq Number: 3020314

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	31.9	25.0	mg/kg	06.20.17 14.48		1

Analytical Method: DRO By SW8015B Prep Method: SW8015P
 Tech: PGM % Moisture:
 Analyst: HJP Date Prep: 06.16.17 12.00 Basis: Wet Weight
 Seq Number: 3020093

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Diesel Range Organics (DRO)	C10C28DRO	510	50.0	mg/kg	06.16.17 22.29		5
C28-C35 Oil Range Hydrocarbons	PHCG2835	280	50.0	mg/kg	06.16.17 22.29		5

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Tricosane	638-67-5	5020	%	65-144	06.16.17 22.29	**
n-Triacontane	638-68-6	7370	%	46-152	06.16.17 22.29	**

Analytical Method: TPH GRO by EPA 8015 Mod. Prep Method: SW5030B
 Tech: MIT % Moisture:
 Analyst: MIT Date Prep: 06.16.17 14.00 Basis: Wet Weight
 Seq Number: 3019969

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
TPH-GRO	8006-61-9	90.5	19.6	mg/kg	06.17.17 05.33		5

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	121	%	76-123	06.17.17 05.33	
a,a,a-Trifluorotoluene	98-08-8	106	%	69-120	06.17.17 05.33	



Certificate of Analytical Results 555530

BCC, Inc.-Lubbock, Lubbock, TX
 Texland Petroleum

Sample Id: **Sample 2G** Matrix: Soil Date Received: 06.16.17 10.45
 Lab Sample Id: 555530-007 Date Collected: 06.14.17 12.00
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: RNL % Moisture:
 Analyst: RNL Date Prep: 06.20.17 09.00 Basis: Wet Weight
 Seq Number: 3020314

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<25.0	25.0	mg/kg	06.20.17 15.01	U	1

Analytical Method: DRO By SW8015B Prep Method: SW8015P
 Tech: PGM % Moisture:
 Analyst: HJP Date Prep: 06.16.17 12.00 Basis: Wet Weight
 Seq Number: 3020093

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Diesel Range Organics (DRO)	C10C28DRO	<25.0	25.0	mg/kg	06.16.17 23.40	U	1
C28-C35 Oil Range Hydrocarbons	PHCG2835	<25.0	25.0	mg/kg	06.16.17 23.40	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Tricosane	638-67-5	164	%	65-144	06.16.17 23.40	**
n-Triacontane	638-68-6	247	%	46-152	06.16.17 23.40	**

Analytical Method: TPH GRO by EPA 8015 Mod. Prep Method: SW5030B
 Tech: MIT % Moisture:
 Analyst: MIT Date Prep: 06.16.17 14.00 Basis: Wet Weight
 Seq Number: 3019969

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
TPH-GRO	8006-61-9	<3.99	3.99	mg/kg	06.17.17 00.40	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	103	%	76-123	06.17.17 00.40	
a,a,a-Trifluorotoluene	98-08-8	114	%	69-120	06.17.17 00.40	



Certificate of Analytical Results 555530

BCC, Inc.-Lubbock, Lubbock, TX
 Texland Petroleum

Sample Id: **Sample 2H** Matrix: Soil Date Received: 06.16.17 10.45
 Lab Sample Id: 555530-008 Date Collected: 06.14.17 12.10
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: RNL % Moisture:
 Analyst: RNL Date Prep: 06.20.17 09.00 Basis: Wet Weight
 Seq Number: 3020314

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<25.0	25.0	mg/kg	06.20.17 15.13	U	1

Analytical Method: DRO By SW8015B Prep Method: SW8015P
 Tech: PGM % Moisture:
 Analyst: HJP Date Prep: 06.16.17 12.00 Basis: Wet Weight
 Seq Number: 3020093

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Diesel Range Organics (DRO)	C10C28DRO	<25.0	25.0	mg/kg	06.17.17 00.14	U	1
C28-C35 Oil Range Hydrocarbons	PHCG2835	<25.0	25.0	mg/kg	06.17.17 00.14	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Tricosane	638-67-5	153	%	65-144	06.17.17 00.14	**
n-Triacontane	638-68-6	200	%	46-152	06.17.17 00.14	**

Analytical Method: TPH GRO by EPA 8015 Mod. Prep Method: SW5030B
 Tech: MIT % Moisture:
 Analyst: MIT Date Prep: 06.16.17 14.00 Basis: Wet Weight
 Seq Number: 3019969

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
TPH-GRO	8006-61-9	<3.88	3.88	mg/kg	06.17.17 01.06	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	103	%	76-123	06.17.17 01.06	
a,a,a-Trifluorotoluene	98-08-8	113	%	69-120	06.17.17 01.06	



Certificate of Analytical Results 555530

BCC, Inc.-Lubbock, Lubbock, TX

Texland Petroleum

Sample Id: **Sample 2I-Bottom** Matrix: Soil Date Received: 06.16.17 10.45
 Lab Sample Id: 555530-009 Date Collected: 06.14.17 12.20
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: RNL % Moisture:
 Analyst: RNL Date Prep: 06.20.17 09.00 Basis: Wet Weight
 Seq Number: 3020314

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<25.0	25.0	mg/kg	06.20.17 15.26	U	1

Analytical Method: DRO By SW8015B Prep Method: SW8015P
 Tech: PGM % Moisture:
 Analyst: HJP Date Prep: 06.16.17 12.00 Basis: Wet Weight
 Seq Number: 3020093

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Diesel Range Organics (DRO)	C10C28DRO	340	50.0	mg/kg	06.17.17 00.49		2
C28-C35 Oil Range Hydrocarbons	PHCG2835	110	50.0	mg/kg	06.17.17 00.49		2

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Tricosane	638-67-5	3880	%	65-144	06.17.17 00.49	**
n-Triacontane	638-68-6	5380	%	46-152	06.17.17 00.49	**

Analytical Method: TPH GRO by EPA 8015 Mod. Prep Method: SW5030B
 Tech: MIT % Moisture:
 Analyst: MIT Date Prep: 06.16.17 14.00 Basis: Wet Weight
 Seq Number: 3019969

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
TPH-GRO	8006-61-9	<7.05	7.05	mg/kg	06.17.17 06.00	U	2

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	104	%	76-123	06.17.17 06.00	
a,a,a-Trifluorotoluene	98-08-8	105	%	69-120	06.17.17 06.00	



Certificate of Analytical Results 555530

BCC, Inc.-Lubbock, Lubbock, TX

Texland Petroleum

Sample Id: Sample 2J **Matrix:** Soil **Date Received:** 06.16.17 10.45
Lab Sample Id: 555530-010 **Date Collected:** 06.14.17 12.30
Analytical Method: Chloride by EPA 300 **Prep Method:** E300P
Tech: RNL **% Moisture:**
Analyst: RNL **Date Prep:** 06.20.17 09.00 **Basis:** Wet Weight
Seq Number: 3020314

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<25.0	25.0	mg/kg	06.20.17 15.38	U	1

Analytical Method: DRO By SW8015B **Prep Method:** SW8015P
Tech: PGM **% Moisture:**
Analyst: HJP **Date Prep:** 06.16.17 12.00 **Basis:** Wet Weight
Seq Number: 3020093

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Diesel Range Organics (DRO)	C10C28DRO	<25.0	25.0	mg/kg	06.17.17 01.57	U	1
C28-C35 Oil Range Hydrocarbons	PHCG2835	<25.0	25.0	mg/kg	06.17.17 01.57	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Tricosane	638-67-5	174	%	65-144	06.17.17 01.57	**
n-Triacontane	638-68-6	258	%	46-152	06.17.17 01.57	**

Analytical Method: TPH GRO by EPA 8015 Mod. **Prep Method:** SW5030B
Tech: MIT **% Moisture:**
Analyst: MIT **Date Prep:** 06.16.17 14.00 **Basis:** Wet Weight
Seq Number: 3019969

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
TPH-GRO	8006-61-9	<3.92	3.92	mg/kg	06.17.17 01.33	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	104	%	76-123	06.17.17 01.33	
a,a,a-Trifluorotoluene	98-08-8	113	%	69-120	06.17.17 01.33	



Certificate of Analytical Results 555530

BCC, Inc.-Lubbock, Lubbock, TX

Texland Petroleum

Sample Id: **Sample 2K** Matrix: Soil Date Received: 06.16.17 10.45
 Lab Sample Id: 555530-011 Date Collected: 06.14.17 12.40

Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: RNL % Moisture:
 Analyst: RNL Date Prep: 06.20.17 09.00 Basis: Wet Weight
 Seq Number: 3020314

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<25.0	25.0	mg/kg	06.20.17 16.03	U	1

Analytical Method: DRO By SW8015B Prep Method: SW8015P
 Tech: PGM % Moisture:
 Analyst: HJP Date Prep: 06.16.17 12.00 Basis: Wet Weight
 Seq Number: 3020093

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Diesel Range Organics (DRO)	C10C28DRO	<25.0	25.0	mg/kg	06.17.17 02.31	U	1
C28-C35 Oil Range Hydrocarbons	PHCG2835	<25.0	25.0	mg/kg	06.17.17 02.31	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Tricosane	638-67-5	162	%	65-144	06.17.17 02.31	**
n-Triacontane	638-68-6	244	%	46-152	06.17.17 02.31	**

Analytical Method: TPH GRO by EPA 8015 Mod. Prep Method: SW5030B
 Tech: MIT % Moisture:
 Analyst: MIT Date Prep: 06.16.17 14.00 Basis: Wet Weight
 Seq Number: 3019969

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
TPH-GRO	8006-61-9	<3.72	3.72	mg/kg	06.17.17 02.00	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	104	%	76-123	06.17.17 02.00	
a,a,a-Trifluorotoluene	98-08-8	113	%	69-120	06.17.17 02.00	



Certificate of Analytical Results 555530

BCC, Inc.-Lubbock, Lubbock, TX
 Texland Petroleum

Sample Id: **Sample 2L - Bottom** Matrix: Soil Date Received: 06.16.17 10.45
 Lab Sample Id: 555530-012 Date Collected: 06.14.17 12.50
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: RNL % Moisture:
 Analyst: RNL Date Prep: 06.20.17 09.00 Basis: Wet Weight
 Seq Number: 3020314

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<25.0	25.0	mg/kg	06.20.17 16.40	U	1

Analytical Method: DRO By SW8015B Prep Method: SW8015P
 Tech: PGM % Moisture:
 Analyst: HJP Date Prep: 06.16.17 12.00 Basis: Wet Weight
 Seq Number: 3020093

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Diesel Range Organics (DRO)	C10C28DRO	560	50.0	mg/kg	06.17.17 03.05		5
C28-C35 Oil Range Hydrocarbons	PHCG2835	330	50.0	mg/kg	06.17.17 03.05		5

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Tricosane	638-67-5	7300	%	65-144	06.17.17 03.05	**
n-Triacontane	638-68-6	12200	%	46-152	06.17.17 03.05	**

Analytical Method: TPH GRO by EPA 8015 Mod. Prep Method: SW5030B
 Tech: MIT % Moisture:
 Analyst: MIT Date Prep: 06.16.17 14.00 Basis: Wet Weight
 Seq Number: 3019969

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
TPH-GRO	8006-61-9	<7.69	7.69	mg/kg	06.17.17 06.27	U	2

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	96	%	76-123	06.17.17 06.27	
a,a,a-Trifluorotoluene	98-08-8	105	%	69-120	06.17.17 06.27	



Certificate of Analytical Results 555530

BCC, Inc.-Lubbock, Lubbock, TX
 Texland Petroleum

Sample Id: **Sample 2M** Matrix: Soil Date Received: 06.16.17 10.45
 Lab Sample Id: 555530-013 Date Collected: 06.14.17 13.00
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: RNL % Moisture:
 Analyst: RNL Date Prep: 06.20.17 09.00 Basis: Wet Weight
 Seq Number: 3020314

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<25.0	25.0	mg/kg	06.20.17 17.05	U	1

Analytical Method: DRO By SW8015B Prep Method: SW8015P
 Tech: PGM % Moisture:
 Analyst: HJP Date Prep: 06.16.17 12.00 Basis: Wet Weight
 Seq Number: 3020093

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Diesel Range Organics (DRO)	C10C28DRO	<25.0	25.0	mg/kg	06.17.17 04.11	U	1
C28-C35 Oil Range Hydrocarbons	PHCG2835	<25.0	25.0	mg/kg	06.17.17 04.11	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Tricosane	638-67-5	148	%	65-144	06.17.17 04.11	**
n-Triacontane	638-68-6	215	%	46-152	06.17.17 04.11	**

Analytical Method: TPH GRO by EPA 8015 Mod. Prep Method: SW5030B
 Tech: MIT % Moisture:
 Analyst: MIT Date Prep: 06.16.17 14.00 Basis: Wet Weight
 Seq Number: 3019969

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
TPH-GRO	8006-61-9	<3.95	3.95	mg/kg	06.17.17 02.26	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	104	%	76-123	06.17.17 02.26	
a,a,a-Trifluorotoluene	98-08-8	113	%	69-120	06.17.17 02.26	



Flagging Criteria

- X** In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.
- B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E** The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F** RPD exceeded lab control limits.
- J** The target analyte was positively identified below the quantitation limit and above the detection limit.
- U** Analyte was not detected.
- L** The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K** Sample analyzed outside of recommended hold time.
- JN** A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

+ NELAC certification not offered for this compound.

* (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

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(210) 509-3334	(210) 509-3335
(432) 563-1800	(432) 563-1713
(602) 437-0330	



BCC, Inc.-Lubbock
Texland Petroleum

Analytical Method: Chloride by EPA 300

Seq Number: 3020314

MB Sample Id: 726386-1-BLK

Matrix: Solid

LCS Sample Id: 726386-1-BKS

Prep Method: E300P

Date Prep: 06.20.17

LCSD Sample Id: 726386-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<25.0	250	238	95	248	99	90-110	4	20	mg/kg	06.20.17 12:57	

Analytical Method: Chloride by EPA 300

Seq Number: 3020314

Parent Sample Id: 555530-001

Matrix: Soil

MS Sample Id: 555530-001 S

Prep Method: E300P

Date Prep: 06.20.17

MSD Sample Id: 555530-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<25.0	250	260	104	258	103	80-120	1	20	mg/kg	06.20.17 13:34	

Analytical Method: Chloride by EPA 300

Seq Number: 3020314

Parent Sample Id: 555530-011

Matrix: Soil

MS Sample Id: 555530-011 S

Prep Method: E300P

Date Prep: 06.20.17

MSD Sample Id: 555530-011 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<25.0	250	263	105	256	102	80-120	3	20	mg/kg	06.20.17 16:15	

Analytical Method: DRO By SW8015B

Seq Number: 3020093

MB Sample Id: 726336-1-BLK

Matrix: Solid

LCS Sample Id: 726336-1-BKS

Prep Method: SW8015P

Date Prep: 06.16.17

LCSD Sample Id: 726336-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Diesel Range Organics (DRO)	<25.0	100	90.5	91	78.2	78	63-139	15	20	mg/kg	06.16.17 16:48	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
Tricosane	106		116		117		65-144	%	06.16.17 16:48
n-Triacontane	145		152		130		46-152	%	06.16.17 16:48

Analytical Method: DRO By SW8015B

Seq Number: 3020093

Parent Sample Id: 555530-001

Matrix: Soil

MS Sample Id: 555530-001 S

Prep Method: SW8015P

Date Prep: 06.16.17

MSD Sample Id: 555530-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Diesel Range Organics (DRO)	<25.0	100	66.1	66	96.7	97	63-139	38	20	mg/kg	06.16.17 18:46	F

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
Tricosane	139		164	**	65-144	%	06.16.17 18:46
n-Triacontane	220	**	229	**	46-152	%	06.16.17 18:46



BCC, Inc.-Lubbock
Texland Petroleum

Analytical Method: TPH GRO by EPA 8015 Mod.

Seq Number: 3019969

MB Sample Id: 726231-1-BLK

Matrix: Solid

LCS Sample Id: 726231-1-BKS

Prep Method: SW5030B

Date Prep: 06.16.17

LCSD Sample Id: 726231-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
TPH-GRO	<4.00	20.0	18.9	95	19.1	96	35-129	1	20	mg/kg	06.16.17 19:19	
Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date			
4-Bromofluorobenzene	111		119		117		76-123	%	06.16.17 19:19			
a,a,a-Trifluorotoluene	117		116		110		69-120	%	06.16.17 19:19			

Analytical Method: TPH GRO by EPA 8015 Mod.

Seq Number: 3019969

Parent Sample Id: 555530-001

Matrix: Soil

MS Sample Id: 555530-001 S

Prep Method: SW5030B

Date Prep: 06.16.17

MSD Sample Id: 555530-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
TPH-GRO	<3.95	19.8	17.4	88	17.3	93	35-129	1	20	mg/kg	06.16.17 21:33	
Surrogate			MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date			
4-Bromofluorobenzene			112		113		76-123	%	06.16.17 21:33			
a,a,a-Trifluorotoluene			98		111		69-120	%	06.16.17 21:33			

Brandon & Clark
3403 Industrial Blvd.
Hobbs, NM 88240
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Fax (575) 392-4508

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Fax (915) 585-4944
1 (888) 588-3443

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Midland, Texas 79703
Tel (432) 689-6301
Fax (432) 689-6313

6701 Aberdeen Avenue, Suite 9
Lubbock, Texas 79424
Tel (806) 794-1296
Fax (806) 794-1298
1 (800) 378-1296

LAB Order ID # 555530
TraceAnalysis, Inc.
email: lab@traceanalysis.com

Company Name: **BCC, Inc.** Phone #: **806. 771. 8033**
 Address: (Street, City, Zip) **3302 122nd Lubbock, TX 79423 806. 687. 6926**
 Contact Person: **Paul Porter** E-mail: **bcccorp@aol.com**
 Invoice to: **P.O. Box 53427 Lubbock TX 79453**
 (if different from above)
 Project #: **Texland Petroleum**
 Project Location (including state): **Lea YL State # 2 (NM)**
 Sampler Signatures: **Paul Porter**

ANALYSIS REQUEST (Circle or Specify Method No.)

MTBE	8021 / 602 / 8260 / 624	✓
BTEX	8021 / 602 / 8260 / 624	✓
TPH 418.1 / TX1005 / TX1005 Ext(C35)	TPH 8015 GRO / DRO / TVHC	✓
PAH 8270 / 626	TPH 8270 / 626	✓
Total Metals Ag As Ba Cd Cr Pb Se Hg	6010/200.7	✓
TCLP Metals Ag As Ba Cd Cr Pb Se Hg		✓
TCLP Volatiles		✓
TCLP Semi Volatiles		✓
TCLP Pesticides		✓
RCI		✓
GC/MS Vol. 8260 / 624		✓
GC/MS Semi. Vol. 8270 / 625		✓
PCB's 8082 / 608		✓
Pesticides 8081 / 608		✓
BOD, TSS, pH		✓
Moisture Content		✓
Cl ⁻ , SO ₄ ²⁻ , NO ₃ ⁻ , NO ₂ ⁻ , PO ₄ ³⁻ , Alkalinity		✓
Na, Ca, Mg, K, TDS, EC		✓
Turn Around Time if different from standard		✓

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX			PRESERVATIVE METHOD			SAMPLING		REMARKS:		
				WATER	SOIL	AIR	SLUDGE	HCl	HNO ₃	H ₂ SO ₄	NaOH		ICE	NONE
001	Sample 2A	1		✓								✓	6/14 11:00	
002	2B	1		✓								✓	6/14 11:10	
003	2C	1		✓								✓	6/14 11:20	
004	2D	1		✓								✓	6/14 11:30	
005	2E	1		✓								✓	6/14 11:40	
006	2F - Bottom	1		✓								✓	6/14 11:50	
007	2G	1		✓								✓	6/14 12:00	
008	2H	1		✓								✓	6/14 12:10	
009	2I - Bottom	1		✓								✓	6/14 12:20	
010	2J	1		✓								✓	6/14 12:30	
011	2K	1		✓								✓	6/14 12:40	

LAB USE ONLY

Received by: **Paul Porter** Company: **BCC, Inc.** Date: **6/16/17** Time: **10:45**

Reinquinshed by: **Paul Porter** Company: **BCC, Inc.** Date: **6/16/17** Time: **10:45**

Reinquinshed by: **Paul Porter** Company: **BCC, Inc.** Date: **6/16/17** Time: **10:45**

INST OBS COR INST OBS COR INST OBS COR

Intact Y / N

Headspace Y / N / NA

Log-in-Review

Dry Weight Basis Required

TRRP Report Required

Check if Special Reporting Limits Are Needed

Carrier # **3**

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C. O. C.

Revision 1, 09/15/15

ORIGINAL COPY



XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: BCC, Inc.-Lubbock

Date/ Time Received: 06/16/2017 10:45:00 AM

Work Order #: 555530

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient
Temperature Measuring device used : IR3

Sample Receipt Checklist	Comments
#1 *Temperature of cooler(s)?	5.9
#2 *Shipping container in good condition?	Yes
#3 *Samples received on ice?	Yes
#4 *Custody Seal present on shipping container/ cooler?	No
#5 *Custody Seals intact on shipping container/ cooler?	N/A
#6 Custody Seals intact on sample bottles?	N/A
#7 *Custody Seals Signed and dated?	N/A
#8 *Chain of Custody present?	Yes
#9 Sample instructions complete on Chain of Custody?	Yes
#10 Any missing/extra samples?	No
#11 Chain of Custody signed when relinquished/ received?	Yes
#12 Chain of Custody agrees with sample label(s)?	Yes
#13 Container label(s) legible and intact?	Yes
#14 Sample matrix/ properties agree with Chain of Custody?	Yes
#15 Samples in proper container/ bottle?	Yes
#16 Samples properly preserved?	Yes
#17 Sample container(s) intact?	Yes
#18 Sufficient sample amount for indicated test(s)?	Yes
#19 All samples received within hold time?	Yes
#20 Subcontract of sample(s)?	No
#21 VOC samples have zero headspace?	N/A

* Must be completed for after-hours delivery of samples prior to placing in the refrigerator

Analyst:

PH Device/Lot#:

Checklist completed by:



Ashley Derstine

Date: 06/16/2017

Checklist reviewed by:



Holly Taylor

Date: 06/19/2017

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Phone: (505) 476-3441

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

QUESTIONS

Action 580722

QUESTIONS

Operator: TEXLAND PETROLEUM-HOBBS, LLC 600 Bailey Ave, Suite 150 Fort Worth, TX 76107	OGRID: 113315
	Action Number: 580722
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	nOY1707247923
Incident Name	NOY1707247923 LEA YL STATE #002 @ 30-025-31005
Incident Type	Oil Release
Incident Status	Reclamation Report Received
Incident Well	[30-025-31005] LEA YL STATE #002

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	LEA YL STATE #002
Date Release Discovered	03/13/2017
Surface Owner	State

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

Nature and Volume of Release	
<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 Flow Line - Production Crude Oil Released: 0 BBL Recovered: 0 BBL Lost: 0 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure Flow Line - Production Produced Water Released: 0 BBL Recovered: 0 BBL Lost: 0 BBL.
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 580722

QUESTIONS (continued)

Operator: TEXLAND PETROLEUM-HOBBS, LLC 600 Bailey Ave, Suite 150 Fort Worth, TX 76107	OGRID: 113315
	Action Number: 580722
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	More info needed to determine if this will be treated as a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Unavailable.
Reasons why this would be considered a submission for a notification of a major release	Unavailable.

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Vickie Smith Title: Regulatory Analyst Email: vsmith@texpetro.com Date: 04/30/2026
--	---

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QUESTIONS, Page 3

Action 580722

QUESTIONS (continued)

Operator: TEXLAND PETROLEUM-HOBBS, LLC 600 Bailey Ave, Suite 150 Fort Worth, TX 76107	OGRID: 113315
	Action Number: 580722
	Action Type: [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 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between ½ and 1 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between ½ and 1 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between ½ and 1 (mi.)
Any other fresh water well or spring	Between ½ and 1 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between ½ and 1 (mi.)
A subsurface mine	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)	31.9
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	890
GRO+DRO (EPA SW-846 Method 8015M)	790
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

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	03/14/2017
On what date will (or did) the final sampling or liner inspection occur	06/14/2017
On what date will (or was) the remediation complete(d)	08/17/2017
What is the estimated surface area (in square feet) that will be reclaimed	6000
What is the estimated volume (in cubic yards) that will be reclaimed	517
What is the estimated surface area (in square feet) that will be remediated	6000
What is the estimated volume (in cubic yards) that will be remediated	517

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 580722

QUESTIONS (continued)

Operator: TEXLAND PETROLEUM-HOBBS, LLC 600 Bailey Ave, Suite 150 Fort Worth, TX 76107	OGRID: 113315
	Action Number: 580722
	Action Type: [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 off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	FEEM0112342028 LEA LAND LANDFILL
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

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: Vickie Smith Title: Regulatory Analyst Email: vsmith@texpetro.com Date: 04/30/2026
--	---

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 580722

QUESTIONS (continued)

Operator: TEXLAND PETROLEUM-HOBBS, LLC 600 Bailey Ave, Suite 150 Fort Worth, TX 76107	OGRID: 113315
	Action Number: 580722
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Deferral Requests Only	
<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 580722

QUESTIONS (continued)

Operator: TEXLAND PETROLEUM-HOBBS, LLC 600 Bailey Ave, Suite 150 Fort Worth, TX 76107	OGRID: 113315
	Action Number: 580722
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	543863
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/22/2026
What was the (estimated) number of samples that were to be gathered	20
What was the sampling surface area in square feet	14000

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	6000
What was the total volume (cubic yards) remediated	517
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	6000
What was the total volume (in cubic yards) reclaimed	517
Summarize any additional remediation activities not included by answers (above)	n/a

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: Vickie Smith Title: Regulatory Analyst Email: vsmith@texpetro.com Date: 04/30/2026
--	---

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QUESTIONS, Page 7

Action 580722

QUESTIONS (continued)

Operator: TEXLAND PETROLEUM-HOBBS, LLC 600 Bailey Ave, Suite 150 Fort Worth, TX 76107	OGRID: 113315
	Action Number: 580722
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Reclamation Report	
<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	6000
What was the total volume of replacement material (in cubic yards) for this site	517
<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)	04/29/2026
Summarize any additional reclamation activities not included by answers (above)	n/a
<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: Vickie Smith Title: Regulatory Analyst Email: vsmith@texpetro.com Date: 04/30/2026

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QUESTIONS, Page 8

Action 580722

QUESTIONS (continued)

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	Action Number: 580722
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Revegetation Report	
<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 580722

CONDITIONS

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	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	5/6/2026