JUDAH OIL LLC

FORD STATE #001
Incident #NKMW1106735785
API No. 30-015-22512

C-02-22S-28E

NMSLO Lease #E42050002

Reported: 32.4285774,-104.0585175 NAD83

Correct Location: 32.42672820,-104.05716678 NAD83



2525 NW County Rd Hobbs, NM 88240 (575) 392-9996

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Introduction

This report documents site history and remediation activities for the Ford State #001 release. The release is located on State of New Mexico trust land (NMSLO Lease #E42050002), and this report is prepared to address both New Mexico Oil Conservation Division (NMOCD) and New Mexico State Land Office (NMSLO) requirements. The report is prepared by Diamondback Disposal Services, Inc. (Diamondback) on behalf of Judah Oil LLC (Judah), under Incident # NKMW1106735785, assigned by NMOCD.

The release occurred in 2011 as a result of a flowline rupture. Initial excavation and remediation were performed that year under the regulatory standards and practices in effect at the time. Subsequent phases of documentation, sampling, and reporting, including delineation work performed in 2020 and 2024, have been prepared under the current NMOCD regulations in 19.15.29 NMAC, effective August 14, 2018.

Over the years, Judah has worked with several environmental consultants and contractors to complete required site work, including initial excavation by Munsen Construction, remediation and supplemental excavation by Souder, Miller & Associates (2020), and delineation sampling and reporting by Pima Environmental Services (2023–2024). This final closure report and variance request is prepared by Diamondback Disposal Services, Inc.

The release site is located in Unit C, Section 2, Township 22S, Range 28E, at corrected coordinates 32.42672820, -104.05716678 (NAD83). Previous reports and OCD records listed 32.4285774, -104.0585175, which reference the well location rather than the actual release. This report corrects that error and uses accurate site coordinates for all figures and documentation.

The site may be accessed as follows:

- 1. From the intersection of US 62/180 and West Road, head west on 62/180 for 0.3 miles to a lease road on the left.
- 2. Turn left and head southeast for 4.3 miles to a T in the road.
- 3. Turn left and head east for 1.2 miles to a lease road on the left.
- 4. Turn left and head north for 0.2 miles to a two-track road on the left.
- 5. Turn left and follow the two-track for 0.1 miles to the spill location.

This report has been prepared in accordance with 19.15.29 NMAC and applicable State Land Office reclamation requirements, including 19.15.29.13.D(3) NMAC, to consolidate the site history, document current conditions, and support a formal variance request.

Judah Oil LLC and Diamondback Disposal Services, Inc. respectfully submit this report, including supporting documentation, NDVI imagery, and a formal variance request, as a complete record of site activities and to support final closure approval under the current incident.

Site Characterization

Public records from the New Mexico Office of the State Engineer (Appendix B) show no registered domestic or supply water wells within 1/2 mile of the Ford State #001 release. One exploratory boring (POD2 Indian Flats Bass Fed SWD SB-9, OSE File CP01171), located within 1/2 mile of the release site, was drilled to 110 feet below ground surface in 2013 and found no water-bearing zones. The boring was subsequently plugged and abandoned upon completion of sampling.

The nearest known freshwater point of diversion is POD2 CP01710 (160 feet total depth, 149 ft static water level), located at Eclipse Global Quahada RV Park approximately 4.6 miles northwest of the release site. This also represents the nearest occupied residence.

The Pecos River is located approximately 5.5 miles southeast of the site. The nearest active subsurface mine (Mosaic Potash) is more than 5 miles from the release. The site is not located in a mapped flood zone.

The project area lies approximately 1000 feet from a planned habitat zone for Wright's Water Willow (Justicia wrightii), identified in BLM planning records (Appendix A). The site is classified as CHAT Level 4 (Appendix A) and does not overlap any federally designated critical habitat. According to the USFWS IPaC project review for Ford State One Closure Reporting (Project Code 2025-0112051, dated June 20, 2025), seven federally listed species may occur within the project area. No critical habitat is present. Bald Eagles may occur in the area, with a breeding season from October 15 through July 31. Several migratory birds of concern may also be present. Because no new surface disturbance is currently planned and the variance request would avoid further excavation, no impacts to listed species or their habitat are anticipated. The full IPaC species list is included in Appendix A.

Geologic mapping identifies this area as having medium karst potential, which is equivalent to low potential under the older NMOCD classification standards (Appendix A). The release location satisfies State Land Office and NMOCD site classification requirements.

Groundwater in the project area is classified under closure criteria for groundwater depths greater than 100 feet below ground surface, consistent with exploratory boring records and SMA 2020 groundwater determination. The site is not classified as sensitive under 19.15.29.12.C(4) NMAC. Closure criteria protective of groundwater were applied consistent with this classification. Standards for groundwater depths less than 50 feet bgs were applied in the upper four feet of excavation, with criteria for depths greater than 100 feet bgs applied below that depth. (See Table Below)

Table 1: NMAC 19.15.29.12 Closure Criteria

Groundwater Depth	Chloride (mg/kg)	TPH (GRO+DRO+MRO) (mg/kg)	GRO+DRO (mg/kg)	BTEX (mg/kg)	Benzene (mg/kg)
<50 feet	600	100	N/A	50	10
>100 feet	20,000	2,500	1,000	50	10

Chronological Summary of Remediation/Reclamation Activities

2011 Initial Release, Excavation, and Reclamation

On February 4, 2011, a flowline rupture released crude oil and produced water at the Ford State #001 lease. The release was reported to NMOCD under the standards in place at that time. Initial excavation of impacted soils was performed by Munson Construction, removing a total of 346 cubic yards of material, which was disposed at Sundance Services (Appendix F). Haul tickets and invoices indicate that disposal occurred between March 25 and March 31, 2011. Witness testimony from Blaise Campanella confirms that the 2011 excavation was not backfilled. No formal closure report has been located, and no sampling records or analytical data are available from the 2011 excavation.

2020 SMA Remediation Plan

In early 2020, Judah Oil LLC retained Souder, Miller & Associates (SMA) to perform delineation sampling and prepare a remediation plan for the site. SMA conducted delineation sampling during February, April, and June 2020. The remediation plan was submitted to NMOCD on July 6, 2020 (Appendix E: Communications). The plan included a proposed sampling map showing intended areas for treatment and excavation. The plan was not formally approved before subsequent field activities were initiated.

2020 Excavation by Rockstar Packing LLC

In late July 2020, Judah Oil LLC contracted Rockstar Packing LLC to perform excavation at the site under the direction of Souder, Miller & Associates (SMA). Excavation was conducted between July 20 and July 27, 2020, following SMA's guidance. Additional areas were excavated based on SMA's delineation. However, no records of confirmation sampling or liner installation have been located. The site was fully excavated to the depths required by the SMA plan and field conditions; as a result, liner installation was determined to be unnecessary. Judah Oil was not aware at the time that confirmation sampling would be required prior to backfill and was directed to proceed with backfilling. The excavation was therefore completed without confirmation sampling or complete field documentation. Lea Land disposal tickets (Appendix F) show that 210 tons of impacted material were excavated and transported for disposal on July 27 and July 28, 2020. The site was backfilled using material hauled

from Judah Oil's Sandpoint Yard, located approximately 7 miles due north of the release site. The material consisted of surplus topsoil stockpiled during the original construction of the Sandpoint Yard pad, as confirmed through witness testimony from Blaise Campanella. As a result, the incident remained open.

2024 Delineation and Excavation by Rockstar Packing LLC

In early 2024, Judah Oil LLC engaged Pima Environmental Services as the environmental consultant to perform new delineation sampling to document current site conditions. No excavation activities were performed during this phase. Pima directed the delineation sampling, which was conducted using an anchor machine. OCD was notified of the planned sampling on March 5, 2024. Field sampling was performed on March 7, 2024. No OCD representative was present during the sampling activities. A copy of the OCD notification is included in Pima's closure report, which is provided in the Communications appendix of this report and as Appendix C of Pima's report. The SMA 2020 proposed sampling map, Pima 2024 sampling map, and results are included in Appendix C (Site Delineation and Sampling). The April 2024 closure report prepared by Pima did not fully explain the sequence of events and contributed to further confusion in the project record.

2025 Delineation Boring, NDVI Documentation, and Variance Preparation

Diamondback Disposal Services became involved in this incident as a reclamation contractor for the Ford State #001 wellsite location. During preparation for wellsite reclamation, it became necessary to resolve the outstanding closure requirements for the historical release in order to complete the overall reclamation task.

On February 17, 2025, Diamondback conducted an additional vertical delineation boring at SMA point S1. The sample, labeled SP3, was collected at 7 feet below ground surface. Prior to sampling, notification was sent to the New Mexico Oil Conservation Division (NMOCD) and the New Mexico State Land Office (NMSLO) on February 13, 2025. This sampling was performed after Diamondback and Judah Oil were advised during a meeting held on August 28, 2024, attended by representatives of the NMSLO, NMOCD, Diamondback, and Judah Oil, that a confirmation boring would allow the incident to be closed. It was later determined that additional unresolved issues existed in the project record, which led to the need for the present variance request. The laboratory results from this sample are included in Appendix G.

Diamondback also performed an NDVI analysis to evaluate vegetative recovery at the site. NDVI imagery was acquired on June 9, 2025 (Appendix D). Documentation of the NDVI results is provided

in Appendix D and further expanded upon in the Variance Request section of this report. Current site conditions show successful vegetative cover exceeding that of surrounding areas.

This report has been prepared to consolidate the full site record and to request variance approval under 19.15.29.14.B NMAC to close the incident without further unnecessary disturbance.

Current Site Conditions

Current site conditions have been evaluated through both field observations and NDVI (Normalized Difference Vegetation Index) analysis. Aerial imagery was acquired on June 9, 2025, using a DJI Mavic 3 Multispectral unmanned aerial system. NDVI processing and analysis documented vegetative cover at the subject area of 17.06 percent. The average vegetative cover of four surrounding undisturbed reference areas was calculated at 14.48 percent. The subject area thus achieves 117.82 percent of the average reference cover, exceeding the standard required under 19.15.29.13.D(3) NMAC:

"The division will consider reclamation of all disturbed areas complete when uniform vegetative cover has been established that reflects a life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds."

The full NDVI Determination report, supporting maps, and field photo documentation are provided in Appendix D. The site satisfies regulatory criteria for reclamation. A formal variance request is submitted with this report to resolve remaining documentation discrepancies and support final closure approval.

Variance Request

Judah Oil LLC respectfully requests a variance under 19.15.29.14 NMAC related to Incident ID nKMW1106735785. The site has undergone multiple phases of excavation and remediation beginning in 2011 and continuing through 2025. Historical records for portions of the work are incomplete, and confirmation sampling records are not available for all phases. It is acknowledged that the site has not been sampled in the preferred 200 square foot sidewall and floor pattern. However, all sampling data collected to date by multiple consultants has shown no remaining impacts exceeding closure criteria. The original sample summaries, site mapping, and georeferenced sampling figures are provided in Appendix C.

This report has been prepared to consolidate all known records, supported by witness testimony, disposal documentation, delineation sampling, NDVI analysis, and current site photography.

Judah Oil LLC addresses the applicable elements of 19.15.29.13 NMAC as follows:

- 19.15.29.13.A: The site has been returned to a condition consistent with surrounding land use. The site is located on State Land Office property, and current use remains consistent with historic grazing and native rangeland.
- 19.15.29.13.B: The site was recontoured during the 2020 remediation phase to provide stable grades and positive drainage. No areas of ponding or instability are present.

- 19.15.29.13.C: There are no active surface use agreements or conflicting surface development at this location. The reclamation condition satisfies State Land Office requirements.
- 19.15.29.13.D(3): Vegetative cover has been established that meets the requirements of this section. NDVI analysis confirms that vegetative cover at the subject area is 117.82 percent of the average reference cover. The full NDVI Determination report is provided in Appendix D.

Groundwater in the project area is classified under closure criteria for depths greater than 100 feet bgs, and no sensitive groundwater conditions exist at the site. Even in the unlikely event that minor residual impacts remain, they pose no threat to groundwater resources. Current site conditions meet reclamation standards under 19.15.29.13 NMAC in full. NDVI analysis and field observations confirm that the site supports a thriving vegetative community, with cover exceeding that of surrounding undisturbed areas. Re-excavating the site would serve no protective purpose and would in fact disrupt an obviously well-established and functioning ecosystem.

Judah Oil LLC has been the operator of record throughout the life of this incident. Judah Oil is not an environmental firm and has relied upon the expertise of multiple contracted environmental consultants to perform required site work and documentation. Unfortunately, past consultants have failed to properly document the work performed and have contributed to the complexity of this closure. Judah Oil LLC has acted in good faith at all times and has consistently made every effort to resolve the release in compliance with NMOCD regulations. Pursuant to 19.15.29.14.B NMAC, Judah Oil LLC submits this variance request and demonstrates that the objectives of 19.15.29 NMAC have been met through the alternative means presented herein.

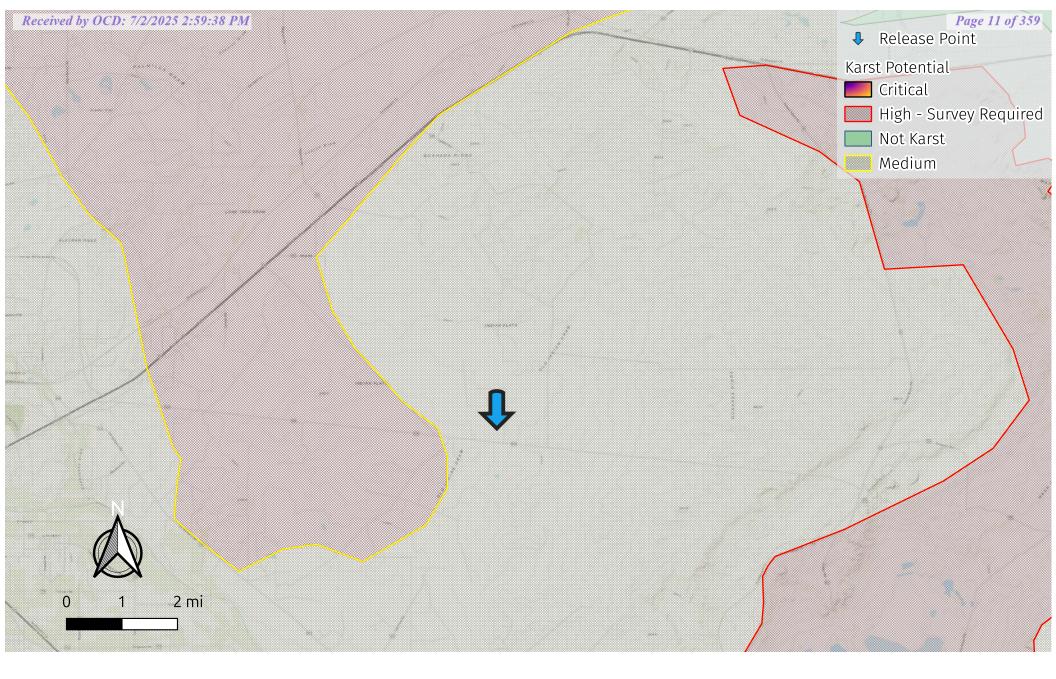
Conclusion

Remediation and reclamation activities at the Ford State #001 release, located in Unit C, Section 2, Township 22 South, Range 28 East, at coordinates 32.42672820, -104.05716678, have been completed through multiple phases of work from 2011 to 2024. The project addressed a release of crude oil and produced water originally reported on February 18, 2011. A total of 346 cubic yards of impacted material were removed in 2011, and 210 tons were removed in 2020. Historical documentation gaps remain, but all known records and supporting documentation have been provided in this report.

The site has been recontoured and reclaimed to match surrounding land use and drainage patterns. NDVI analysis and site observations confirm that current vegetative cover exceeds the standard required under 19.15.29.13.D(3) NMAC. There is no threat to groundwater or other environmental resources at this location. Judah Oil LLC has prepared this report in accordance with 19.15.29 NMAC to document the full site history.

Due to prior consultant failures and incomplete documentation, Judah Oil LLC requests that a variance under 19.15.29.14.B NMAC be approved. Re-excavation of the site would serve no protective purpose and would unnecessarily disrupt an already reclaimed and established ecosystem. Judah Oil LLC respectfully requests that the variance be granted and the release formally closed.

Appendix A Site Characterization



JUDAH OIL LLC FORD STATE #001 @ 30-015-22512 Incident #nKMW1106735785 32.4285774,-104.0585175 NAD83 NMSLO Lease #E42050002



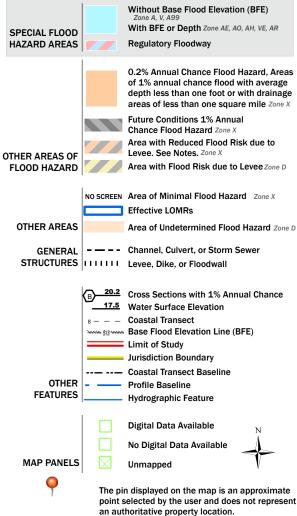
Diamondback Disposal Services, Inc P.O. Box 2491 Hobbs, NM 88241 575-392-9996

National Flood Hazard Layer FIRMette





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

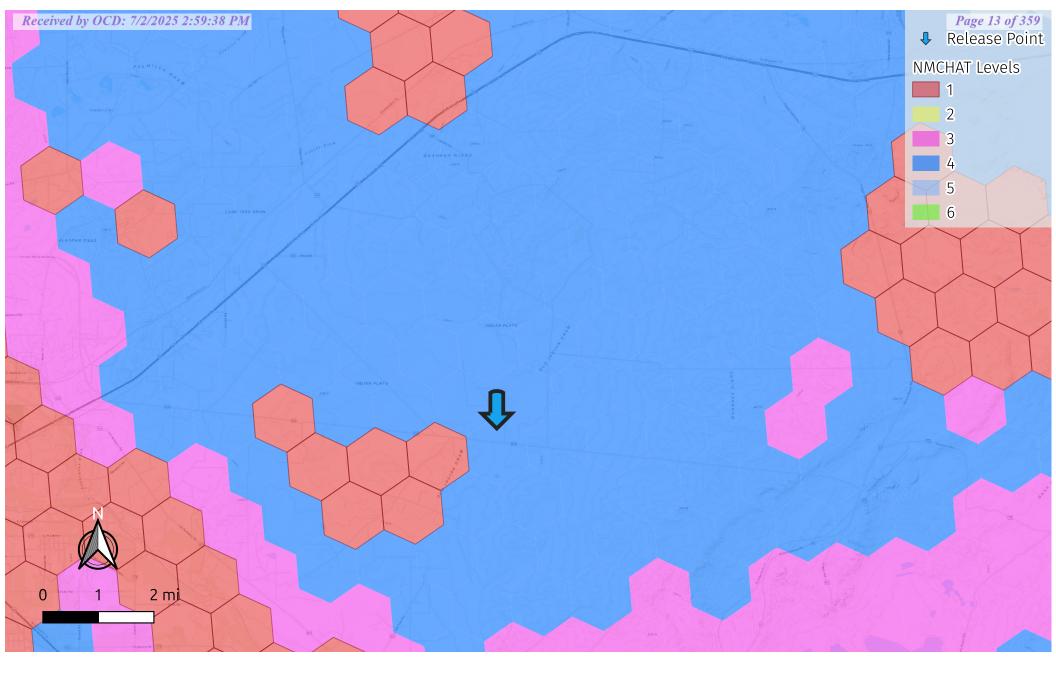


This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 6/20/2025 at 3:16 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

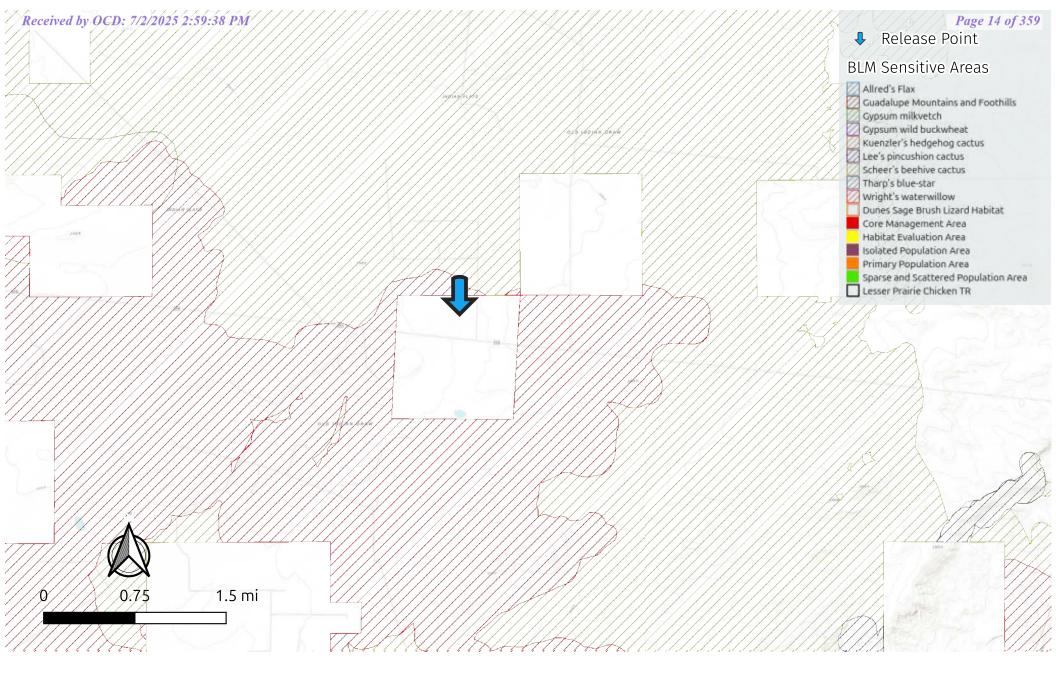




JUDAH OIL LLC FORD STATE #001 @ 30-015-22512 Incident #nKMW1106735785 32.4285774,-104.0585175 NAD83 NMSLO Lease #E42050002



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



JUDAH OIL LLC FORD STATE #001 @ 30-015-22512 Incident #nKMW1106735785 32.4285774,-104.0585175 NAD83 NMSLO Lease #E42050002

Released to Imaging: 10/1/2025 10:43:35 AM



Diamondback Disposal Services, Inc 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: 06/20/2025 15:22:58 UTC

Project Code: 2025-0112051

Project Name: Ford State One Closure Reporting

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

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

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 SUMMARY

Project Code: 2025-0112051

Project Name: Ford State One Closure Reporting

Project Type: Spill Response

Project Description: This is ahistorical spill site from 2011 that was never closed. W intend to

finalixe closure. No work is needed just reporting.

Project Location:

The approximate location of the project can be viewed in Google Maps: https://www.google.com/maps/@32.42657435,-104.05677157496149,14z



Counties: Eddy County, New Mexico

ENDANGERED SPECIES ACT SPECIES

There is a total of 7 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. <u>NOAA Fisheries</u>, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

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BIRDS

NAME STATUS

Mexican Spotted Owl Strix occidentalis lucida

Threatened

There is **final** critical habitat for this species. Your location does not overlap the critical habitat.

Species profile: https://ecos.fws.gov/ecp/species/8196

Northern Aplomado Falcon Falco femoralis septentrionalis

Experimental Population,

Population: U.S.A (AZ, NM) No critical habitat has been designated for this species.

Non-

Species profile: https://ecos.fws.gov/ecp/species/1923

Essential

Piping Plover Charadrius melodus

Threatened

Population: [Atlantic Coast and Northern Great Plains populations] - Wherever found, except

those areas where listed as endangered.

There is **final** critical habitat for this species. Your location does not overlap the critical habitat.

Species profile: https://ecos.fws.gov/ecp/species/6039

CLAMS

NAME STATUS

Texas Hornshell *Popenaias popeii*

Endangered

There is **proposed** critical habitat for this species. Your location does not overlap the critical

habitat.

Species profile: https://ecos.fws.gov/ecp/species/919

INSECTS

NAME **STATUS**

Monarch Butterfly *Danaus plexippus*

Proposed

Threatened

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

FLOWERING PLANTS

NAME **STATUS**

Lee Pincushion Cactus Coryphantha sneedii var. leei

Threatened

No critical habitat has been designated for this species.

Species profile: https://ecos.fws.gov/ecp/species/2504

Sneed Pincushion Cactus Coryphantha sneedii var. sneedii

Endangered

No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/4706

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 <u>Bald and Golden Eagle Protection Act</u> 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)

There are Bald Eagles and/or Golden Eagles in your project area.

Measures for Proactively Minimizing Eagle Impacts

For information on how to best avoid and minimize disturbance to nesting bald eagles, please review the <u>National Bald Eagle Management Guidelines</u>. You may employ the timing and activity-specific distance recommendations in this document when designing your project/ activity to avoid and minimize eagle impacts. For bald eagle information specific to Alaska, please refer to Bald Eagle Nesting and Sensitivity to Human Activity.

The FWS does not currently have guidelines for avoiding and minimizing disturbance to nesting Golden Eagles. For site-specific recommendations regarding nesting Golden Eagles, please consult with the appropriate Regional <u>Migratory Bird Office</u> or <u>Ecological Services Field Office</u>.

If disturbance or take of eagles cannot be avoided, an <u>incidental take permit</u> may be available to authorize any take that results from, but is not the purpose of, an otherwise lawful activity. For assistance making this determination for Bald Eagles, visit the <u>Do I Need A Permit Tool</u>. For assistance making this determination for golden eagles, please consult with the appropriate Regional <u>Migratory Bird Office</u> or <u>Ecological Services Field Office</u>.

Ensure Your Eagle List is Accurate and Complete

If your project area is in a poorly surveyed area in IPaC, your list may not be complete and you may need to rely on other resources to determine what species may be present (e.g. your local FWS field office, state surveys, your own surveys). Please review the Supplemental Information on Migratory Birds and Eagles, to help you properly interpret the report for your specified location, including determining if there is sufficient data to ensure your list is accurate.

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

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NAME BREEDING SEASON

Bald Eagle *Haliaeetus leucocephalus*

This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.

https://ecos.fws.gov/ecp/species/1626

Breeds Oct 15 to Jul 31

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 (

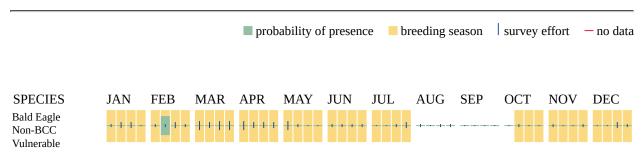
Yellow bars; liberal estimate of the timeframe inside which the bird breeds across its entire range.

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-incidental-take-migratory-birds

Nationwide avoidance and minimization measures for birds https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf

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

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
Bald Eagle <i>Haliaeetus leucocephalus</i> This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities. https://ecos.fws.gov/ecp/species/1626	Breeds Oct 15 to Jul 31
Cactus Wren <i>Campylorhynchus brunneicapillus guttatus</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/8834	Breeds Mar 5 to Sep 30
Cassin's Sparrow <i>Peucaea cassinii</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/9512	Breeds Aug 1 to Oct 10
Chestnut-collared Longspur <i>Calcarius ornatus</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9437	Breeds elsewhere

10 of 14

NAME	BREEDING SEASON
Clark's Grebe <i>Aechmophorus clarkii</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/10575	Breeds Jun 1 to Aug 31
Eastern Meadowlark <i>Sturnella magna</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/9455	Breeds Apr 25 to Aug 31
Ferruginous Hawk <i>Buteo regalis</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/6038	Breeds Mar 15 to Aug 15
Henry's Common Nighthawk <i>Chordeiles minor henryi</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/11979	Breeds May 21 to Aug 25
Long-billed Curlew <i>Numenius americanus</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/5511	Breeds elsewhere
Scott's Oriole <i>Icterus parisorum</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/11968	Breeds May 21 to Aug 15

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 (

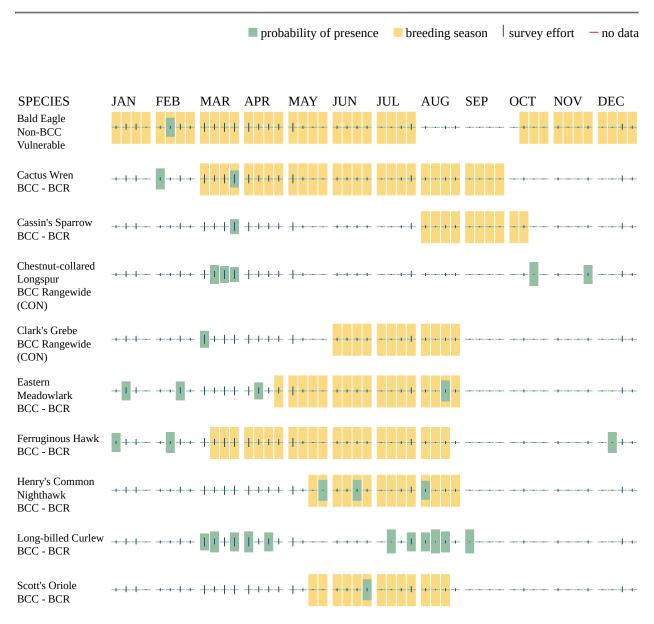
Yellow bars; liberal estimate of the timeframe inside which the bird breeds across its entire range.

Survey Effort (|)

Project code: 2025-0112051

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-incidental-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

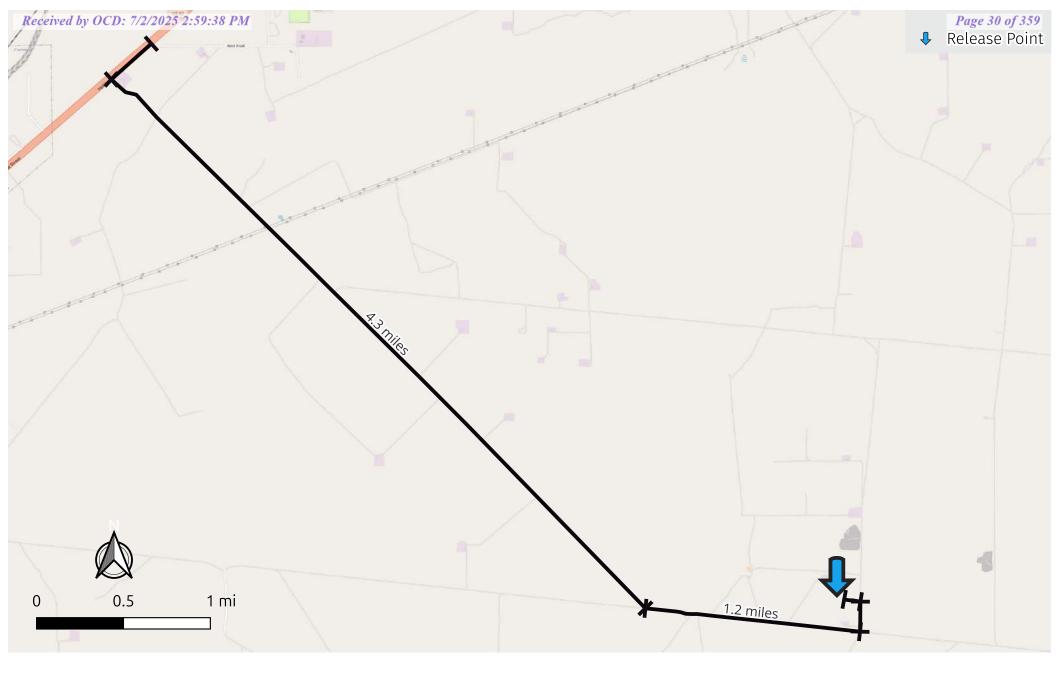
City: Hobbs State: NM Zip: 88240

Email jasono@diamondbacknm.com

Phone: 5756025998

14 of 14

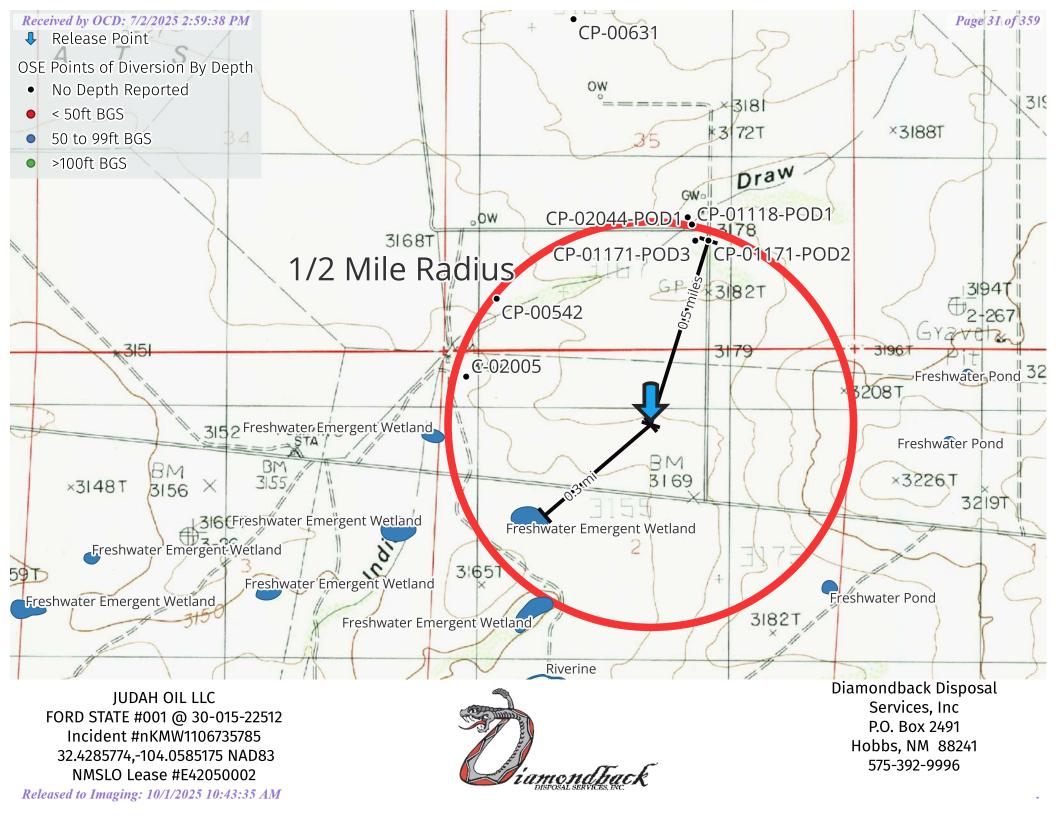
Appendix B Depth to Groundwater Topographical Information



JUDAH OIL LLC FORD STATE #001 @ 30-015-22512 Incident #nKMW1106735785 32.4285774,-104.0585175 NAD83 NMSLO Lease #E42050002



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





WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

STATE ENGINEER OFFICE

2013 JUN 10 P 1: 20 OSE FILE NUMBER(S) OSE POD NUMBER (WELL NUMBER) (POD2) INDIAN FLATS BASS FED SWD SB-9 CP 01171 GENERAL AND WELL LOCATION WELL OWNER NAME(S) PHONE (OPTIONAL) **BOPCO OPERATING CO** WELL OWNER MAILING ADDRESS STATE 6 DESTA DRIVE, SUITE 3700, P.O. BOX 2760 **MIDLAND** TX 79702 DEGREES MINUTES SECONDS WELL 26 02 32 * ACCURACY REQUIRED: ONE TENTH OF A SECOND LOCATION N LATITUDE (FROM GPS) * DATUM REQUIRED: WGS 84 LONGITUDE 104 03 17 DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHJIP, RANGE) WHERE AVAILABLE 62/140 & MM 43 GO 4.3 MI VEER L & GO E 1.2 MI TURN L GO N TURN INTO SITE. SEC 35, TWP 21S, RANGE 28 E. NAME OF LICENSED DRILLER NAME OF WELL DRILLING COMPANY LICENSE NUMBER **MARTIN STRAUB** WD1478 STRAUB CORPORATION DRILLING STARTED DRILLING ENDED DEPTH OF COMPLETED WELL (FT) DEPTH WATER FIRST ENCOUNTERED (FT) BORE HOLE DEPTH (FT) 5-31-13 5-31-13 0 110' STATIC WATER LEVEL IN COMPLETED WELL (FT) COMPLETED WELL IS: ARTESIAN DRY HOLE (SHALLOW (UNCONFINED) N/A DRILLING & CASING INFORMATION DRILLING FLUID: **(** MUD ADDITIVES - SPECIFY AIR DRILLING METHOD ROTARY HAMMER CABLE TOOL OTHER - SPECIFY DEPTH (feet bgl) CASING MATERIAL AND/OR BORE HOLE **CASING** CASING WALL SLOT **CASING** GRADE FROM THICKNESS DIAM CONNECTION INSIDE DIAM. SIZE (include each casing string, and TYPE (inches) (inches) (inches) (inches) note sections of screen) 0 110' 5" N/A N/A N/A N/A N/A DEPTH (feet bgl) LIST ANNULAR SEAL MATERIAL AND **AMOUNT BORE HOLE** METHOD OF DIAM. (inches) **PLACEMENT** GRAVEL PACK SIZE-RANGE BY INTERVAL (cubic feet) FROM TO ANNULAR MATERIAI .5 OF CONCRETE TOPLOAD 2' 5 110 5" 23 BAGS OF 3/8 HOLEPLUG TOPLOAD FOR OSE INTERNAL USE WR-20 WELL RECORD & LOG (Version 06/08/2012) FILE NUMBER P-1171 POD NUMBER TRN NUMBER 527952 LOCATION PAGE 1 OF 2

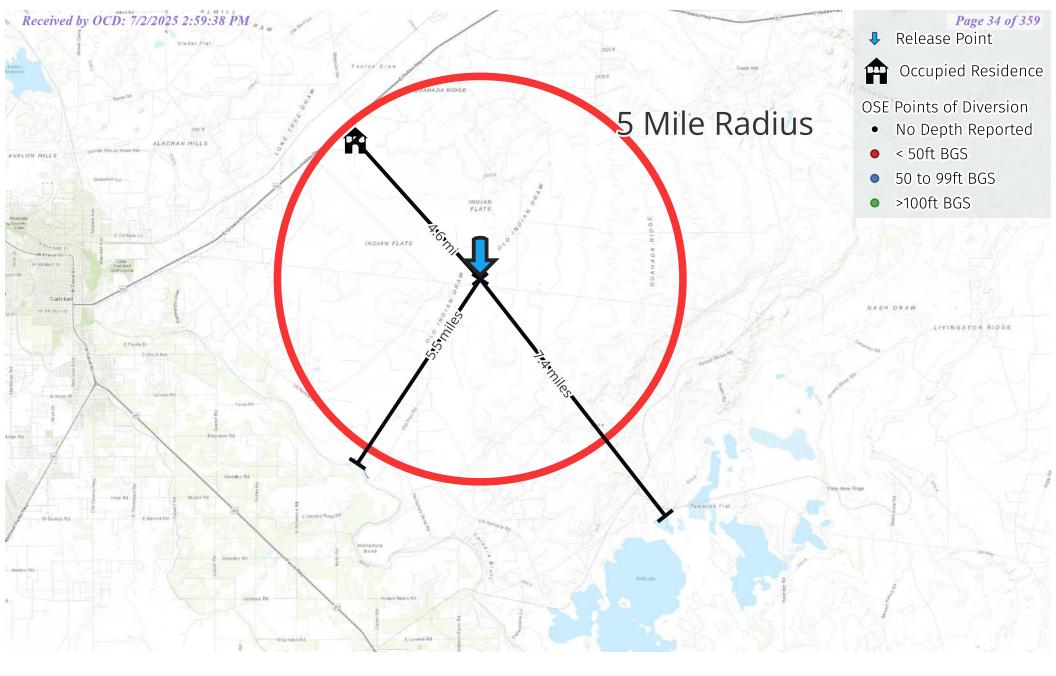
<u> </u>	DEPTH (feet hall				ESTIMATED			
i	FROM	TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	YIELD FOR WATER- BEARING ZONES (gpm)			
	0	3'	3'	TAN FINE SAND - CALICHE - SANDSTONE	(Y (N	N/A			
	3'	11'	8'	TAN FINE SAND - CEMENT SANTSTONE	CYGN	N/A			
}	11'	17'	6'	TAN FINE SAND - CALICHE SANDSTONE (DENSE)	CYGN	N/A			
	17'	29'	12'	RED VERY FINE SAND - SANDSTONE - GRAVEL	CYGN	N/A			
	29'	51'	22'	RED VERY FINE SAND - P-GRAVEL	CYGN	N/A			
بـ ا	51'	55'	4'	RED VERY FINE SAND - WITH CLAY	CYGN	N/A			
4. HYDROGEOLOGIC LOG OF WELL	55'	63'	9'	RED SILTY SAND - SILTY CLAY	CYGN	N/A			
OF.	63'	66'	3*	RED FINE SAND - P GRAVEL	CYGN	N/A			
90°	66'	71'	5'	RED SILTY SAND - SILTY CLAY	CYGN	N/A			
ICT	71'	80'	9'	RED SILTY CLAY	CY 6 N	N/A			
507	80'	92'	12'	TAN SILTY SAND - CLAY	CYGN	N/A			
EO	92'	94'	2'	RED VERY FINE SAND - SANDSTONE	CYGN	N/A			
ROG	94'	97'	3'	TAN SILTY SAND - SILTY CLAY	CY 6 N	N/A			
IXD.	97'	102'	5'	TAN FINE SAND - TINY P GRAVEL - SANDSTONE	CY 6 N	N/A			
4.	102'	110'	CY 6 N	N/A					
Ì '	TD	110'			CYCN				
					CYCN				
					CYCN				
					CYCN				
,					CYCN				
		C^{Y}							
	METHOD I	USED TO ES	STIMATE YIELD	OF WATER-BEARING STRATA: PUMP T	OTAL ESTIMATED	L			
	C AIR LIFT C BAILER C OTHER - SPECIFY: WELL YIELD (gpm):								
7	WELL TES			ACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER					
VISION	MICCELLA	NEOUS IN	FORMATION:						
RVI	MISCELLA	ineous ini	FORMATION:						
	SOIL BO	RING ONL	Y - SOIL BORIN	NG WAS PLUGGED AND ABANDONED UPON COMPLETION OF	SAMPLING.				
Sign	1	UNTY, NA		TUDED/USOD)					
H.	SOIL BORING ONLY - SOIL BORING WAS PLUGGED AND ABANDONED UPON COMPLETION OF SAMPLING. EDDY COUNTY, NM. EDWARD BRYAN (DRILLING RIG SUPERVISOR) PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:								
, s	v								
==	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND								
2	CORRECT PROOFS OF THE CROSS PROCESSES HAVE AND MILETING OF CHELLING BY CHINA HIELD ACCORD MITTHEMET OF THE CHARLES								
VTV	AND THE	rekwiii no	LUEK WITHIN.	20 DA 13 AFTER COMFLETION OF WELL DRILLING.					
SIGNATURE	\$ motivate martin Strand 6-6-13								
6. SI	110	~ 000	<u>~~~,</u>						
		SIGNAT	URE OF DRILLI	ER / PRINT SIGNEE NAME	DATE				
EOD OSE INTERNALLISE WR-20 WELL RECORD & LOG (Version 06/08/2012)									

POD NUMBER

TRN NUMBER

PAGE 2 OF 2

FILE NUMBER LOCATION



JUDAH OIL LLC FORD STATE #001 @ 30-015-22512 Incident #nKMW1106735785 32.4285774,-104.0585175 NAD83 NMSLO Lease #E42050002



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	Υ	Мар
2214C	CP 01710 POD2	NW	SW	SE	17	21S	28E	583971.3	3593509.7	§

* UTM location was derived from PLSS - see Help

Driller License:	1708	Driller Company:	RYAN'S WATER SERVICE LLC		
Driller Name:	AINSWORTH	H, RYAN			
Drill Start Date:	2018-09-18	Drill Finish Date:	2018-09-19	Plug Date:	
Log File Date:	2019-01-23	PCW Rcv Date:		Source:	Shallow
Pump Type:		Pipe Discharge Size:		Estimated Yield:	25
Casing Size:	5.75	Depth Well:	160	Depth Water:	149

Water Bearing Stratifications:

Casing Perforations:

Тор	Bottom
0	160

Meter Information

Meter Number:	17760	Meter Make:	RECORD ALL
Meter Serial Number:	18058164	Meter Multiplier:	100.0000
Number of Dials:	6	Meter Type:	Diversion
Unit of Measure:	Gallons	Reading Frequency:	Quarterly

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, or suitability for any particular purpose of the data.

6/20/25 6:52 AM MST

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Appendix C Site Delineation Mapping and Summary Report

Received by QCD: 7/2/2025 2:59:38 PM FORD State #001

Judah Oil API#:30-015-22512 Eddy County, NM Confirmation Map



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1.5' Excavated Area



2.5' Excavated Area

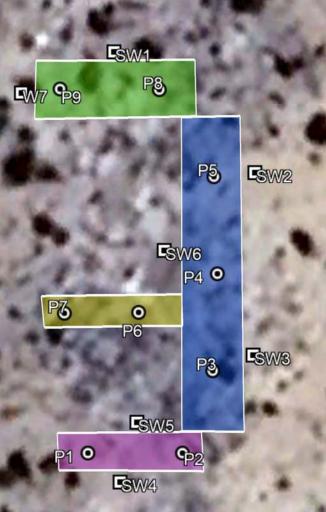


5' Excavated Area

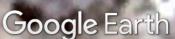


6.5' Excavated Area

- Base Sample
- Side Wall Sample



IAIAI	OCD Table	1 Closure	Judah Oill	The second second		Groundw	ater is 51-10	0)						
Sample Dat 3/7/2024	te:		NM Approved Laboratory Results											
Sample ID Depth (8GS)		BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	CI mg/kg						
	2'	ND	ND	ND	ND	ND	ND	ND						
P1	6'	ND	ND	ND	ND	ND	ND	ND						
	2'	ND	ND	ND	ND	ND	ND	ND						
P2	6'	ND	ND	ND	ND	ND	ND	ND						
	2'	ND	ND	ND	ND	ND	ND	ND						
Р3	6'	ND	ND	ND	ND	ND	ND	ND						
	2'	ND	ND	ND	ND	ND	ND	ND						
P4	6'	ND	ND	ND	ND	ND	ND	ND						
	2'	ND	ND	ND	ND	ND	ND	ND						
P5	6'	ND	ND	ND	ND	ND	ND	ND						
	2'	ND	ND	ND	ND	ND	ND	ND						
P6	6'	ND	ND	ND	ND	ND	ND	ND						
X	2'	ND	ND	ND	ND	ND	ND	ND						
P7	6'	ND	ND	ND	ND	ND	ND	ND						
	2'	ND	ND	ND	ND	ND	ND	ND						
P8	6'	ND	ND	ND	ND	ND	ND	ND						
	2'	ND	ND	ND	ND	ND	ND	ND						
Р9	6'	ND	ND	ND	ND	ND	ND	ND						
SW1	Surface	ND	ND	ND	ND	ND	ND	ND						
SW2	Surface	ND	ND	ND	ND	ND	ND	ND						
SW3	Surface	ND	ND	ND	ND	ND	ND	ND						
SW4	Surface	ND	ND	ND	ND	ND	ND	ND						
SW5	Surface	ND	ND	ND	ND	ND	ND	ND						
SW6	Surface	ND	ND	ND	ND	ND	ND	ND						
SW7	Surface	ND	ND	ND	ND	ND	ND	ND						



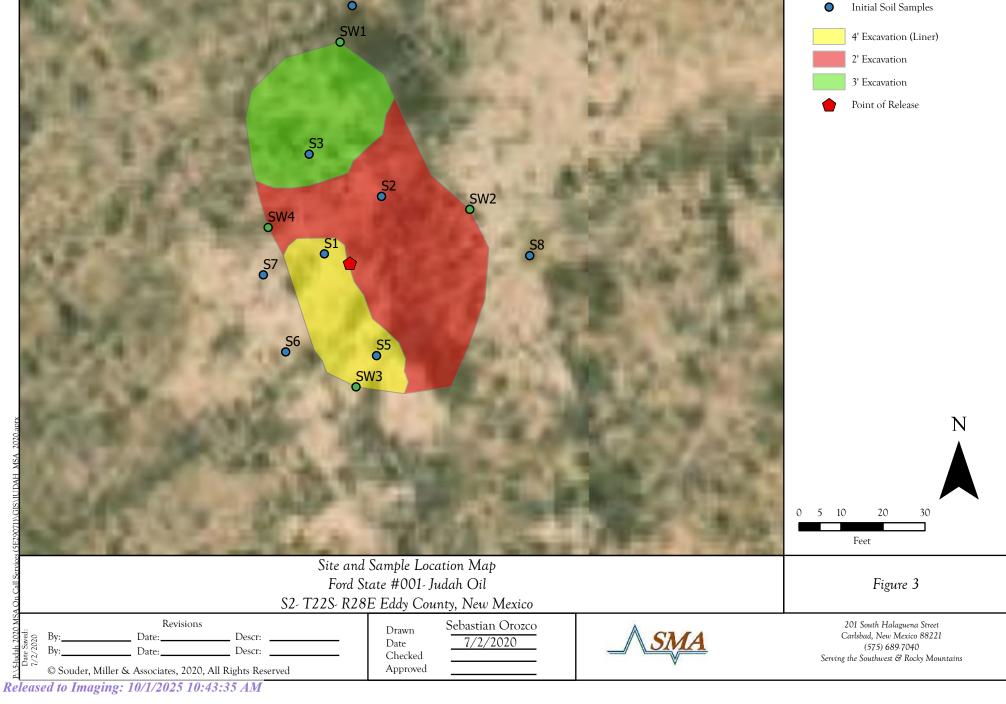


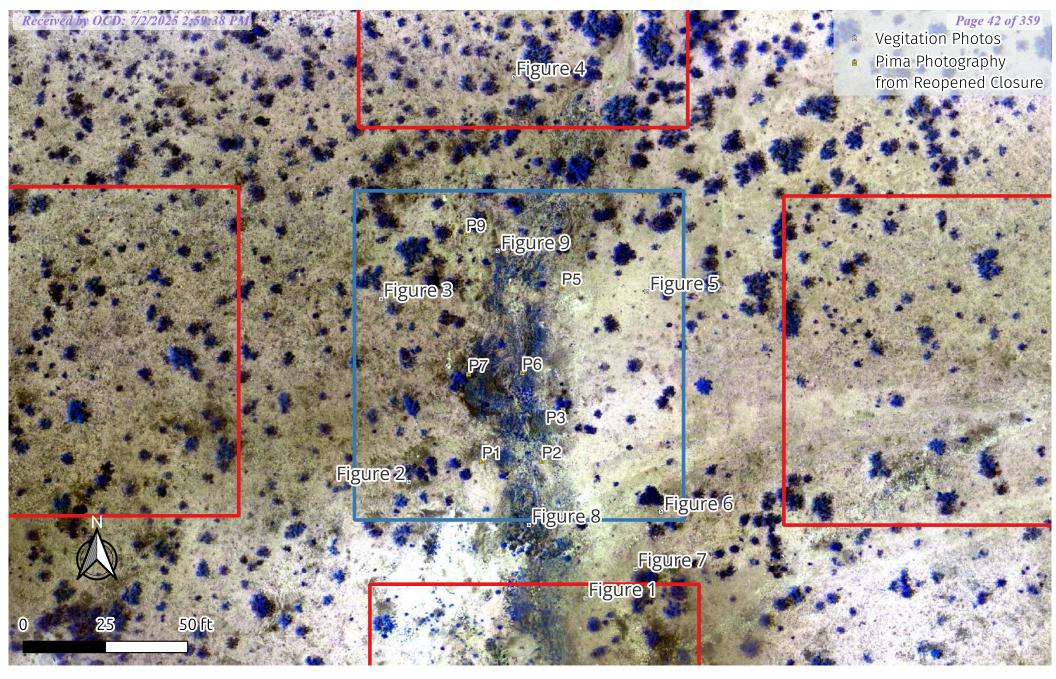
Table 3: Summary of Sample Results

Judah Oil Ford State #1 (RP#)

Sample	Sample Date	Depth (feet bgs)	Proposed Action/ Action	BTEX	Benzene	GRO	DRO	MRO	Total TPH	CI-
	2 410	(.551295)	Taken	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
		tion Requirem	, ,	50	10	1,0	000		100	600
	NMOCD CIG	osure Criteria	(>4ft)	50	10	1,0	000		2,500	20,000
		2	excavate	16.08	<0.12	490	5,800	2,300	8,590	330
S1	4/8/2020	4	excavate	-	-	110	1,500	590	2,200	-
31	4/0/2020	6	excavate	-	-	<4.9	280	150	430	-
		11	excavate	-	-	<4.9	51	<47	51	-
		1	excavate	<1.08	<0.12	<24	3000	3200	6200	130
S2	2/28/2020	2	in- situ	<0.224	<0.025	<5.0	<9.1	<46	<60.1	250
02	2/20/2020	4	in- situ	-	-	<5.0	<9.5	<48	<62.5	-
		5	in- situ	-	-	<4.9	<9.7	<49	<63.6	-
		2	excavate	<0.222	<0.025	<4.9	65	170	235	<60
S3	4/8/2020	3	in- situ	-	-	<5.0	25	59	84	-
		4	in- situ	-	-	<5.0	10	<47	10	-
S4	2/28/2020	1	in- situ	<0.207	<0.023	<4.6	<9.6	<48	<62.2	<60
	2/28/2020	1	excavate	<1.08	<0.12	<24	69	200	269	200
		2	excavate	2.15	<0.20	100	2,400	1,300	2,800	390
S5	4/8/2020	3	excavate	-	-	52	1,300	790	2,142	-
		4	excavate	-	-	30	730	480	1,240	-
	6/15/2020	5	in- situ	<0.217	<0.024	<4.8	<9.1	<46	<60	<60
		1	in- situ	<0.224	<0.025	<5.0	<10	<50	<65.0	190
S6	4/8/2020	2	in- situ	<0.224	<0.025	<5.0	<9.5	<48	<62.5	220
		4	in- situ	-	-	<4.9	<9.8	<49	<63.7	-
		1	in- situ	<0.221	<0.025	<4.9	23	<47	23	110
S7	4/8/2020	2	in- situ	<0.224	<0.025	<5.0	<9.8	<49	<63.8	100
		4	in- situ	-	-	<4.9	11	<48	11	-
S8	2/28/2020	1	in- situ	<0.216	<0.024	<4.8	<9.8	<49	<63.6	140
SW1	4/8/2020	surface	in- situ	<0.222	<0.025	<4.9	<8.9	<45	<58.8	<60
SW2	4/8/2020	surface	in- situ	<0.222	<0.025	<4.9	<9.7	<48	<62.6	<60
SW3	4/8/2020	surface	in- situ	<1.11	<0.12	<25	<9.4	<47	<81.4	150
SW4	4/8/2020	surface	in- situ	<1.12	<0.12	<25	<9.0	<45	<79	<60

[&]quot;--" = Not Analyzed

Appendix D Site Photography And Field Notes





NKMW1106735785 FORD STATE #001 @ 30-015-22512 Current Vegetation on subject site as of 6-9-25



Figure 1 Figure 2 Figure 3



Figure 4 Figure 5 Figure 6



Figure 7 Figure 8 Figure 9



JUDAH OIL FORD STATE #1 SITE PHOTOGRAPHS

Assessment-

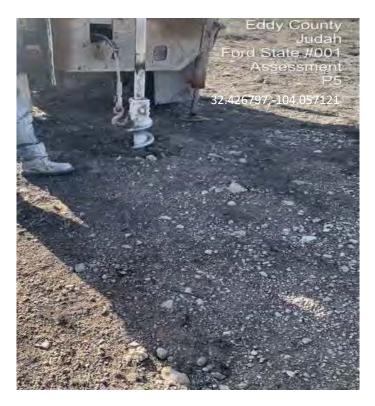














Vegetative Cover Determination

This determination supports the variance request for closure of Incident ID nKMW1106735785, related to a historical release at the Judah Oil LLC Ford State #001 well (API No. 30-015-22512), located in Unit Letter C, Section 2, Township 22 South, Range 28 East, 330 feet from the North line and 2310 feet from the West line, Eddy County, New Mexico (State Lease No. E4205). The surface owner is the State of New Mexico.

The release involved hydrocarbons and produced water, originally reported on February 18, 2011. Remediation was performed in accordance with 19.15.29 NMAC and applicable guidance. This determination evaluates whether post-remediation vegetative conditions meet the criteria set forth in 19.15.29.13.D(3) NMAC:

(3) The division will consider reclamation of all disturbed areas complete when uniform vegetative cover has been established that reflects a life-form ratio of plus or minus fifty percent of predisturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds.

To support this variance request, a vegetation analysis was conducted using drone-based multispectral imagery collected on June 9, 2025. NDVI (Normalized Difference Vegetation Index) was calculated using the formula:

```
NDVI = (NIR - Red) / (NIR + Red)
where NIR = 860 \pm 26 nm and Red = 650 \pm 16 nm.
```

The NDVI analysis was performed by Diamondback Disposal Services and used to quantify live vegetative cover across the subject site and four adjacent reference areas.

Aerial imagery was acquired on June 9, 2025, using a DJI Mavic 3 Multispectral (M3M) unmanned aerial system. The multispectral camera collects data in the following spectral bands:

Green: 560 ± 16 nm Red: 650 ± 16 nm Red Edge: 730 ± 16 nm Near-Infrared (NIR): 860 ± 26 nm

The imagery was processed to generate a high-resolution NDVI raster of the site and four surrounding reference areas. The NDVI raster was classified into binary form, with pixels below 0.31 considered non-vegetated and pixels at or above 0.31 considered vegetated. Area calculations were performed for each 10,000 square foot area.

The resulting vegetative cover percentages were:

• Reference Area 1: 11.89%

• Reference Area 2: 20.71% (highest vegetated cover)

• Reference Area 3: 7.06%

• Reference Area 4: 18.25%

• Subject Area: 17.06%

The average reference vegetative cover was calculated as:

$$(11.89 + 20.71 + 7.06 + 18.25) \div 4 = 14.48\%$$

Comparative compliance results:

- Subject area vegetative cover is 82.38% of the most vegetated reference area (20.71%)
- Subject area vegetative cover is 117.82% of the average reference cover (14.48%)

Vegetative Life-Form Ratio Determination

To further support closure in accordance with **19.15.29.13.D(3) NMAC**, the life-form ratio of grass to shrub cover was also evaluated.

NDWI Calculation

The NDWI (Normalized Difference Water Index) layer was generated from the same June 9, 2025 multispectral dataset used for the NDVI analysis. NDWI was calculated using the formula:

$$NDWI = (Green - NIR) / (Green + NIR)$$

Where: Green band = 560 ± 16 nm and NIR band = 860 ± 26 nm

This raster was used in conjunction with NDVI to distinguish vegetation life forms based on canopy moisture content. NDWI values were used to separate grasses (moist, herbaceous vegetation) from shrubs (drier, woody vegetation) using the threshold **NDWI** ≥ -0.45 .

Life-Form Classification

Vegetation was classified into three categories:

Vegetation was classified using the following thresholds:

- Class 0 = Bare Ground (NDVI < 0.31)
- Class 1 = Grass (NDVI \geq 0.31 and NDWI \geq -0.45) -
- Class 2 = Shrub (NDVI \geq 0.31 and NDWI < -0.45)

Life-form ratios (grass percent divided by shrub percent) for each of the four reference areas were:

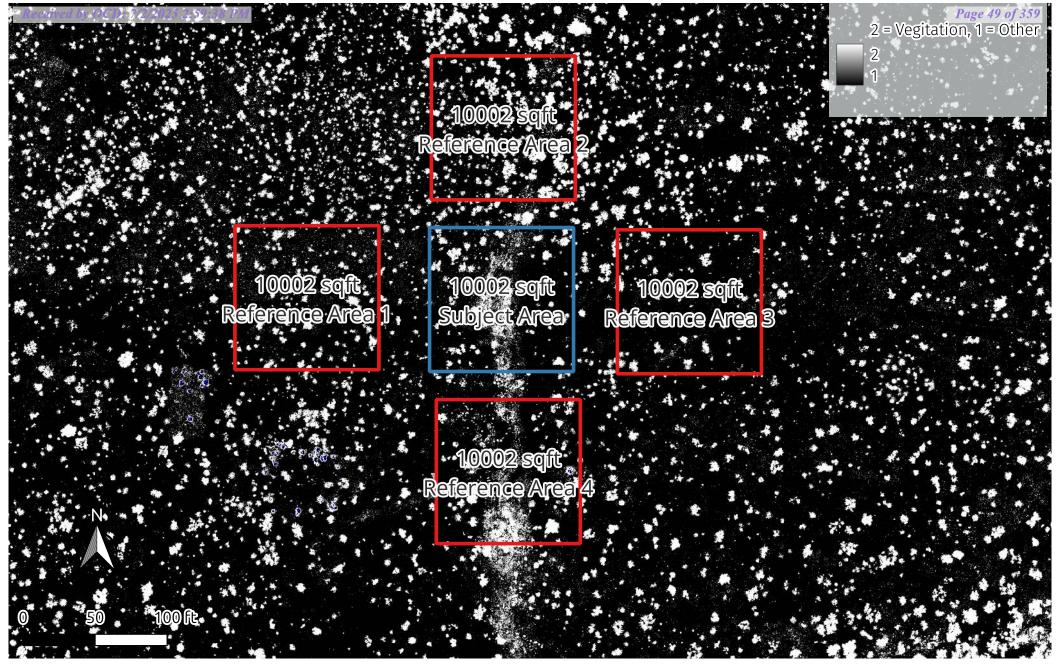
- Reference Area 1: 38.0%
- Reference Area 2: 23.0%
- Reference Area 3: 27.0%
- Reference Area 4: 62.0%

The average grass-to-shrub ratio across reference areas was 37.5%. The required compliance range is $\pm 50\%$ of this value: 18.75% to 56.25%.

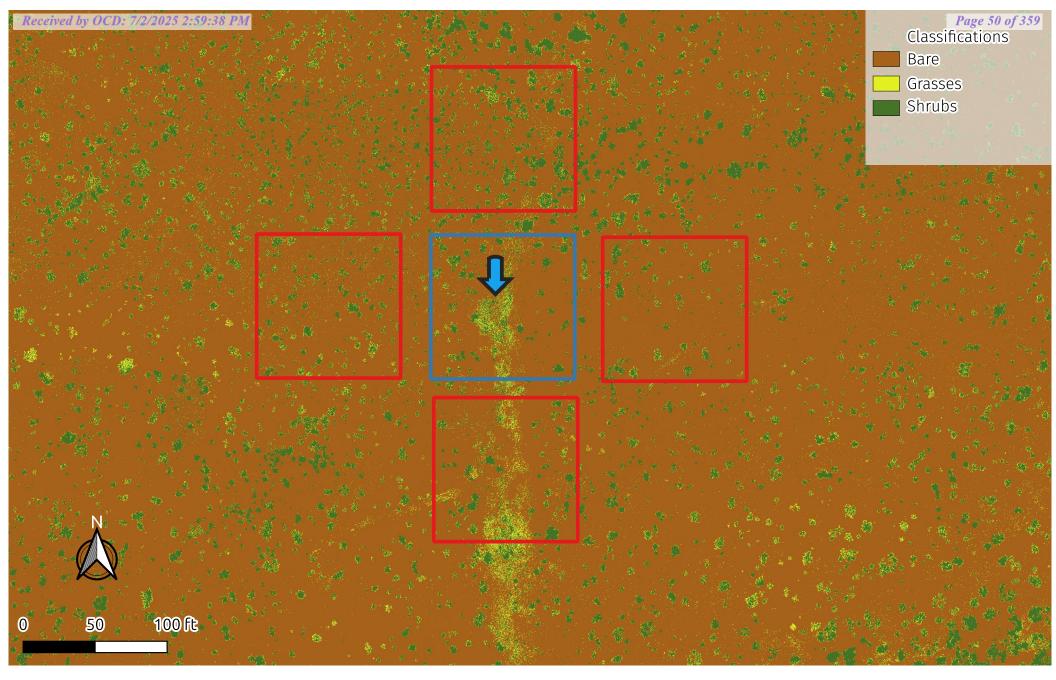
The subject area grass-to-shrub ratio was calculated at 46.0%, which falls within the required range.

Conclusion

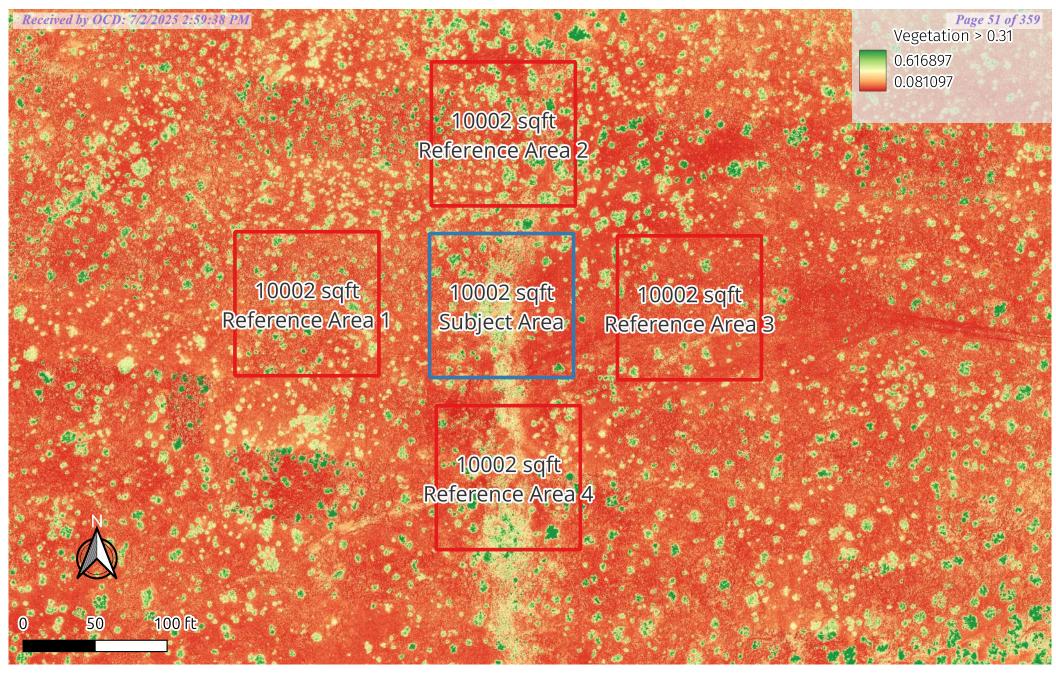
Based on NDVI analysis and life-form classification, the subject area exceeds the 70% vegetative cover requirement and falls within the required $\pm 50\%$ life-form ratio range. The site meets the vegetative performance standards for final closure under 19.15.29.13.D(3) NMAC.



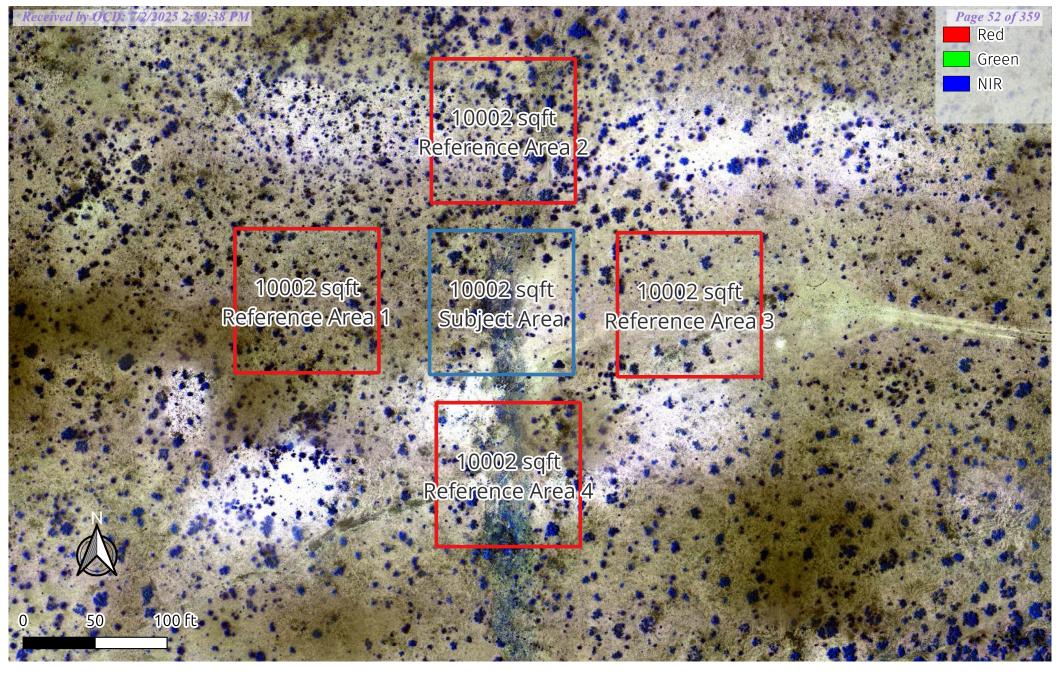




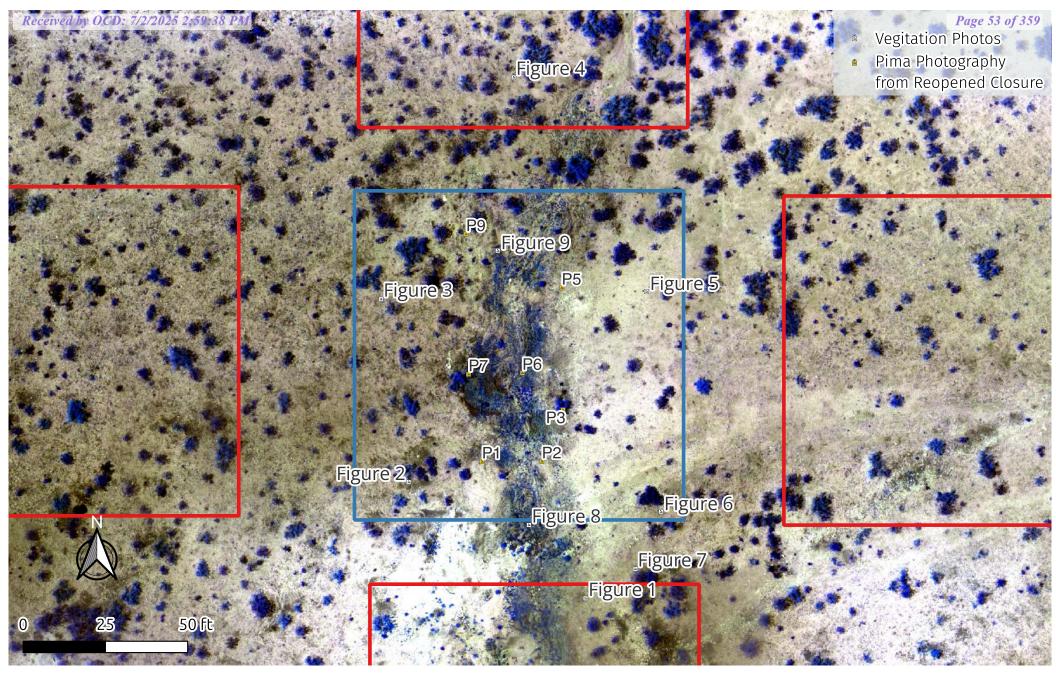














NKMW1106735785 FORD STATE #001 @ 30-015-22512 Current Vegetation on subject site as of 6-9-25



Figure 1 Figure 2 Figure 3



Figure 4 Figure 5 Figure 6



Figure 7 Figure 8 Figure 9

Appendix E Communications

Judah Oil LLC **PO BOX 568** Artesia, NM 88211 575-748-4730

April 1st, 2024

NMOCD District 1 1625 N French Dr. Hobbs, NM, 88240

RE: **Site Assessment and Remediation Closure Report**

> Ford State #001 API No. 30-015-22512

GPS: Latitude 32.42858 Longitude -104.05852 UL "F", Section 02, Township 22S, Range 28E,

Eddy County, NM

NMOCD Reference No. NKMW1106735785

Judah Oil LLC (Judah) has contracted Pima Environmental Services, LLC (Pima) to perform a site assessment and prepare this remediation closure report for the release of crude oil and produced water at the Ford State #001 (Ford State). This incident was assigned Incident ID NKMW1106735785, by the New Mexico Oil Conservation Division (NMOCD).

Site Information and Site Characterization

The Ford State is located approximately ten (10) miles east of Carlsbad, NM. This spill site is in Unit F, Section 02, Township 22S, Range 28E, Latitude 32.42858 Longitude -104.05852, Eddy County, NM. A Location Map can be found in Figure 1.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology in this area is composed of Piedmont alluvial deposits, includes deposits of higher gradient tributaries bordering major stream valleys, alluvial veneers of the piedmont slope, and alluvial fans. May locally include uppermost Pliocene deposits, detailed in Appendix B. The soil in this area is made up of Upton gravelly loam, 0 to 9 percent slopes according to the United States Department of Agriculture Natural Resources Conservation Service soil survey (Appendix B). The drainage class in this area is well drained. There is a medium potential for karst geology to be present around the Ford State (Figure 3).

Based on information provided by the New Mexico Office of the State Engineer, the depth to the nearest groundwater in this area is approximately 70 feet below grade surface (BGS), located around 0.37 miles from the site, as indicated by water well (CP01171 POD1), drilled on May 31, 2013. Additionally, according to data from the United States Geological Survey (USGS), the closest groundwater well, USGS 322547104035001, is situated approximately 0.33 miles away and registers a water depth of 129 feet BGS, last measured on January 27, 1998. For precise locations, please refer to Appendix A, which contains a detailed water well map displaying both OSE and USGS well positions. The closest waterway is the Pecos River, situated approximately 6.39 miles southwest of this site. Details regarding these water surveys are available in Appendix A for reference.

Table 1 NMAC and Closure Criteria 19.15.29												
Depth to Groundwater		Constituent & Limits										
(Appendix A)	Chlorides	Total TPH	GRO+DRO	BTEX	Benzene							
<50′	600 mg/kg	100 mg/kg		50 mg/kg	10 mg/kg							
51-100' (CP01171 POD1)	10,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg							
>100′	20,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg							

Reference Figure 2 for a Topographic Map.

Release Information

NKMW1106735785: On February 4, 2011, a spill was detected at the Ford State #001 site resulting from a rupture in a polyline flowline caused by a vehicle passing over it. Initial response efforts were carried out by Judah Oil personnel, encompassing actions such as source elimination and site security measures, but they were unsuccessful in recovering the spilled fluid.

Site Assessment

On February 28, April 8, and June 15, 2020, SMA conducted site delineation activities at the Ford State #001 site by gathering soil samples from the vicinity of the release. A total of eight (8) sample locations (S1-S8) were identified and samples were extracted using an anchor machine, reaching depths of up to 11 feet below ground surface (bgs). Additionally, four side wall samples (SW1-SW4) were obtained from the surface. In total, twenty-eight (28) samples were collected for subsequent laboratory analysis. Detailed results from the laboratory analysis conducted during this sampling event are provided in the accompanying data table. For further details, a comprehensive laboratory report can be referenced in Appendix E. A Site Map is available in Figure 4 for additional context.

2-18-2020, 4-8-2020, 6-8-2020 Soil Sample Results

	NMOCD '		re Criteria 19.1	•	•		D')					
			Judah Oil LL	C - Ford State	#001							
Sample Date: 4/8/2 6/15/2020	2020, 2/28/2020,	NM Approved Laboratory Results										
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg				
	2'	16.08	<0.12	490	5,800	2,300	8590	330				
S1	4'	-	-	110	1,500	590	2200	-				
51	6'	-	-	<4.9	280	150	430	ı				
	11'	-	-	<4.9	51	<47	51	-				
	1'	<1.08	<0.12	<24	3000	3200	6200	130				
63	2'	<0.224	<0.025	<5.0	<9.1	<46	<60.1	250				
S2	4'	-	-	<5.0	<9.5	<48	<62.5	-				
	5'	-	-	<5.0	<9.7	<49	<63.6	-				
	2'	<0.222	<0.025	<4.9	65	170	235	<60				
S3	3'	-	-	<5.0	25	59	84	-				
	4'	-	-	<5.0	10	<47	10					
S4	1'	<0.207	<0.023	<4.6	<9.6	<48	<62.2	<60				
	1'	<1.08	<0.12	<24	69	200	269	200				
	2'	2.15	<0.20	100	2400	1300	2800	390				
S5	3'	-	-	52	1300	790	2142	-				
	4'	-	-	30	730	480	1240	-				
	5'	<0.217	<0.024	<4.8	<9.1	<46	<60	<60				
	1'	<0.224	<0.025	<5.0	<10	<50	<65.0	190				
S6	2'	<0.224	<0.025	<5.0	<9.5	<48	<62.5	220				
	4'	-	-	<4.9	<9.8	<49	<63.7	-				
	1'	<0.221	<0.025	<4.9	23	<47	23	110				
S7	2'	<0.224	<0.025	<5.0	<9.8	<49	<63.8	100				
	4'	-	-	<4.9	11	<48	11	-				
S8	1'	<0.216	<0.024	<4.8	<9.8	<49	<63.6	140				
SW1	Surface	<0.222	<0.025	<4.9	<8.9	<45	<58.8	<60				
SW2	Surface	<0.222	<0.025	<4.9	<9.7	<48	<62.6	<60				
SW3	Surface	<1.11	<0.12	<25	<9.4	<47	<81.4	150				
SW4	Surface	<1.12	<0.12	<25	<9.0	<45	<79	<60				

"- "= Not Analyzed

Complete laboratory reports can be found in Appendix E.

Remediation Activities

Between July 20 and July 27, 2020, Judah Oil enlisted the services of Rockstar Packing LLC to conduct excavation work at the Ford State site, aimed at addressing the affected area. Rockstar commenced excavation activities corresponding to soil sample S1, reaching a depth of 6.5 feet below the grade surface (bgs). Concurrently, excavation work in the vicinity of soil sample S2 was carried out to a depth of 1.5 feet bgs. Similarly, the area encompassing soil sample S3 was excavated to a depth of 2.5 feet bgs, while soil sample S5 was excavated to a depth of 5 feet bgs.

The excavated region associated with soil sample S1 covered an approximate area of 160 square feet, resulting in the removal of about 38 cubic yards of contaminated material. In the area overlapping with soil sample S2, excavation covered approximately 700 square feet, leading to the removal of approximately 39 cubic yards of contaminated material. For the section corresponding to soil sample S3, excavation encompassed an area of around 330 square feet, with approximately 30 cubic yards of contaminated soil removed. In the region overlapping soil sample S5, the excavated area spanned roughly 164 square feet, resulting in the removal of about 37 cubic yards of contaminated soil. Overall, approximately 144 cubic yards of contaminated material were excavated. All contaminated material was securely transported to Lea Land, an approved disposal facility recognized by the New Mexico Oil Conservation Division (NMOCD). A disposal manifest detailing the disposal process of this remediation event is available for reference in Appendix F.

We respectfully request a variance considering the absence of confirmation samples from the remediation event mentioned earlier. At the time of the excavation, no environmental entity was engaged due to a lack of awareness regarding regulations. In an effort to rectify the previous work completed, Judah Oil has enlisted the services of Pima Environmental to reevaluate the excavated area and ensure the thorough removal of all contamination. This sampling endeavor was conducted using an anchor machine, which proved capable of penetrating the hard caliche pan surrounding the area.

On March 5, 2024, Judah Oil proactively submitted a 48-hour sampling notification as part of the preliminary preparations leading up to the final confirmation sampling event. This precautionary step was taken with the expectation that all sampling results would fall below the closure criteria established by the New Mexico Oil Conservation Division (NMOCD). Should the results confirm compliance, the plan is to move forward with the closure process. For additional details, the 48-hour notification can be referenced in Appendix C.

On March 7, 2024, Pima Environmental deployed a field technician to conduct a confirmation sampling event at the Ford State site, aiming to ensure the complete removal of contaminated material. A comprehensive sampling effort was undertaken, involving the collection of nine soil samples from the area previously excavated. Soil samples P1 and P2 were obtained from the 5-foot excavated region corresponding to the former location of soil sample S5. Soil samples P3 to P5 were collected from the 1.5-foot excavated area previously associated with soil sample S2. Samples P6 and P7 were retrieved from the 6.5-foot excavated zone that formerly encompassed soil sample S1. Lastly, soil samples P8 and P9 were gathered from the 2.5-foot excavated area formerly linked with soil sample S3. The side wall samples SW1-SW9 were taken along the perimeter of the previously excavated region to verify the absence of contamination in the surrounding areas. These samples were obtained at a depth of six inches below ground surface (bgs) and were categorized as surface samples. Furthermore, field screening outcomes were recorded from depths of 2 feet and 6 feet bgs for each side wall sample. Field screening techniques incorporate the use of a photoionization detector (PID) to identify any remaining hydrocarbons and employ a titration method to accurately determine residual chloride concentrations in the vicinity. For further details, a comprehensive laboratory report can be referenced in Appendix E. A Site Map of this second sampling event can be found in Figure 4.

3-7-2024 Soil Sample Results

		NMOCD Tabl		19.15.29 NMAC (De	•	ater is 51-100')							
			Juda	h Oil LLC- Ford State	#001								
ample Date: 3/	7/2024		NM Approved Laboratory Results										
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg					
	2'	ND	ND	ND	ND	ND	ND	ND					
P1	6'	ND	ND	ND	ND	ND	ND	ND					
	2'	ND	ND	ND	ND	ND	ND	ND					
P2	6'	ND	ND	ND	ND	ND	ND	ND					
	2'	ND	ND	ND	ND	ND	ND	ND					
Р3	6'	ND	ND	ND	ND	ND	ND	ND					
	2'	ND	ND	ND	ND	ND	ND	ND					
P4	6'	ND	ND	ND	ND	ND	ND	ND					
	2'	ND	ND	ND	ND	ND	ND	ND					
P5	6'	ND	ND	ND	ND	ND	ND	ND					
P6	2'	ND	ND	ND	ND	ND	ND	ND					

| | 6' | ND |
|-----|---------|----|----|----|----|----|----|----|
| | 2' | ND |
| P7 | 6' | ND |
| | 2' | ND |
| P8 | 6' | ND |
| | 2' | ND |
| P9 | 6' | ND |
| SW1 | Surface | ND |
| SW2 | Surface | ND |
| SW3 | Surface | ND |
| SW4 | Surface | ND |
| SW5 | Surface | ND |
| SW6 | Surface | ND |
| SW7 | Surface | ND |

ND- Analyte Non Detected

A total of 25 soil samples were collected for laboratory analysis for total chloride using EPA Method 300.0; benzene, toluene, ethylbenzene and total xylenes (BTEX) using EPA Method 8021B; and motor, diesel, and gasoline range organics (MRO, DRO, & GRO) by EPA Method 8015D. All samples were placed into laboratory supplied glassware, labeled, and maintained on ice until delivery to EnviroTech laboratories in Farmington, New Mexico (Appendix C).

3-7-2024 Field Screening Results

		NMOCD Table 1 Closure Criteria 19.15.29 NMAC - D	-							
	Judah Oil LLC - Ford State #001									
Date: 3/7/2024		Field Screen Sampling Results								
Sample ID	Depth (BGS)	Chloride (PPM)	ТРН (РРМ)							
C\A/1	2'	0.00	0.00							
SW1	6'	0.00	0.00							
CM/2	2'	0.00	0.00							
SW2	6'	0.00	0.00							
CIAVO	2'	0.00	0.00							
SW3	6'	0.00	0.00							
CIAVA	2'	0.00	0.00							
SW4	6'	0.00	0.00							
CIME	2'	0.00	0.00							
SW5	6'	0.00	0.00							
CIAIC	2'	0.00	0.00							
SW6	6'	0.00	0.00							
CMZ	2'	0.00	0.00							
SW7	6'	0.00	0.00							

On March 21, 2024, Pima received lab confirmation that all samples were below NMOCD closure criteria.

Closure Request

In summary, all soil samples gathered satisfy the closure criteria set by the New Mexico Oil Conservation Division (NMOCD). It is affirmed that all contamination originating from the release on February 4, 2011, has been satisfactorily remediated, and the area now displays robust vegetation growth. Based on the extensive data provided in this report, no additional remediation measures are deemed necessary. Pima Environmental requests the closure of this incident, NKMW1106735785. Judah Oil LLC has adhered to the relevant closure requirements outlined in rule 19.15.19.12 NMAC.

Should you have any questions or need additional information, please feel free to contact Sebastian Orozco at 619-721-4813 or Sebastian@pimaoil.com.

Respectfully,



Sebastian Orozco **Environmental Project Manager** Pima Environmental Services, LLC

Attachments

Figures:

- 1- Location Map
- 2- Topographic Map
- 3- Karst Map
- 4- Site Map
- 5- Confirmation Site Map

Appendices:

Appendix A – Referenced Water Surveys

Appendix B – Soil Survey and Geological Data

Appendix C – 48 Hour Notification

Appendix D – Photographic Documentation

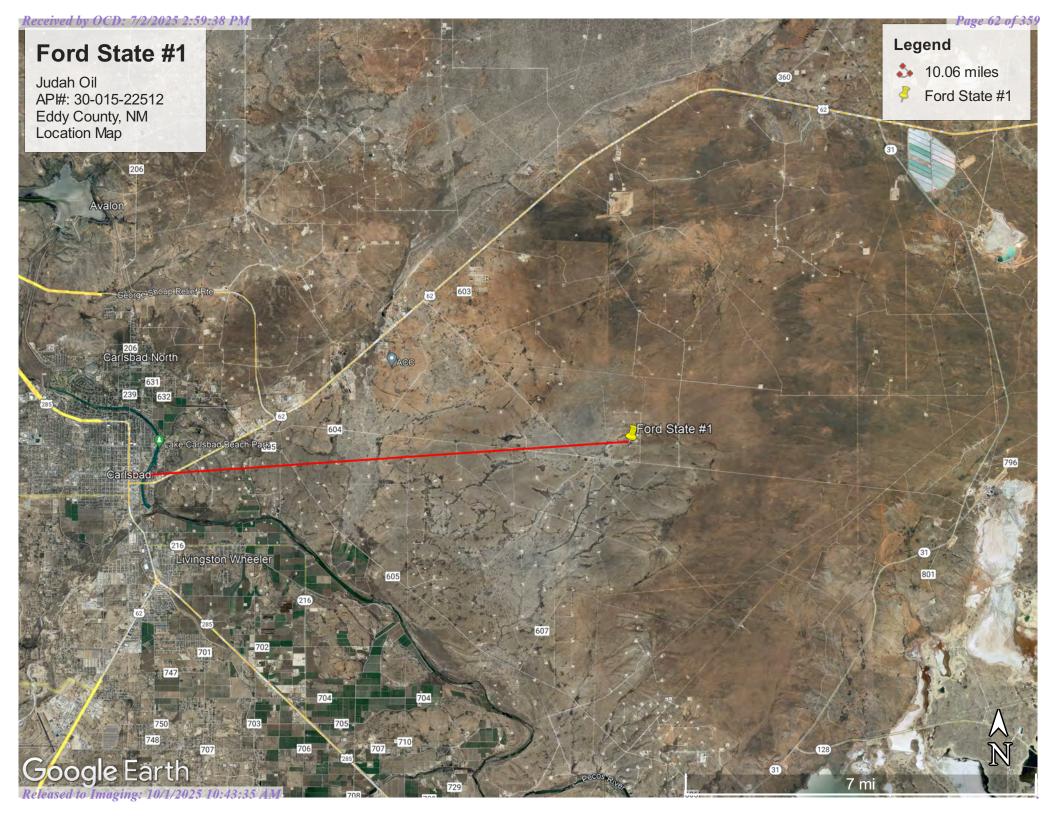
Appendix E – Laboratory Reports and Field Notes

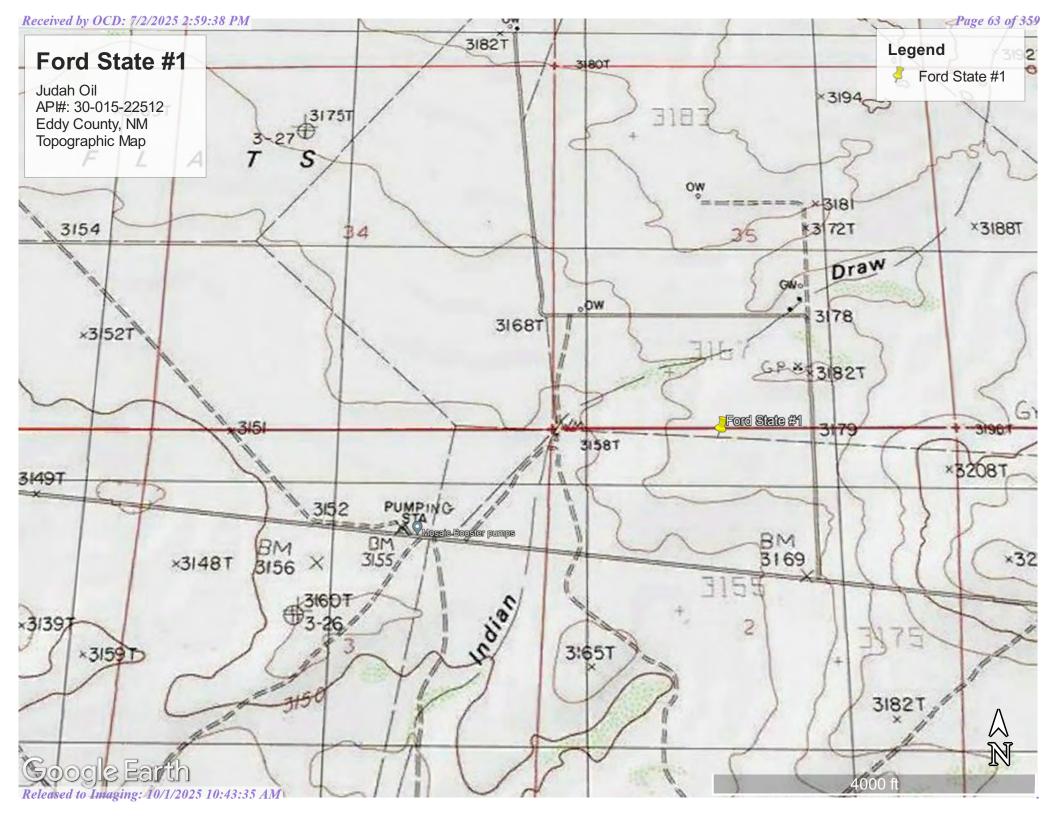
Appendix F- Lea Land Disposal Manifest

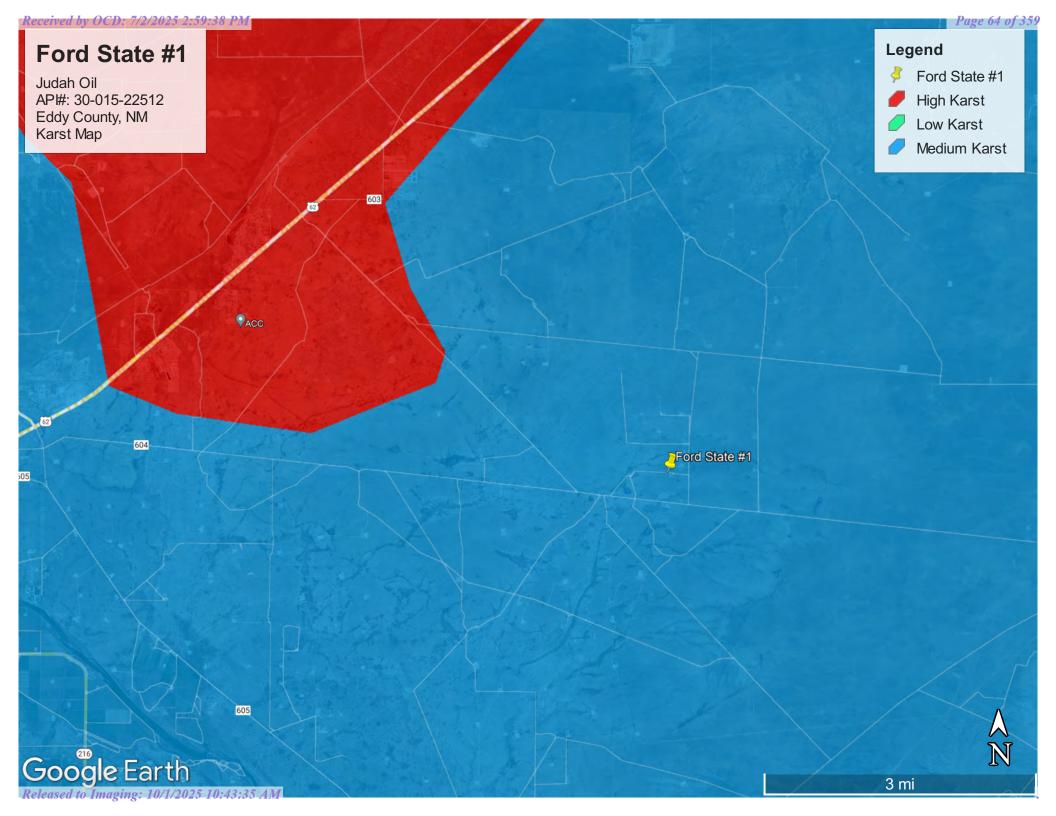


Figures:

- 1-Location Map
- 2- Topographic Map
- 3-Karst Map
- 4-Site Map
- 5-Confirmation Site Map









Legend

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2' Treatment Area

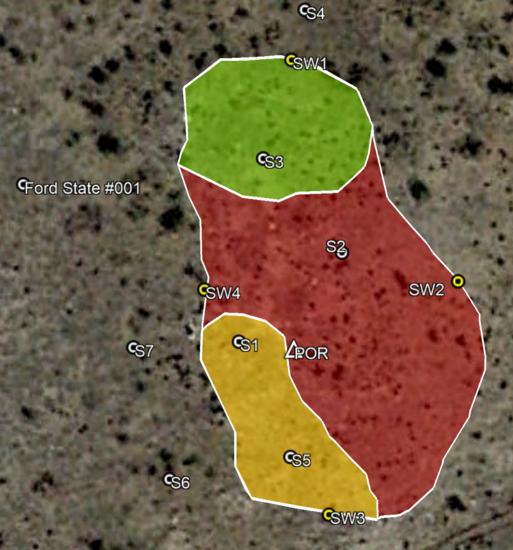
3' Treatment Area

4' Treatment Area

A Point of Release

Side Wall Sample

Soil Sample



NI	MOCD Table 1 C						ter is >100')						
100000000000000000000000000000000000000	AKIV	SIKONG	ENERGY CO	KPUKATI	JN - Ford S	tate #001							
ample Date: 2/28/2020, 6/		NIM Approved Laboratory Results											
Sample ID	Sample ID Depth (BGS)		Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	CI mg/kg					
	2'	16.08	<0.12	490	5,800	2,300	8590	330					
S1	4"	-	-	110	1,500	590	2200	-					
51	6'	-	-83	<4.9	280	150	430	- 3					
	11'	1.0		<4.9	51	<47	51						
	1'	<1.08	<0.12	<24	3000	3200	6200	130					
S2	2'	< 0.224	< 0.025	<5.0	<9.1	<46	<60.1	250					
52	4'		1-5	<5.0	<9.5	<48	<62.5	-					
	5'	5-6	7.	<5.0	<9.7	<49	<63.6	-					
	2'	< 0.222	< 0.025	<4.9	65	170	235	<60					
S3	3'	15	-	<5.0	25	59	84	- 10					
	4'	7-	4 75	<5.0	10	<47	10						
S4	1'	< 0.207	<0.023	<4.6	<9.6	<48	<62.2	<60					
	1'	<1.08	<0.12	<24	69	200	269	200					
	2'	2.15	<0.20	100	2400	1300	2800	390					
S5	3'	*	-	52	1300	790	2142	-					
	4"	-	-	30	730	480	1240	-					
	5'	< 0.217	<0.024	<4.8	<9.1	<46	<60	<60					
	1'	< 0.224	< 0.025	<5.0	<10	<50	<65.0	190					
S6	2'	< 0.224	< 0.025	<5.0	<9.5	<48	<62.5	220					
	4'			<4.9	<9.8	<49	<63.7						
	1'	< 0.221	< 0.025	<4.9	23	<47	23	110					
S7	2'	< 0.224	< 0.025	<5.0	<9.8	<49	<63.8	100					
	4'	100000	-	<4.9	11	<48	11	-					
S8	1'	< 0.216	<0.024	<4.8	<9.8	<49	<63.6	140					
SW1	Surface	< 0.222	< 0.025	<4.9	<8.9	<45	<58.8	<60					
SW2	Surface	<0.222	< 0.025	<4.9	<9.7	<48	<62.6	<60					
SW3	Surface	<1.11	<0.12	<25	<9.4	<47	<81.4	150					
SW4	Surface	<1.12	< 0.12	<25	<9.0	<45	<79	<60					

Received by QCD: 7/2/2025 2:59:38 PM FORG State #001

Judah Oil API#:30-015-22512 Eddy County, NM Confirmation Map



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1.5' Excavated Area



2.5' Excavated Area



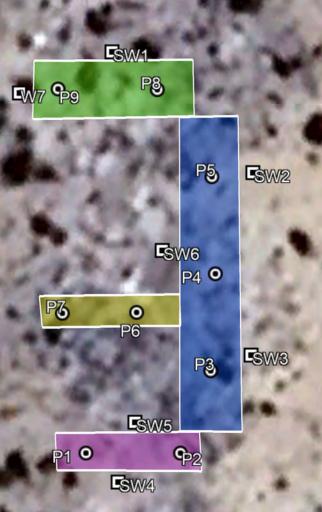
5' Excavated Area



6.5' Excavated Area

Base Sample

Side Wall Sample



			Judah Oill		STATE OF STREET		ater is 51-10						
Sample Dat 3/7/2024	te:	NM Approved Laboratory Results											
Sample ID	ample ID		Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	CI mg/kg					
	2'	ND	ND	ND	ND	ND	ND	ND					
P1	6'	ND	ND	ND	ND	ND	ND	ND					
	2'	ND	ND	ND	ND	ND	ND	ND					
P2	6'	ND	ND	ND	ND	ND	ND	ND					
	2'	ND	ND	ND	ND	ND	ND	ND					
Р3	6'	ND	ND	ND	ND	ND	ND	ND					
	2'	ND	ND	ND	ND	ND	ND	ND					
P4	6'	ND	ND	ND	ND	ND	ND	ND					
	2'	ND	ND	ND	ND	ND	ND	ND					
P5	6'	ND	ND	ND	ND	ND	ND	ND					
	2'	ND	ND	ND	ND	ND	ND	ND					
P6	6'	ND	ND	ND	ND	ND	ND	ND					
X	2'	ND	ND	ND	ND	ND	ND	ND					
P7	6'	ND	ND	ND	ND	ND	ND	ND					
	2'	ND	ND	ND	ND	ND	ND	ND					
P8	6'	ND	ND	ND	ND	ND	ND	ND					
	2'	ND	ND	ND	ND	ND	ND	ND					
P9	6'	ND	ND	ND	ND	ND	ND	ND					
SW1	Surface	ND	ND	ND	ND	ND	ND	ND					
SW2	Surface	ND	ND	ND	ND	ND	ND	ND					
SW3	Surface	ND	ND	ND	ND	ND	ND	ND					
SW4	Surface	ND	ND	ND	ND	ND	ND	ND					
SW5	Surface	ND	ND	ND	ND	ND	ND	ND					
SW6	Surface	ND	ND	ND	ND	ND	ND	ND					
SW7	Surface	ND	ND	ND	ND	ND	ND	ND					



N N



Appendix A

Water Surveys:

OSE

USGS

Surface Water Map



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is

closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

		POD											
		Sub-		Q (Q								Water
POD Number	Code	basin	County	64 1	6 4	Sec	Tws	Rng	X	Y	DistanceDe	pthWellDept	hWater Column
<u>CP 01171 POD1</u>		CP	ED		4	35	21S	28E	588814	3588862	596	70	
<u>CP 01171 POD3</u>		CP	ED		4	35	21S	28E	588814	3588862	596	115	
<u>CP 01171 POD2</u>		CP	ED		4	35	21S	28E	588866	3588862	623	110	
<u>CP 01118 POD1</u>		CP	ED		4	35	21S	28E	588800	3588926	647	25	
<u>CP 01118 POD2</u>		CP	ED		4	35	21S	28E	588800	3588926	647	56	
C 03533 POD1		CUB	ED	3 4	1 4	03	22S	28E	587377	3586934	1816	55	
C 03533 POD2		CUB	ED	3 4	1 4	03	22S	28E	587358	3586935	1827	55	
<u>C 03533 POD3</u>		CUB	ED	3 4	1 4	03	22S	28E	587370	3586911	1838	55	
<u>C 03533 POD4</u>		CUB	ED	4 3	3 4	03	22S	28E	587331	3586892	1877	55	
C 03534 POD1		CUB	ED	4 3	3 4	03	22S	28E	587240	3586950	1894	150	

Average Depth to Water: --Minimum Depth: --

Maximum Depth:

Record Count: 10

<u>UTMNAD83 Radius Search (in meters):</u>

Easting (X): 588529.62 **Northing (Y):** 3588338 **Radius:** 5000

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.

2/22/24 12:03 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER



New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag POD Number Q64 Q16 Q4 Sec

Q64 Q16 Q4 Sec Tws Rng

X

CP 01171 POD1 1 4 35 21S 28E

588814

3588862

Driller License: 1478

Driller Company:

STRAUB CORPORATION

Driller Name: STRAUB, MARTIN

Drill Start Date: 05/31/2013

Drill Finish Date:

05/31/2013

Plug Date:

Source:

Log File Date: 06/10/2013

PCW Rcv Date:

Estimated Yield:

Pump Type: Casing Size: Pipe Discharge Size: Depth Well:

70 feet

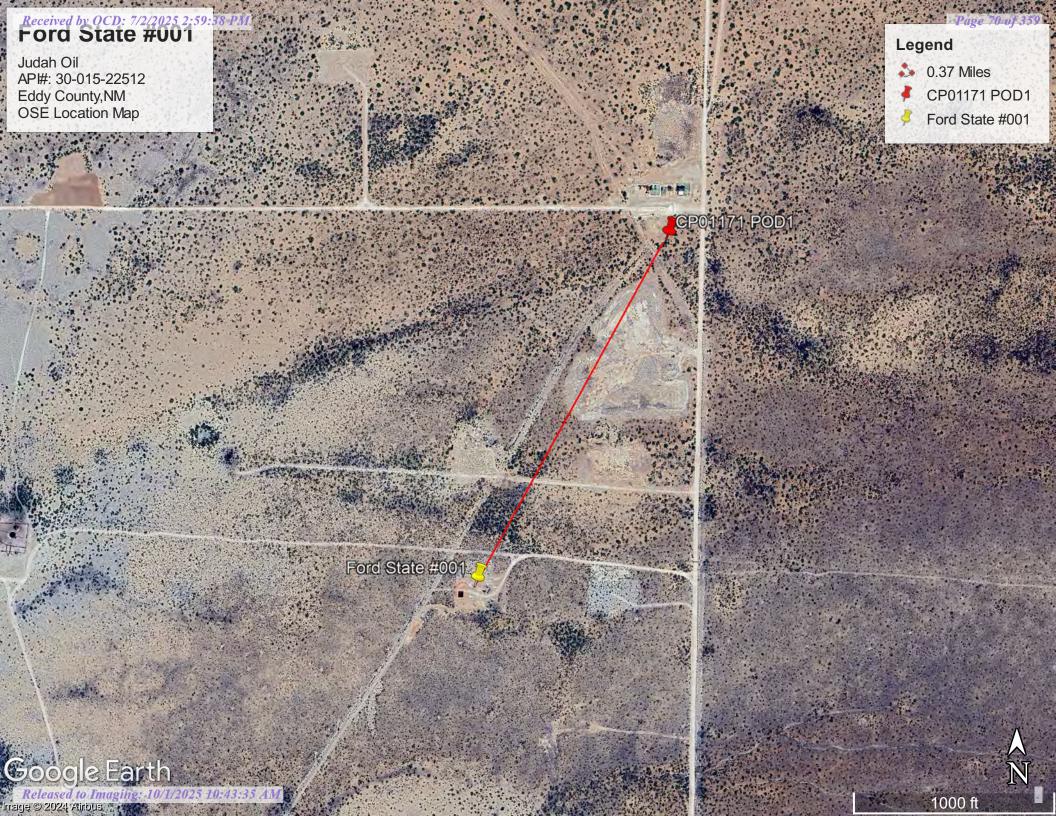
Depth Water:

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

3/26/24 8:52 AM

POINT OF DIVERSION SUMMARY

Shallow



An official website of the United States government Here's how you know

MENU

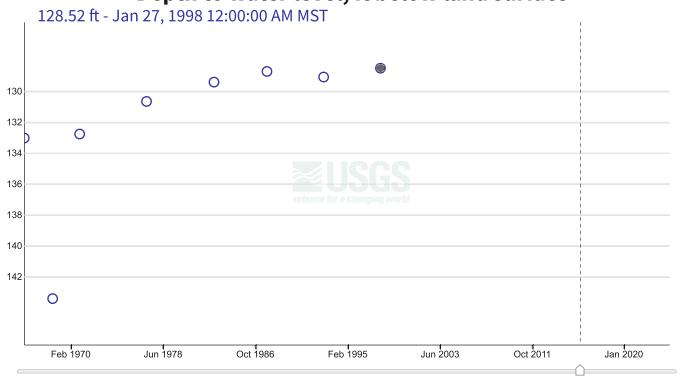
IMPORTANT <u>Inventory Page</u>



1 year 10 years Period of record

22S.28E.02.11111 - 322547104035001

December 2, 1965 - February 22, 2024 **Depth to water level, ft below land surface**



IMPORTANT Data may be provisional

Show legend ∨

	Value	Status	
○ Selected	128.52 ft	Approved	
Jan 27, 1998 12:00:00 AM MST			

Hide graph details ^

Statistics are not currently supported for the data type:

Hide statistics ^

Change time span

Download data

View data records

Select data to graph

Questions	or Comments
-----------	-------------

O Depth to water level, ft below land surface	1965-12-02 to 1998-01-27
Groundwater level above NAVD 1988, ft	1965-12-02 to 1998-01-27
Groundwater level above NGVD 1929, feet	1965-12-02 to 1998-01-27

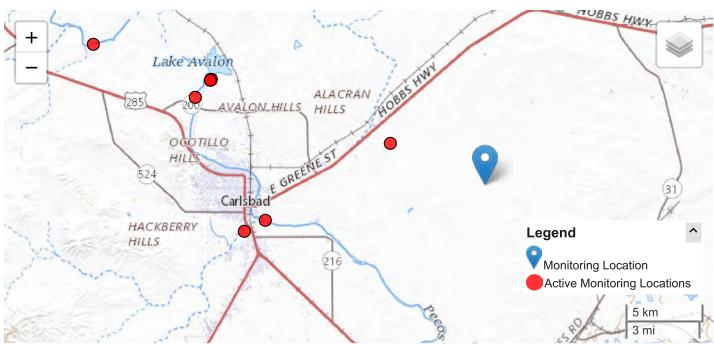
Monitoring camera

There are no cameras currently available at this monitoring location.

Groundwater data BETA

Why don't I see a groundwater graph?

No groundwater level statistical daily data has been reported for this location.



v: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset,...

Interested in understanding how to access the upstream/downstream data? <u>Learn about the Network-Linked Data Index (NLDI)</u>

Summary of available field and laboratory sample data

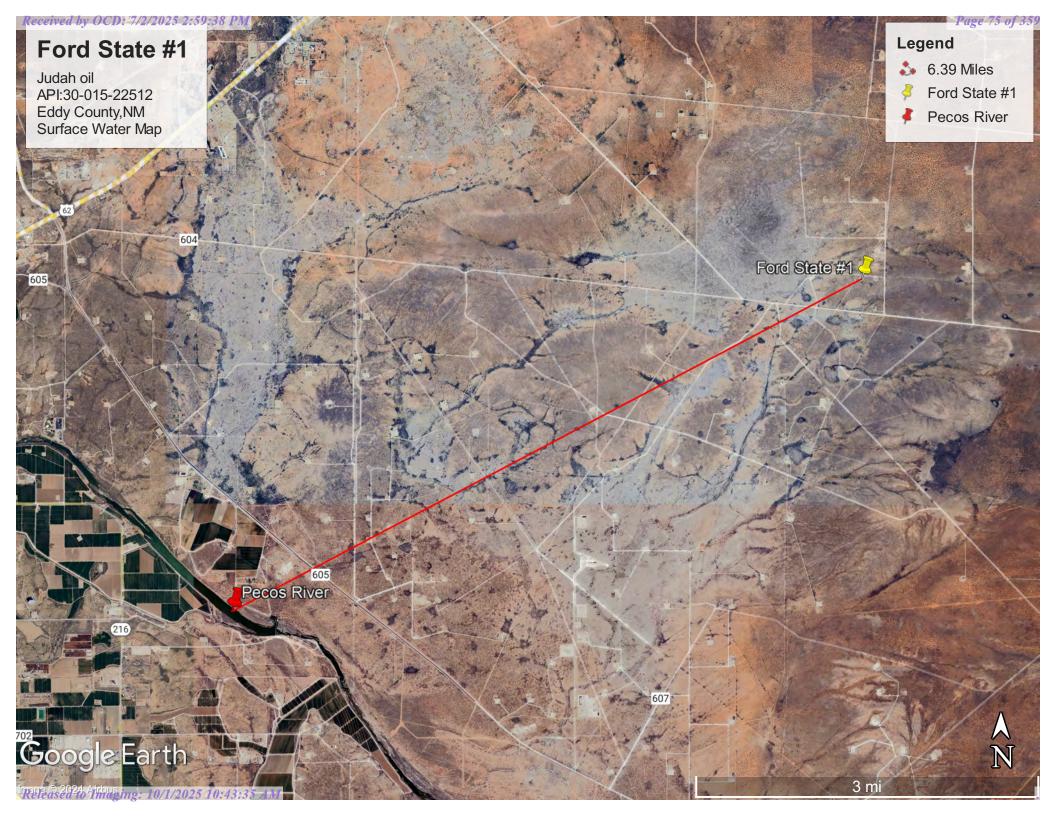
Summary of all available data

Location metadata

DOI Privacy Policy | Legal | Accessibility | Site Map | Contact USGS Follow

U.S. Department of the Interior | DOI Inspector General | White House | E-gov | No Fear Act | FOIA







Appendix B

Soil Survey & Geological Data FEMA Flood Map Wetlands Map



Soil Map-Eddy Area, New Mexico (Ford State #1)

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 \odot

 \boxtimes

Borrow Pit

*

Clay Spot

Closed Depression

Gravel Pit

Gravelly Spot

۵

Landfill

Lava Flow Marsh or swamp

Mine or Quarry

Miscellaneous Water

Perennial Water

Rock Outcrop

Saline Spot

Sandy Spot

0

Severely Eroded Spot

٥

Sinkhole

Slide or Slip Sodic Spot

Spoil Area

â

Stony Spot

0

Very Stony Spot

Wet Spot Other

Δ

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

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: Eddy Area, New Mexico Survey Area Data: Version 19, Sep 7, 2023

Soil map units are labeled (as space allows) for map scales 1:50.000 or larger.

Date(s) aerial images were photographed: Nov 12. 2022—Dec 2. 2022

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.

Ford State #1

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
UG	Upton gravelly loam, 0 to 9 percent slopes	23.9	100.0%
Totals for Area of Interest		23.9	100.0%

Eddy Area, New Mexico

UG—Upton gravelly loam, 0 to 9 percent slopes

Map Unit Setting

National map unit symbol: 1w64 Elevation: 1,100 to 4,400 feet

Mean annual precipitation: 7 to 15 inches

Mean annual air temperature: 60 to 70 degrees F

Frost-free period: 200 to 240 days

Farmland classification: Not prime farmland

Map Unit Composition

Upton and similar soils: 96 percent Minor components: 4 percent

Estimates are based on observations, descriptions, and transects of

the mapunit.

Description of Upton

Setting

Landform: Ridges, fans

Landform position (three-dimensional): Side slope, rise

Down-slope shape: Convex Across-slope shape: Convex

Parent material: Residuum weathered from limestone

Typical profile

H1 - 0 to 9 inches: gravelly loam
H2 - 9 to 13 inches: gravelly loam
H3 - 13 to 21 inches: cemented

H4 - 21 to 60 inches: very gravelly loam

Properties and qualities

Slope: 0 to 9 percent

Depth to restrictive feature: 7 to 20 inches to petrocalcic

Drainage class: Well drained

Runoff class: High

Capacity of the most limiting layer to transmit water (Ksat): Low to

moderately high (0.01 to 0.60 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None Frequency of ponding: None

Calcium carbonate, maximum content: 75 percent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0

mmhos/cm)

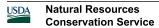
Sodium adsorption ratio, maximum: 1.0

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: R070BC025NM - Shallow

Hydric soil rating: No

Minor Components

Reagan

Percent of map unit: 1 percent

Ecological site: R070BC007NM - Loamy

Hydric soil rating: No

Upton

Percent of map unit: 1 percent

Ecological site: R070BC025NM - Shallow

Hydric soil rating: No

Atoka

Percent of map unit: 1 percent

Ecological site: R070BC007NM - Loamy

Hydric soil rating: No

Atoka

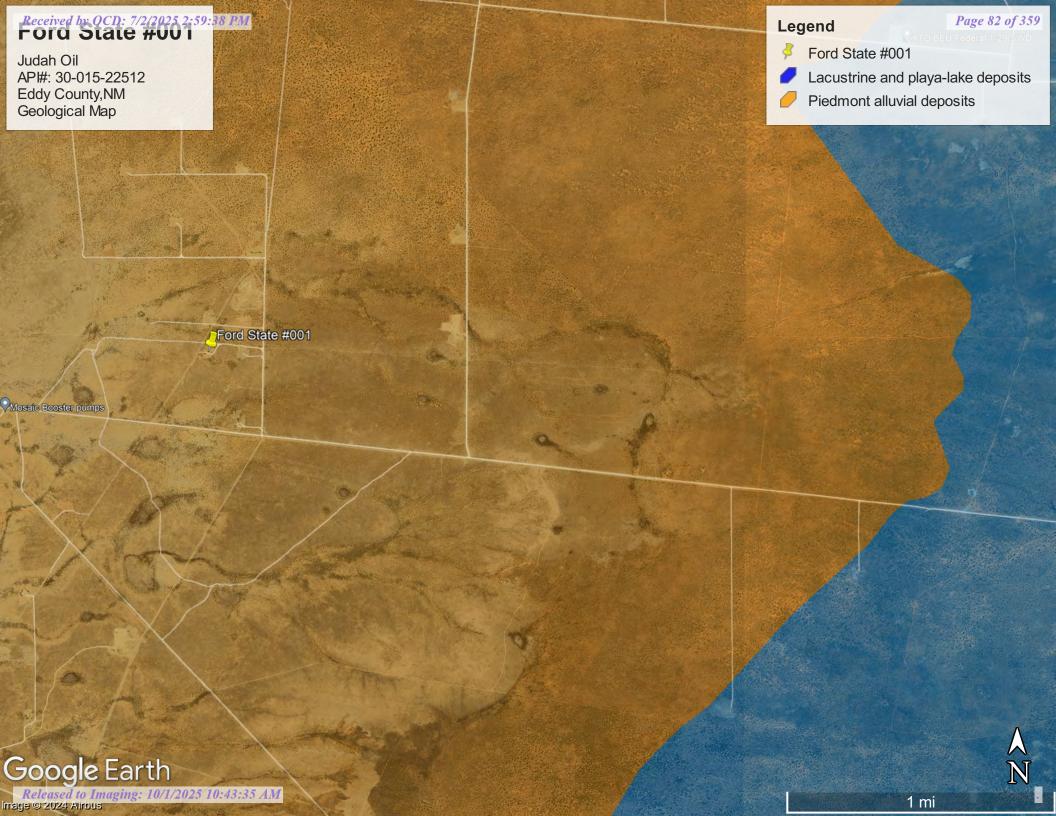
Percent of map unit: 1 percent

Ecological site: R070BC007NM - Loamy

Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico Survey Area Data: Version 19, Sep 7, 2023



ORelease 40 Imaging: 10/1/2025 P0.43:35 AM

National Flood Hazard Layer FIRMette





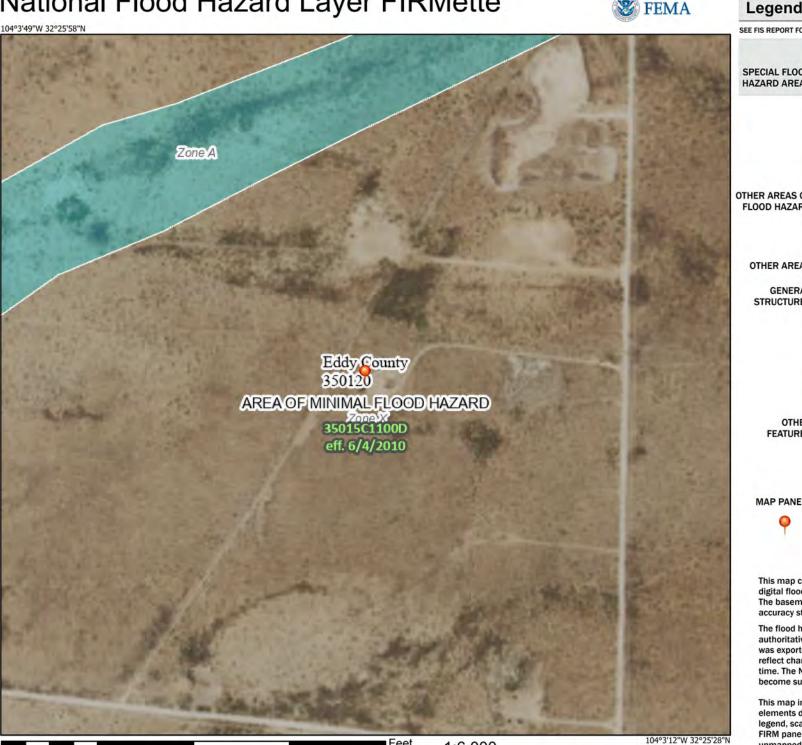
SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT Without Base Flood Elevation (BFE) With BFE or Depth Zone AE, AO, AH, VE, AR SPECIAL FLOOD HAZARD AREAS Regulatory Floodway 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X **Future Conditions 1% Annual** Chance Flood Hazard Zone X Area with Reduced Flood Risk due to Levee. See Notes. Zone X OTHER AREAS OF Area with Flood Risk due to Levee Zone D FLOOD HAZARD NO SCREEN Area of Minimal Flood Hazard Zone X **Effective LOMRs** OTHER AREAS Area of Undetermined Flood Hazard Zone D GENERAL - - - Channel, Culvert, or Storm Sewer STRUCTURES | 1111111 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** --- Coastal Transect Baseline OTHER **Profile Baseline FEATURES** Hydrographic Feature Digital Data Available No Digital Data Available MAP PANELS Unmapped The pin displayed on the map is an approximate point selected by the user and does not represent

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

an authoritative property location.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 10/2/2023 at 2:37 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

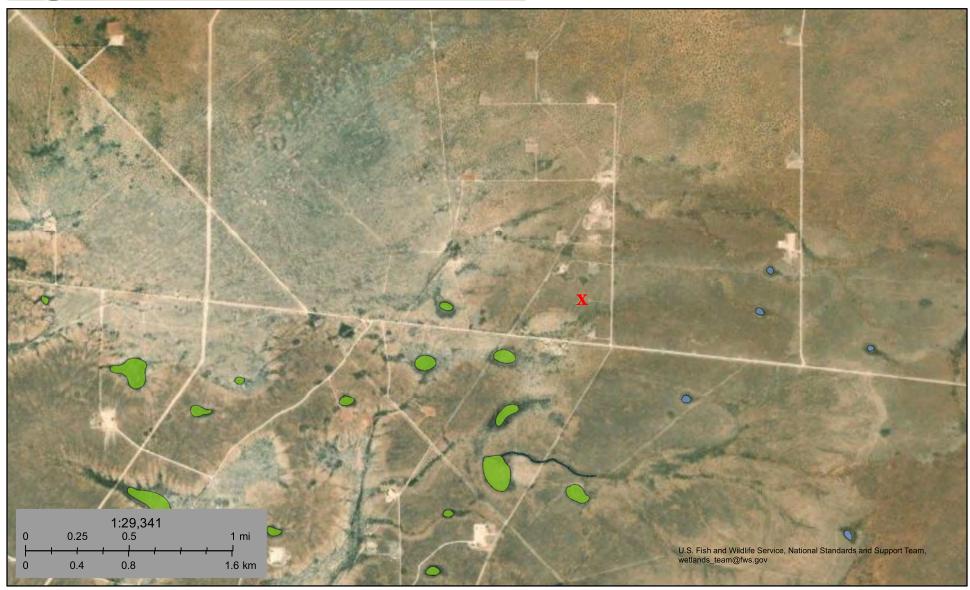
This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory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



2,000



FORD STATE #001



February 22, 2024

Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Pond

eliano

Freshwater Forested/Shrub Wetland

Riverine

Lake

Other

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.



Appendix C

48-Hour Notification

SIGN-IN HELP

Searches Operator Data Hearing Fee Application

Artesia

Eddy

Districts:

Counties:

OCD Permitting

Home

Operator Data

Action Status

Action Search Results

Action Status Item Details

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

Submission Information

Submission ID: 320232

[245872] JUDAH OIL LLC

Description: JUDAH OIL LLC [245872]

, FORD STATE #001 , nKMW1106735785

Status: APPROVED
Status Date: 03/05/2024

References (2): 30-015-22512, nKMW1106735785

Forms

Operator:

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#) nKMW1106735785

Incident Name NKMW1106735785 FORD STATE #001 @ 30-015-22512

Incident Type Oil Release

 Incident Status
 Remediation Plan Approved

 Incident Well
 [30-015-22512] FORD STATE #001

Location of Release Source

Site Name FORD STATE #001
Date Release Discovered 02/04/2011

Surface Owner State

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet 40,000
What is the estimated number of samples that will be gathered 11

Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of

19.15.29.12 NMAC

Time sampling will commence

10:30 AM

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

Please provide any information necessary for observers to contact samplers

Pima Environmental Services Email: sebastian@pimaoil.com phone: 619-721-4813

Please provide any information necessary for navigation to sampling site

From the BLM in Carlsbad, head east on 62/180 for 7.2 miles then turn right onto caliche road. Continue straig
then turn left. Continue straight for 1.3 miles then turn left. Continue straight for 0.1 miles then turn left. Site is a

03/07/2024

SIGN-IN HELP

	Searches	Operator Data	Hearing Fee Application
This submission type does not have acknowledgments, at this time.			
Comments			
No comments found for this submission.			
Conditions			
Summary: aquinones (3/5/2024), Failure to notify the OCD of sampling events including any changes in remediation closure samples not being accepted.	date/time per the re	quirements of 19.15.29.12.	D.(1).(a) NMAC, may result in the
Reasons			
No reasons found for this submission.			
Go Back			
New Mexico Energy, Minerals and Natural Resources Department			

EMNRD Home OCD Main Page OCD Rules Help



Appendix D

Photographic Documentation



JUDAH OIL FORD STATE #1 SITE PHOTOGRAPHS

Assessment-

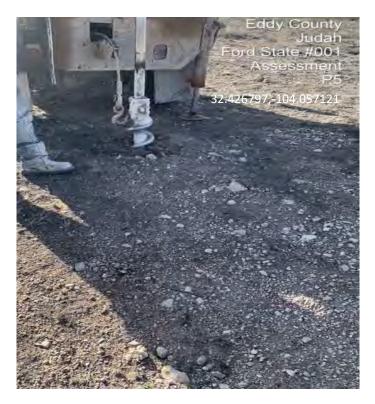
















Appendix E

Laboratory Reports



Appendix F

Lea Land Disposal Manifest

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:

BLAISE CAMPANELLA JUDAH OIL, LLC P. O. BOX 568

ARTESIA, NM 88211

INVOICE # 28565

Date:

8/6/2020

AFE Number:

Charge to:

Ford State #1

Date(s) of Service: 07/27/20 - 07/28/20

Manifest #:

See Attached List

Ship Via:

Rockstar Packing LLC

Qty	U/M	Description	Unit Price	Total
201.65	Tons	Non-regulated & non-hazardous waste (soil)	\$20.00	\$4,033.00
	,			
		Landfill located at Carlsbad, NM		
······································	<u></u>		Subtotal	\$4,033.00

TERMS: NET 30

Sales tax rate Sales tax

\$221.82

5.500%

\$4,254.82 Total

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!

Judah Oil Weights Statement

	Manifest				
Receive Date	Number	Lease Name	Lease Name		Weight (Tons)
7/27/2020	137965	Ford State #1		161,880	80.94
7/27/2020	137966	Ford State #1		162,160	81.08
7/28/2020	137989	Ford State #1		40,420	20.21
7/28/2020	137990	Ford State #1		38,840	19.42
			TOTALS:	403,300	201.65
				lbs.	Tons

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

Released to Imaging: 10/1/2025 10:43:35 AM



July 6, 2020

#5E29071-BG2

NMOCD District 2 Victoria Venegas 811 S First St. Artesia, New Mexico 88210

SUBJECT: Remediation Plan for the Ford State 1 Release (2RP-634), Carlsbad, New Mexico

Ms. Venegas:

On behalf of Judah Oil, LLC, Souder, Miller & Associates (SMA) has prepared this Remediation Plan that describes the delineation and proposed remediation for a release of liquids related to oil and gas production activities at the Ford State 1 site. The site is in Unit C, Section 2, Township 22S, Range 28E, Eddy County, New Mexico, on state land. Figure 1 illustrates the vicinity and site location on an USGS 7.5 minute quadrangle map.

Table 1 summarizes information regarding the release.

Table 1: Release Information and Closure Criteria								
Name	Ford State 1	Company	Judah Oil LLC					
API Number	30-015-22512	Location	32.42858, -104.05852					
Incident Number	2RP-634							
Estimated Date of Release	2/4/2011	Date Reported to NMOCD	3/3/2011					
Land Owner	State	Reported To	NMOCD					
Source of Release	A flowline was punctured due to a h	neavy equipment	driving over it.					
Released Volume	42 BBLS, 42 BBLS	Released Material	Crude Oil & Produced Water					
Recovered Volume	0	Net Release	84 BBLS					
NMOCD Closure Criteria	>100 feet to groundwater							
SMA Response Dates	2/28/2020, 4/8/2020, 6/15/2020							

Ford State #1 Remediation Plan (2RP-634) July 6, 2020

Page 2 of 4

1.0 Background

On February 4, 2011, a release was discovered at the Ford State No.1 site due to a poly flowline rupture caused by a vehicle driving over it. Initial response activities were conducted by Judah Oil personnel, and included source elimination and site security activities, which were unable to recover any free-standing fluid. Figure 1 illustrates the vicinity and site location, Figures 2 and 3 illustrate the release location. The C-141 form is included in Appendix A.

2.0 Site Information and Closure Criteria

The Ford State No.1 is located approximately 10 miles from Carlsbad, New Mexico on State land at an elevation of approximately 3180 feet above mean sea level (amsl).

Based upon water well data (Appendix B), depth to groundwater in the area is estimated to be 140 feet below grade surface (bgs). There are no known water sources within ½-mile of the location, according to the New Mexico Office of the State Engineer (NMOSE) online water well database (https://gis.ose.state.nm.us/gisapps/ose_pod_locations/; accessed 7/2/2020). However, an exploratory well in the vicinity (0.47 miles to the north east) approximates depth to groundwater to be over 100 feet bgs. The nearest significant watercourse is an unnamed pond, located approximately 5,000 feet to the south. Figure 2 illustrates the site with 200 and 300-foot radii to indicate that it does not lie within a sensitive area as described in 19.15.29.12.C(4) NMAC. The site is not considered an "exploration, development, production or storage site" and therefore the top four feet must be remediated to the most stringent standards. Additionally, the release area did not occur on land considered "in-use", as outlined by 19.15.29.13.D NMAC. Therefore, the release area shall be reclaimed within the upper four feet to meet the standards of 19.15.29.13.D(1).

Based on the information presented herein, the applicable NMOCD Closure Criteria for this site is for groundwater depth of greater than 100 feet bgs in addition to the requirements of reclamation for the upper four feet of impacted soil. Table 2 demonstrates the Closure Criteria applicable to this location. Pertinent well data is attached in Appendix B.

3.0 Release Characterization Activities and Findings

On February 28, April 8, and June 15, 2020, SMA performed site delineation activities at the Ford State No.1 by collecting soil samples around the release site, using the guidance of Judah Oil personnel. Soil samples were field-screened for chloride using an electrical conductivity (EC) meter and for hydrocarbon impacts using a calibrated MiniRAE 3000 photoionization detector (PID) equipped with a 10.6 eV.

A total of eight (8) sample locations (S1-S8) were investigated using an anchor machine, to depths up to 11 feet bgs, in addition to four sidewalls samples (SW1-SW4) collected from the surface. A total of twenty-eight (28) samples were collected for laboratory analysis for total chloride using EPA Method 300.0; benzene, toluene, ethylbenzene and total xylenes (BTEX) using EPA Method 8021B; and motor, diesel and gasoline range organics (MRO, DRO, and GRO) by EPA Method 8015D. Locations for all samples are depicted on Figure 3.

Laboratory samples were collected in accordance with the sampling protocol included in Appendix C. Samples were placed into laboratory supplied glassware, labeled, and maintained on ice until delivery to Hall Environmental Analysis Laboratory in Albuquerque, New Mexico and Cardinal Laboratories in Hobbs, New Mexico (Appendix D).

As summarized in Table 3, results indicate that an area approximately 85 feet by 45 feet by 2-11 feet deep has been impacted.

Ford State #1 Remediation Plan (2RP-634) July 6, 2020

Page 3 of 4

4.0 Proposed Soil Remediation Work Plan

SMA proposes excavation and removal of contaminated soil, along with the placement of a liner at the most impacted areas. The impacted area surrounding sample points (S1 & S5) will be excavated to four (4) feet bgs, followed by the placement of a 40-mil liner to prevent further migration of contaminants. The area surrounding sample point (S2) will be excavated to approximately two (2) feet bgs, and the area surrounding sample point (S3) will be excavated to three (3) feet bgs. SMA will guide the excavation by collecting composite soil samples for field screens using the methods above.

The release area will be excavated to the NMOCD Closure Criteria as demonstrated in the attached Table 2. In addition, the top four (4) feet of impacted areas off of the well pad will meet the Reclamation requirement of 19.15.29.13(D)(1).

Confirmation samples will be comprised of representative wall and base 5-point composite samples, in accordance with a systematic sampling approach, as defined by SW846 using Gilbert, 1987 equation 5.2.3 for Stratified Random Sampling (Appendix C). This systematic method meets the EPAs data quality assessment standards (DQA) for composite sampling.

Approximately 315 cubic yards of contaminated soil is expected to be removed and replaced with topsoil material from a nearby source in order to return the surface to previous contours. The contaminated soil will be transported for disposal at R360 Environmental Solutions near Hobbs, NM, an NMOCD permitted disposal facility. Upon approval by NMOCD, the projected timeline for completion of remediation activities is approximately 90 days.

5.0 Scope and Limitations

The scope of our services included: assessment sampling; verifying release stabilization, regulatory liaison, and preparing this remediation plan. All work has been performed in accordance with generally accepted professional environmental consulting practices for oil and gas releases in the Permian Basin in New Mexico.

If there are any questions regarding this report, please contact either Ashley Maxwell at 505-320-9241 or Shawna Chubbuck at 505-325-7535.

Submitted by: SOUDER, MILLER & ASSOCIATES

Reviewed by:

Ashley Maxwell Project Manager

Shawna Chubbuck Senior Scientist

Shauna Chubbuck

Ford State #1 Remediation Plan (2RP-634) July 2, 2020 Page 4 of 4

ATTACHMENTS:

Figures:

Figure 1: Vicinity and Well Head Protection Map

Figure 2: Surface Water Radius Map Figure 3: Site and Sample Location Map

Tables:

Table 2: NMOCD Closure Criteria Justification

Table 3: Summary of Sample Results

Appendices:

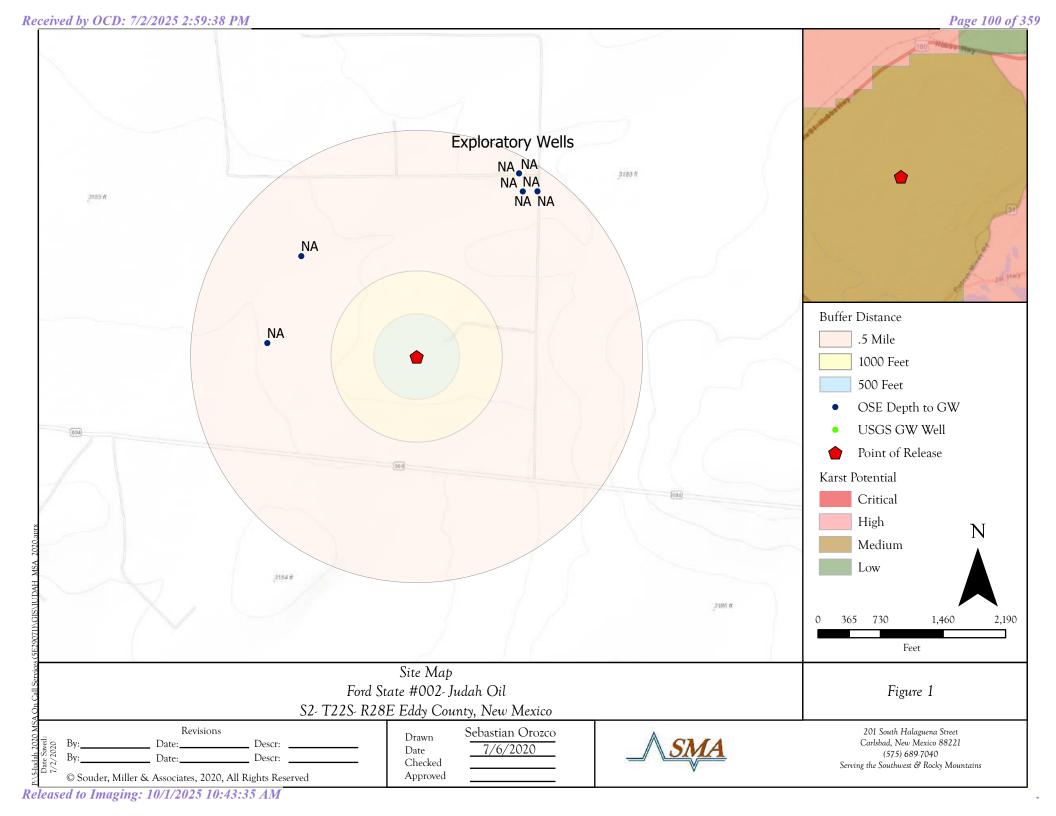
Appendix A: Form C141

Appendix B: NMOSE Wells Report

Appendix C: VSP

Appendix D: Laboratory Analytical Reports

FIGURES



S2- T22S- R28E Eddy County, New Mexico Revisions Sebastian Orozco Drawn
 By:
 Date:
 Descr:

 By:
 Date:
 Descr:
 7/2/2020 Date Checked © Souder, Miller & Associates, 2020, All Rights Reserved Approved Released to Imaging: 10/1/2025 10:43:35 AM



201 South Halaguena Street Carlsbad, New Mexico 88221 (575) 689-7040 Serving the Southwest & Rocky Mountains

TABLES

Table 2: NMOCD Closure Criteria

Site Information (19.15.29.11.A(2, 3, and 4) NMAC)	Source/Notes	
Depth to Groundwater (feet bgs)	140	NMOSE
Hortizontal Distance From All Water Sources Within 1/2 Mile (ft)	-	N/A
Hortizontal Distance to Nearest Significant Watercourse (ft)	1,980	Unnamed Draw (North West)

Closure Criteria (19.15.2	29.12.B(4) an	d Table 1 NMAC)				
	Closure Crite					
Depth to Groundwater	Chloride *numerical limit or background, whichever is greater	ТРН	GRO + DRO	ВТЕХ	Benzene	
< 50' BGS		600	100		50	10
51' to 100'		10000	2500	1000	50	10
>100'	Х	20000	2500	1000	50	10
Surface Water	yes or no	if yes, then				
<300' from continuously flowing watercourse or other significant						
watercourse?	No					
<200' from lakebed, sinkhole or playa lake?	No]				
Water Well or Water Source						
<500 feet from spring or a private, domestic fresh water well used by less than 5 households for domestic or stock watering purposes?	No					
<1000' from fresh water well or spring?	No					
Human and Other Areas		600	100		50	10
<300' from an occupied permanent residence, school, hospital, institution or church?	No					
within incorporated municipal boundaries or within a defined						
municipal fresh water well field?	No					
<100' from wetland?	No					
within area overlying a subsurface mine	No					
within an unstable area?	No (Med)					
within a 100-year floodplain?	No					

Table 3: Summary of Sample Results

Judah Oil Ford State #1 (RP#)

Sample ID	Sample Date	Depth (feet bgs)	Proposed Action/ Action Taken	BTEX mg/Kg	Benzene mg/Kg	GRO mg/Kg	DRO mg/Kg	MRO mg/Kg	Total TPH mg/Kg	CI- mg/Kg
NIMOC	D D I	i Di		0 0	0 0	0 0	0 0	mg/rvg		0 0
		tion Requirem	, ,	50	10		000		100	600
	NIVIOCD CIC	sure Criteria	, ,	50	10		000	0.000	2,500	20,000
		2	excavate	16.08	<0.12	490	5,800	2,300	8,590	330
S1	4/8/2020	4	excavate	-	-	110	1,500	590	2,200	-
		6	excavate	-	-	<4.9	280	150	430	-
		11	excavate	-	-	<4.9	51	<47	51	-
		1	excavate	<1.08	<0.12	<24	3000	3200	6200	130
S2	2/28/2020	2	in- situ	<0.224	<0.025	<5.0	<9.1	<46	<60.1	250
		4	in- situ	-	-	<5.0	<9.5	<48	<62.5	-
		5	in- situ	-	-	<4.9	<9.7	<49	<63.6	-
		2	excavate	<0.222	<0.025	<4.9	65	170	235	<60
S3	4/8/2020	3	in- situ	-	-	<5.0	25	59	84	-
		4	in- situ	-	-	<5.0	10	<47	10	-
S4	2/28/2020	1	in- situ	<0.207	<0.023	<4.6	<9.6	<48	<62.2	<60
	2/28/2020	1	excavate	<1.08	<0.12	<24	69	200	269	200
	4/8/2020	2	excavate	2.15	<0.20	100	2,400	1,300	2,800	390
S5		3	excavate	-	-	52	1,300	790	2,142	-
		4	excavate	-	-	30	730	480	1,240	-
	6/15/2020	5	in- situ	<0.217	<0.024	<4.8	<9.1	<46	<60	<60
		1	in- situ	<0.224	<0.025	<5.0	<10	<50	<65.0	190
S6	4/8/2020	2	in- situ	<0.224	<0.025	<5.0	<9.5	<48	<62.5	220
		4	in- situ	-	-	<4.9	<9.8	<49	<63.7	-
		1	in- situ	<0.221	<0.025	<4.9	23	<47	23	110
S7	4/8/2020	2	in- situ	<0.224	<0.025	<5.0	<9.8	<49	<63.8	100
		4	in- situ	-	-	<4.9	11	<48	11	-
S8	2/28/2020	1	in- situ	<0.216	<0.024	<4.8	<9.8	<49	<63.6	140
SW1	4/8/2020	surface	in- situ	<0.222	<0.025	<4.9	<8.9	<45	<58.8	<60
SW2	4/8/2020	surface	in- situ	<0.222	<0.025	<4.9	<9.7	<48	<62.6	<60
SW3	4/8/2020	surface	in- situ	<1.11	<0.12	<25	<9.4	<47	<81.4	150
SW4	4/8/2020	surface	in- situ	<1.12	<0.12	<25	<9.0	<45	<79	<60

[&]quot;--" = Not Analyzed

APPENDIX A FORM C141

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240

District III

District II
1301 W. Grand Avenue, Artesia, NM 88210

District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

1000 Rio Brazos Road, Aztec, NM 87410

RECEIVED

MAR 08 2011

Form C-141

Page 107 of 359

side of form

Revised October 10, 2003

State of New Mexico Energy Minerals and Natural Resources

> Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

NMOCD ARTES District Office in accordance with Rule 116 on back

Release Notification and Corrective Action

nKmu	1106	73578	15			OPERATOR			X Initia	l Report		Final Report
Name of Co	mpany: J	udah Oil, LL	<u>.C</u>	245876		Contact: Blaise Campanella				D ADD N		
		, Artesia, NI	M 88211	-0568		Telephone I	No.: 575-748-54		NMOCD 2RP No.: 634			
Facility Nar	ne: Ford S	State No. 1				Facility Typ	e: Oil		API No.	: 30-01-5-	-2251	2
Surface Ow	ner: State			Mineral C	Owner:				State Le	ease No.: E	4205	
						N OF RE	LEASE					
Unit Letter	Section	Township	Range	Feet from the		South Line	Feet from the	East/	West Line	(County	
С	2	228	28E	330		FNL	2310	I	FWL		Eddy	
			La	titude		_ Longitud	le					
				NAT	TURE	OF REL	EASE					
Type of Rele	ase: Hydro	carbon and pr	oduced wa	ater.			Release: 42 bbls. s. produced water			Recovered: rapid horizo		
Source of Re	lease: Split	in poly flowl	ine caused	l by vehicle drivi	ng over		Iour of Occurrenc	e:	Date and	Hour of Dis	covery	<u>':</u>
it. Was Immedi	A Notice (J0				Estimated If YES, To	4 February 2011.		18 Febr	uary 2011	100	00 Hrs.
was immedi	ate Notice (X No	☐ Not Req	uired	Mike Bi						
By Whom?	Blaise Cam	panella / Che	ryl Winkle	er		Date and I-	Iour: Approximat	tely 160	00 Hrs. 3 N	/larch=2010	Þ	
Was a Water	course Read		Yes X	No		If YES, Volume Impacting the Watercourse. N/A						
If a Watercou	ırse was Im	pacted, Descr	ibe Fully.	*								·
		N/A										
Subsequently Samples will	, Judah Oi be taken ar	l has taken in id following tl	nmediate, hat, the Ni	proactive steps t MOCD shall be n	to remov otified o	e the contan f the soil chlo	the polyline was ninated soils to an oride levels such the nation samples w	n autho hat disc	orized dispo cernment ma	sal facility ay be emplo	as soo yed in	n as possible. implementing
Describe Ar	ea Affected	and Cleanu	p Action 7	Γaken.*							2,9	
Please refer t	o the Final	Remediation I	Report for	details.								
regulations a public health	Il operators or the envi	are required to	o report and dition, N	nd/or file certain i MOCD acceptan	release n	otifications a	knowledge and u nd perform correct loes not relieve the	tive ac	tions for rel	eases which	may e	ndanger
						OIL CONSERVATION DIVISION						
Signature: Ann Den												
Printed Name: Blaise Campanella Approved by Distinct Byvish 1/4 Brance												
Title: Member/Manager						Approval Da	te: 3/8/20	/1	Expiration	Date:		
E-mail Add	lress: iud	ahoil@yaho	o.com			Conditions o	f Approval:				,	
							TION per OCD	Rules	and	Attached		
Date: 3 Ma				5-748-5488		KEMEDIA	SUBMIT REME	DIATIO	NC			
* Attach Addi	tional Shee	ets If Necess	ary			uidelines. R <u>OPOSAL I</u>		2//\				
					<u>. </u>	<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>	_ (('')					

e of New Mexico

Incident ID	
District RP	2RP-634
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	140 (ft bgs)					
Did this release impact groundwater or surface water?	☐ Yes ⊠ No					
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ⊠ No					
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ⊠ No					
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ⊠ No					
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ⊠ No					
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ⊠ No					
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ⊠ No					
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ⊠ No					
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ⊠ No					
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ⊠ No					
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ⊠ No					
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ⊠ No					
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.						
Characterization Report Checklist: Each of the following items must be included in the report.						
 Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring well Field data Data table of soil contaminant concentration data Depth to water determination Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release Boring or excavation logs Photographs including date and GIS information Topographic/Aerial maps Laboratory data including chain of custody 	ls.					

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

Received by OCD: 7/2/2025 2:59:38 PM Form C-141 State of New Mexico Page 4 Oil Conservation Division

		Page 109 of 359
Incident ID		
District RP	2RP-634	
Facility ID		
Application ID		

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.										
Printed Name:	Title:									
Signature:	Date:									
email:	Telephone:									
OCD Only										
	D-4									
Received by:	Date:									

Remediation Plan Checklist: Each of the following items must be included in the plan.

		Page 110 of 3.	59
Incident ID			
District RP	2RP-634		
Facility ID			
Application ID			

Remediation Plan

Detailed description of proposed remediation technique Scaled sitemap with GPS coordinates showing delineation points Estimated volume of material to be remediated Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)										
Deferral Requests Only: Each of the following items must be con-	firmed as part of any request for deferral of remediation.									
Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.										
Extents of contamination must be fully delineated.										
Contamination does not cause an imminent risk to human health	n, the environment, or groundwater.									
rules and regulations all operators are required to report and/or file of which may endanger public health or the environment. The accepta liability should their operations have failed to adequately investigate surface water, human health or the environment. In addition, OCD responsibility for compliance with any other federal, state, or local limits of the compliance with any other federal, state, or local limits and the compliance with any other federal, state, or local limits and the compliance with any other federal, state, or local limits and the compliance with any other federal, state, or local limits and the compliance with any other federal, state, or local limits and the compliance with any other federal, state, or local limits and the compliance with any other federal state, or local limits and the compliance with any other federal state, or local limits and the compliance with any other federal state, or local limits and the compliance with any other federal state, or local limits and the compliance with any other federal state, or local limits and the compliance with any other federal state, or local limits and the compliance with any other federal state, or local limits and the compliance with any other federal state, or local limits and the compliance with any other federal state, or local limits and the compliance with any other federal state, or local limits and the compliance with any other federal state, and the compliance with the compliance with the compliance w	e and remediate contamination that pose a threat to groundwater, acceptance of a C-141 report does not relieve the operator of aws and/or regulations.									
Printed Name:										
Signature:	Date:									
email:	Telephone:									
OCD Only										
Received by:	Date:									
☐ Approved ☐ Approved with Attached Conditions of	Approval									
Signature:	Date:									

Mr. James Blaise Campanella Member/Manager Judah Oil, LLC PO Box 568 Artesia, NM 88211-0568

MAR 0 8 2011

NMOCD ARTESIA

3 March 2011

Mr. Mike Bratcher
OIL CONSERVATION DIVISION
1301 West Grand Ave.
Artesia, NM 88210

Re: Ford State No. 1 Polyline Discharge Corrective Action Plan

U/L C Sec 2 22S 28E 330' FNL 2310' FWL

API No.: 30-015-22512 NMOCD 2RP No.: 634

State Lease No.: E4205

Dear Mr. Bratcher:

Judah Oil, LLC (Judah) herewith notifies the New Mexico Oil Conservation Division (NMOCD) that a hydrocarbon and produced water discharge occurred at the Ford State No. 1 which was discovered on 18 February 2011 by the pumper. The point of discharge occurred at a split that developed in the flowline running from the well to the remote tank battery when a geological survey crew drove across it.

Due to the fact that this point of discharge was approximately 640 feet from the Ford State No. 1 location and approximately 852 feet from the remote tank battery hidden in a dense grassy field exhibiting dull, straw-like winter killed vegetation supported within a noticeably undulating terrain, the discharge was not found immediately (photos enclosed). Production data indicates the discharge probably began on 4 February 2011 but remained unknown to the operator because the pumper apparently was not verifying or back checking his daily well production figures or he would have noticed something was wrong. When the monthly production figures reached Judah Oil's company office and the discrepancy was revealed, the pumper was severely reprimanded both for not notifying the office immediately and for repairing the flowline on 22 February 2011 and still not telling the office! However, the well was put back on line at this time.

Subsequently, Judah Oil has taken immediate proactive steps to remove the contaminated soils to an authorized disposal facility as soon as possible. Samples will be taken and following that, the NMOCD shall be notified of the soil chloride levels such that discernment may be employed in

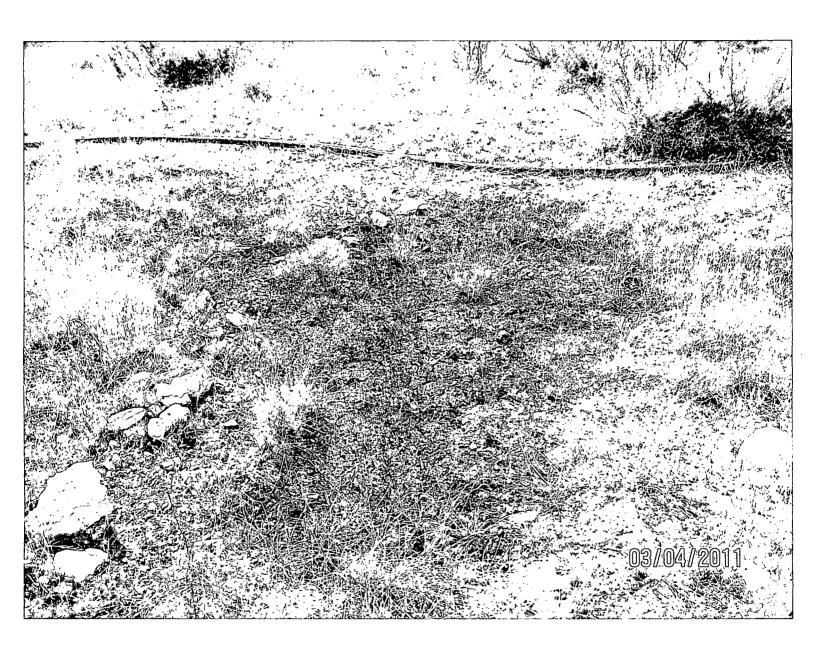
implementing the *Corrective Action Plan* as quickly as possible. Following excavation, confirmation samples will be taken to verify compliance with NMOCD standards. Should you have questions, please call (575-748-5488).

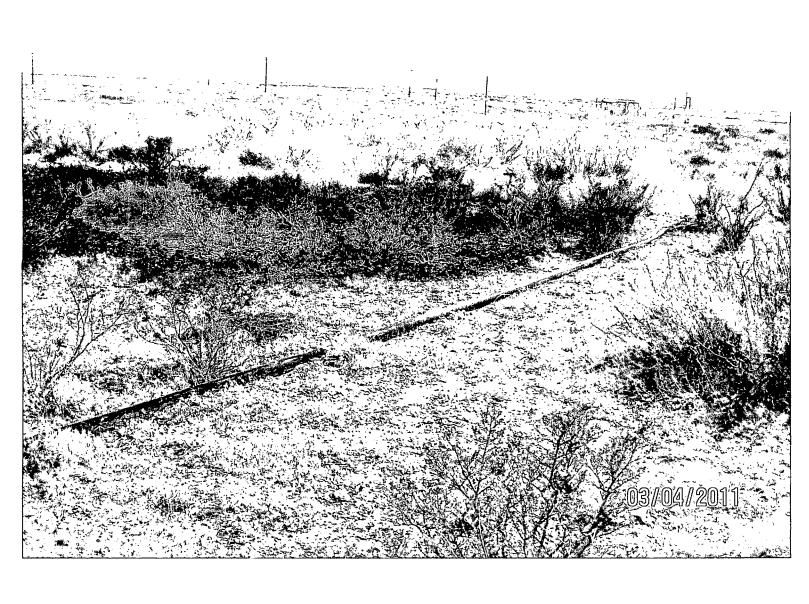
Sincerely,

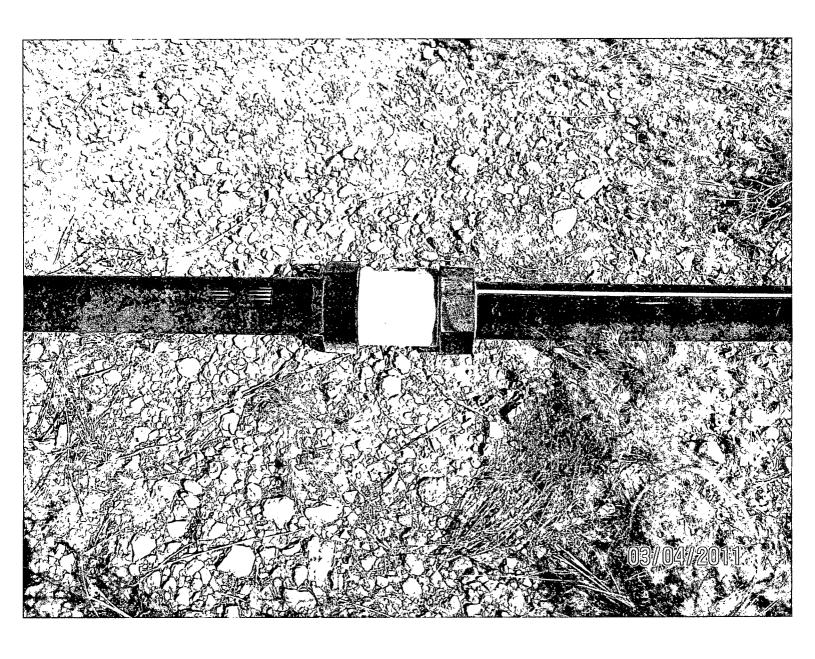
James Blaise Campanella

Member/Manager

Enclosures: Photos, Initial C-141







APPENDIX B NMOSE WELLS REPORT

Page 1 of 3



NEW MEXICO OFFICE OF THE STATE ENGINEER

APPLICATION FOR PERMIT TO DRILL A WELL WITH NO CONSUMPTIVE USE OF WATER



(check applicable box):

	V						
	For fees, see State Engineer we	bsite: http://www.ose.state	e.nm.us/ 2,33050				
Purpose:	Pollution Control And / Or Recovery	☐ Geo-Thermal					
	☐ Construction Site De-Watering	Other (Descri	be):				
Monitoring	☐ Mineral De-Watering						
A separate permit will be	e required to apply water to beneficial use.						
☐ Temporary Request	- Requested Start Date: 5/20/2013	Reque	ested End Date:				
Plugging Plan of Operation	tions Submitted? Yes No						
1. APPLICANT(S)							
Name: BOPCO, LP		Name:					
Contact or Agent: Ben J. Arguijo (Basin	check here if Agent Environmental)	Contact or Agent:	check here if Agent ⊠				
Mailing Address: 3100 F	Plains Hwy.	Mailing Address:					
City: Lovington		City:					
State: NM	Zip Code: 88220	State:	Zip Code:				
Phone: (806)549-9597 Phone (Work):	☐ Home ☒ Cell	Phone: Phone (Work):	☐ Home ☐ Cell				
E-mail (optional): bjarç	guijo@basinenv.com	E-mail (optional):	-				
	POD Renum	pered					
	From: <u>CP</u> -	-1171					
		71 POD 1-5					
W. 101	FOR OSE INTERN	AL USE	Application for Permit, Form wr-07, Rev 4/12/12				
97423	File Number:	P-1171	Trn Number: 527952				
	Trans Description (optional): POI	1-5				
	Sub-Basin:						
	PCW/LOG Due Da	te: 5-3	1- 14				

2.	WELL(S) Describe	the	well(s)	applicable	to	this	application.
----	--------	------------	-----	---------	------------	----	------	--------------

			(\(\sigma\)
(Lat/Long - WGS84).			State Plane (NAD 83), UTM (NAD 83), or Latitude/Longitude
District II (Roswell) and Dist	rict VII (Cimarron) c	ustomers, provid	e a PLSS location in addition to above.
NM State Plane (NAD83) NM West Zone NM East Zone NM Central Zone		JTM (NAD83) (Me]Zone 12N]Zone 13N	ters) \(\textstyle \text{Lat/Long (WGS84) (to the nearest 1/10 th of second)}
Well Number (if known):	X or Easting or Longitude:	Y or Northing or Latitude:	Provide if known: -Public Land Survey System (PLSS) (Quarters or Halves, Section, Township, Range) OR - Hydrographic Survey Map & Tract; OR - Lot, Block & Subdivision; OR - Land Grant Name
SB-6	104 3 19.5 w	32 26 2.1 n	Unit Letter "J" (NW/SE), Section 35, Township 21 South,
CP-IMI PODI	Range 28 East		
SB-7	104 3 19.5 w	32 26 2.1 n	Unit Letter "J" (NW/SE), Section 35, Township 21 South,
CP-1171 PODZ			Range 28 East
SB-8	104 3 19.5 w	32 26 2.1 n	Unit Letter "J" (NW/SE), Section 35, Township 21 South,
CP-1171 POD3			Range 28 East
SB-9	104 3 19.5 w	32 26 2.1 n	Unit Letter "J" (NW/SE), Section 35, Township 21 South,
CP-1171 POD4			Range 28 East
SB-10	104 3 19.5 w	32 26 2.1 n	Unit Letter "J" (NW/SE), Section 35, Township 21 South,
CP-1171 PODS			Range 28 East
NOTE: If more well location Additional well descriptions			m WR-08 (Attachment 1 – POD Descriptions) If yes, how many
Other description relating well	to common landmark	ks, streets, or othe	r: See attached Site Location Map.
Well is on land owned by: US	Department Of The	Interior - Bureau	Of Land Management
Well Information: NOTE: If r	nore than one (1) we	ell needs to be de	escribed, provide attachment. Attached?
Approximate depth of well (fe	et): 50.00		Outside diameter of well casing (inches): 0.00
Driller Name: Straub Corpora			Driller License Number: WD1478
or realist strains sorpor			

3. ADDITIONAL STATEMENTS OR EXPLANATIONS

Up to five (5) soil borings will be drilled on-site to investigate the vertical and horizontal extent of contamination following a series of produced water and/or crude oil releases at BOPCO's Indian Flats Bass Federal Salt Water Disposal (SWD) site. The exact number, location(s), and depth(s) of the soil bore(s) will be determined on the drilling date by field-screens using a chloride test kit and/or Photo-Ionization Detector. Due to the depth to water at the location (approximately 140 feet below ground surface), it is unlikely that monitor wells will be required.

PE OF A LUT YAN ELM

STATE ENGINEER OF LOS

FOR OSE INTERNAL USE

Application for Permit, Form wr-07

File Number: (P-//)

Trn Number: 527952

NEW MEXICO STATE ENGINEER OFFICE PERMIT TO EXPLORE

SPECIFIC CONDITIONS OF APPROVAL

- 4 No water shall be appropriated and beneficially used under this permit.
- 7 The Permittee shall utilize the highest and best technology available to ensure conservation of water to the maximum extent practical.
- B The well shall be drilled by a driller licensed in the State of New Mexico in accordance with Section 72-12-12 New Mexico Statutes Annotated.
- C Driller's well record must be filed with the State Engineer within 20 days after the well is drilled or driven. Well record forms will be provided by the State Engineer upon request.
- No water shall be diverted from this well except for testing purposes which shall not exceed ten (10) cumulative days, and well shall be plugged or capped on or before, unless a permit to use water from this well is acquired from the Office of the State Engineer.
- P The well shall be constructed, maintained, and operated to prevent inter-aquifer exchange of water and to prevent loss of hydraulic head between geologic zones.
- LOG The Point of Diversion CP 01171 POD1 must be completed and the Well Log filed on or before 05/31/2014.
- LOG The Point of Diversion CP 01171 POD2 must be completed and the Well Log filed on or before 05/31/2014.

Trn Desc: CP-1171 POD1-5 EXPL File Number: CP 01171

Trn Number: 527952

page: 1

NEW MEXICO STATE ENGINEER OFFICE PERMIT TO EXPLORE

SPECIFIC CONDITIONS OF APPROVAL (Continued)

- LOG The Point of Diversion CP 01171 POD3 must be completed and the Well Log filed on or before 05/31/2014.
- LOG The Point of Diversion CP 01171 POD4 must be completed and the Well Log filed on or before 05/31/2014.
- LOG The Point of Diversion CP 01171 POD5 must be completed and the Well Log filed on or before 05/31/2014.

ACTION OF STATE ENGINEER

Notice of Intention Rcvd: Date Rcvd. Corrected: Formal Application Rcvd: 05/14/2013 Pub. of Notice Ordered: Date Returned - Correction: Affidavit of Pub. Filed:

This application is approved provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare of the state; and further subject to the specific conditions listed previously.

Witness my hand and seal this 22 day of May A.D., 2013

Scott A. Verhines, P.E. , State Engineer

By: Andy Morley

Trn Desc: CP-1171 POD1-5 EXPL

File Number: CP 01171

page: 2

2.32017

District 1
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IY
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 October 10, 2003

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

	- > 1/2 70	200	Rele	ease Notifica				ction				
n MCB 120						OPERA'			✓ Initia	al Report	☐ Fina	al Repor
Name of Co			40-11	240737		Contact Tor						
		Flats Bass F		ad, N.M. 88220 SWD		Facility Typ	No. 432-556-873 ne: F&P	30	-3	10-015	5-240	31.8
Surface Ov				Mineral O						No. LC-067		79.51
Surface Ov	Mei redera	4							Lease I	NO. LC-06	144	
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J	Section 35	Township 21S	Range 28E	Feet from the	North/	South Line	Feet from the	East/We	est Line	County Eddy		
		(H)	L	atitude_N 32.43				25_				
Type of Rele	near Drockue	ad water		NAT	UKE	OF REL					COLLE	
		tting on the pu	ump disch	arge line.		The same of the sa	Release: 200 bbl			Recovered: Hour of Dis		
							e unknown		2/8/12 9:		Rovery	
Was Immed		×	Yes [No Not Ro	quired	If YES, To						
By Whom?	Tony Savoic	. 15					lour 2/8/12 11:44					
Was a Water	rcourse Read		Yes ⊠	No		If YES, Ve	olume Impacting t	the Water	course	REC	EIVE	57
If a Waterco	urse was Im	pacted, Descr	ibe Fully.								2 0 2012 ARTES	IA
Describe Ca	use of Probl	em and Reme	dial Actio	n Taken.* a 1/2' fitt	ing on t	the discharge	of the salt water	disposal p				
The Site ren	e free stand rediation for	ing fluid was the produced	picked up water wil	ken.*The released with a vacuum true I follow the NMO	ck and t	the saturated delines for le	soil was scraped takes and spills.	up and sto	ockpiled o	on-site.		
public health should their or the environment	all operators n or the envi operations h nment. In a	are required to ronment. The save failed to	o report as acceptant adequately OCD accep	e is true and complete is true and complete ind/or file certain rece of a C-141 report investigate and restance of a C-141 received.	clease no rt by the emediate	otifications a c NMOCD m	nd perform correct parked as "Final R ion that nose a thr	tive action eport" do	es not rel	leases which lieve the ope	may endang erator of liabi	ger ility health
			2				OIL CON	SERVA	ATION	DIVISIO	NC	
Signature:	10	y D	auree	<u> </u>		Approved by	District Supervis Signed By	اری	1/			
Printed Nam	e: Tony Sav	roie					ordined By	10111	Y RIK	MULEL	_	
Title: Waste	Mgmt.& Re	emediation Sp	ocialist			Approval Da	FEB 2 1 20)12 E	xpiration	Date:		
E-mail Addr	ess: TASave	oie@BassPet.	com			Conditions o	···or OCD	à.	Attached			
Date: 2/20/1				Phone:432-556-87	30	Remed	SUBMIT REM	N				
		ets If Necess	sary	-	1	PROPOSAL	NOT LATER TO			28	A-10.	37
2 0 V	دين ايا	6100		05 W A	111	AVILE			÷			

SIVIE ENDMESS CLEVE

SIVIE ENGINEES JEELEE

District 1
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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

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Form C-141 Revised October 10, 2003

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				ad, N.M. 88220			No. 432-556-87	30				
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Surface Ow				Mineral O	wner F	ederal			Lease N	io. LC-067	144	APIN
Indian Flo	ats Bass	Fed#		LOCA		OF RE	LEASE			-2496	8	
Unit Letter J	Section 35	Township 21S	Range 28E	Feet from the	North/:	South Line	Feet from the	East/W	est Line	County Eddy		
			L	atitude_N 32.43	33905_	_ Longitu	de W 104.0554	25_				
			-	NAT	URE	OF REL						
Type of Rele							Release: 50 bbls		11,000,000,000,000,000,000,000	Recovered:		
Source of Re	Source of Release: A SWD pump						lour of Occurrent me unknown	ce	5/23/12 9	Hour of Dis :00 a.m.	covery	SE
Was Immedi	ate Notice (If YES, To						- 178
			Yes _	No Not Re	quired	NMOCD I	Emergency #104			-	<	
By Whom?							lour 5/23/12 1:30					<u> </u>
Was a Water	course Rea		Yes 🗵	l No		If YES, Vo	olume Impacting	the Wate	rcourse.		-	
If a Watercon	urse was Im	pacted, Descr									>	
II ii Wateroot	u150 Wu5 111	pacica, Dosci	ioc i dily.								2	
1											1	-
											A.	100
Describe Cau	use of Probl	em and Reme	dial Actio	n Taken.* A 1" va	lve was	left open on	the pump causing	the sum	p to overf	ow. The val	ve was	s closed.
Describe Are	a Affected	and Cleanup	Action Tal	ken.*The released	fluid aff	ected approx	imately 8,000 sq	. ft. area	around the	pump, lease	road	and caliche
same area as	another spi	Ing fluid was	2/8/12	with a vacuum tru	ck and t	he saturated	soil was scraped	up and st	ockpiled o	n-site. The s	spill co	vered the
The Site rem	ediation for	the produced	water wil	l follow the NMO	CD guid	elines for lea	aks and spills.					
I hereby cert	ify that the	information g	ven above	e is true and comp	lete to th	e best of my	knowledge and u	ınderstar	d that purs	uant to NM	OCD r	ules and
regulations a	Il operators	are required t	o report a	nd/or file certain re ce of a C-141 repo	elease no	otifications a	nd perform correct	ctive acti	ons for rel	eases which	may e	ndanger
should their	operations h	nave failed to	adequately	investigate and re	emediate	contaminati	on that pose a thi	reat to gr	ound water	, surface wa	ter, hu	man health
or the enviro	nment. In a	addition, NMC	CD accep	otance of a C-141	report de	es not reliev	e the operator of	responsi	bility for c	ompliance v	vith an	y other
rederal, state,	, or local la	ws and/or regu	ilations.		1		OII CON	CEDM	ATION	DIMETO	NAT.	
		0	2				OIL CON	SERV	ATION	DIVISIO)IN	
Signature:	100	- Sau	ui_			Approved by	District Supervis	sor:		11		
Printed Name	e Tony Say) voie						Si	gned By	Alike.	Buca	MONKEY.
T TIMEO TYME	c. rony bar	TOTO	min		-		HH 4.4					
Title: Waste	Mgmt& Re	emediation Sp	ecialist			Approval Da	te: JUL 11	2012	Expiration	Date:		
Famail Addr	ess. TASav	oie@BassPet.	com		1.	Conditions of						
L'inail Addit	C33. IADAV	Ologoassi Ci.	COM	************		Conditions of	Approvai.			Attached		
Date: 6/24/12		. 77		Phone:432-556-87	730							
Attach Addi	itional She	ets If Necess	ary	Ren	nediati	on per OC	D Rules &			SAF	-17	208
20 V	5 4 43	7192		Guidelir	nes. SU	BMIT REN	MEDIATION					
		5 155		PROPOS	SAL NO	T LATER T	RF	RECEIVED				
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د ده لاد داد	E ENGIN	TATZ		7	/				J	UN 26	2012	
									NIMO	OCD AF	ITES	SIA

2.3305

2.32017

District I
1625 N. French Dr , Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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 October 10, 2003

		THE 24 E OF THE SECTION S.	-	Sa	ma re	, INIVI 0/3	03						
1			Rele	ease Notific	ation	and Co	rrective A	ction	1				
MMIn	12193	52653	3			OPERA'	ГOR			al Report		Final Repor	
Name of Co						Contact Tor							
		Flats Bass F		ad, N.M. 88220		Telephone No. 432-556-8730 Facility Type: E&P							
			edetal #	ISWD		racility Typ	e: E&P						
Surface Ow		THE RESERVE OF THE PERSON NAMED IN		Mineral O	wner F	ederal			Lease 1	to. LC 067	144	ATIN	
Fordion Fla	ts Basil	Ged #		LOCA	TION	OF REI	LEASE S	30-0	115-2	4968	•		
Unit Letter	Section	Township	Range	Feet from the		South Line	Feet from the		West Line	County			
J	35	218	28E							Eddy			
			L	atitude_N 32.43	33905	Longitue	de W 104.0554	25_					
				NAT	URE	OF REL	EASE						
Type of Rele	ase: Produc	ed water					Release: 80 bbls		Volume I	Recovered: 2	0 bbls		
Source of Re	lease: A sal	t water transfe	er pump.				lour of Occurrent	ce		Hour of Disc	covery		
Was Immedi	ate Notice (liven?		***		15/25/12 til	me unknown		5/25/12 9	:00 a.m.			
was minou	att Notice (Yes [No Not Re	equired	Mike Brate							
By Whom?	Tony Savoie					Date and I-	four 5/25/12 11:4	0 a.m.					
Was a Water	course Read		5			If YES, Vo	olume Impacting	the Wat	ercourse.			10	
			Yes 🛭	2 No						45	5	7	
If a Waterco	urse was Im	pacted, Descr	ibe Fully.	•		•					Ti's	71	
												71	
										_		5	
										1		=	
		em and Reme The gauge was		n Taken.* A gaug	e broke	on the pump,	water was spray	ed outsi	de the conta	ainment area	on the	caliche pad	
and road at t	ile lacility.	nie gauge wa.	s replaced.	•							10	5	
well pad. The rotary rig wa The Site rem I hereby cert regulations a public health should their or the environment.	e free standing used to de sediation for ify that the if all operators or the enviroperations homent. In a	ng fluid was a termine the vote the produced information give are required to comment. The tave failed to a	water will water will iven above to report an acceptance adequately OCD accep	ken.*The released with a vacuum truent of the first released to the first released to the true and computed for file certain rece of a C-141 report investigate and reparace of a C-141	ck. The case. A record guid lete to the clease not by the center of the control of the center of the	release is in ig will be re- delines for lea ne best of my otifications a will model model.	the same location scheduled to delivaks and spills. knowledge and und perform corre- larked as "Final Rion that pose a thi	neate the understa ctive act deport" (nd that pursions for rel does not rel round wate	of 2/8/12 and lls. suant to NMC eases which ieve the oper r, surface wa	OCD r may er ator of	ules and indanger Cliability	
Todaran ama	, 01 10041 14	or and or regi	alutions.				OIL CON	SERV	ATION	DIVISIO	N		
Signature:	1	2	3										
	(y Dar	Week.			Approved by	District Supervis	sor:		life De			
Printed Nam	e: Tony Sav	oie						Signe	ed By	11/4 DX	MATEU	LER_	
Title: Waste	Mgmt.& Re	mediation Sp	ecialist			Approval	te: 1 1 2012		Expiration	Date:			
E-mail Addr	ess: TASavo	oie@BassPet.	com		-	Conditions o	f Approval:			Attached			
Date: 6/24/1				Phone:432-556-8	730								
Attach Add			sary	Remedi	ation p	er OCD Ru	ales &			27	P-	-1209	
2 50 V 1	01 942	F137		Guidelines.				D	~~~				
		00000		PROPOSAL	NOTL	ATER THA	N:	l u	ECEI	VED	1		
Mado sa	E ENGLAL	IAIS		_8/"	112	•			JUN 26	2012			
				[/				1	USIT MU	LUIL			
							8	NM	OCD A	RTESIA			

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District 1
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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 October 10, 2003

				30	mua r	e, INIVI 0/3	03					Manager Co. Manager Co.	
			Rele	ease Notific	catio	n and Co	rrective A	ction	1				
MLa	N 1219	34884	2			OPERA	ГOR						
Name of Co	mpany BO	OPCO, L.P.		26	0737	Contact Tor							
				ad, N.M. 88220)		No. 432-556-87	30					
Facility Nar	ne: Indian	Flats Bass F	ederal #	Tank Battery		Facility Typ	e: E&P						
Surface Ow	ner Federa	ıl		Mineral (Owner	Federal		-	Lease	10. LC-067	144	WZ#	
Endian F	lots Ba	ss Fed #	1	LOC	ATIO	N OF RE	FASE	30	2-01	5- 2	091	0	
Unit Letter	Section 35	Township 21S	Range 28E	Feet from the		h/South Line	Feet from the	East/V	Vest Line	County Eddy	7 19	a	
			L	atitude_N 32.4	33905	Longitu	de W 104.0554	25_		1			
				NAT	TURE	OF REL	EASE						
Type of Rele							Release: 15 bbls		And the last of th	Recovered:			
Source of Re	iease: 3" fil	I line to the ta	ınks.				lour of Occurrent	ce		Hour of Dis	covery		
Was Immedia	ate Notice (U-011	Yes [No ⊠ Not R	equired	If YES, To	me 1:00 p.m. Whom?		6/21/12 1	.00 p.m.			
By Whom?						Date and H	lour			***************************************			
Was a Water	course Read		Yes 🗵	No			olume Impacting	the Wate	ercourse.				
If a Watercou	irse was Im	pacted, Descr	ibe Fully.			4				1.5	200	2	
									*		B≥	*	
			`										
Describe Cau line header to	se of Proble the tanks b	em and Reme broke. A vacu	dial Actio um truck v	n Taken.* Crews was on-site remov	were in	nstalling a new from the separ	heater treater at trators and was use	the located to rec	ion when a cover the sp	3" line com oilled fluid.	ing fron	n the flow	
free standing	fluid was p	icked up with	a vacuum	truck.			cimately 1500 sq.	ft. insid	e the tank	battery earth	en conta	inment. The	
The Site rem	ediation for	the crude oil	will follow	w the NMOCD go	uideline	s for leaks and	l spills.			-	ु-गं		
public health should their cor the environ	or the environment of the control of	are required to ronment. The save failed to	to report and acceptant adequately OCD accep	nd/or file certain to be of a C-141 reprinted investigate and to	release ort by the remedia	notifications a he NMOCD mate contamination	knowledge and und perform correct arked as "Final Rion that pose a three the operator of	ctive act deport" d	ions for rel loes not rel round wate	eases which ieve the ope r. surface wa	may end rator of	danger liability nan health	
		- 0					OIL CON	SERV	ATION	DIVISIO	N		
Signature:	1 000	y Sain	Ø			Annroyed by	District Supervis	or:		1.			
Printed Name	: Tony Sav	oie	-			Approved by	District Supervis	Sign	ed By	like B	LANDA	<u> </u>	
Title: Waste	Mgmt.& Re	emediation Sp	ecialist			Approval D	世 1 1 2012	2	Expiration	Date:			
E-mail Addre	ess: TASavo	oie@BassPet.	com			Conditions o	Attached						
Date: 6/24/12				Phone:432-556-8	730		****		Jan 221				
Attach Addi	633 7	12 ,	sary	Guid	elines		OCD Rules & EMEDIATION R THAN:			CEIV	ED	7	
and an air	IE ENUI	AT2 0.8			4 "	11				N 2:6 20			

2 3305 Page 125 of 359

District I
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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 October 10, 2003

-11			Rele	ease Notific	ation	and Co	rrective	Action	n			
nTMWI	2353	28868				OPERATOR Initial Report Final Report						Final Report
Name of Co	mpany BO	PCO, L.P.	1	60737		Contact Tony Savoie						
				ad, N.M. 88220		Telephone No. 432-556-8730						
Facility Nar	ne: Indian	Flats Bass F	ederal #	SWD		Facility Typ						
S 6 - O	- F I	1		1.6					T			
Surface Ow	ner Federa	1		Mineral C	wner F	ederal				No. LC-067		aller d
				LOCA	TION	OF RE	LEASE		API	#30-0	15-	24968
Unit Letter J	Section 35	Township 21S	Range 28E	Feet from the		South Line	Feet from the	East/	West Line	County Eddy		
			L	atitude_N 32.43	33905_	Longitu	de W 104.055	425_				
				NAT	URE	OF REL	EASE					
Type of Rele						Volume of	Release: 80 bb	ls		Recovered:		
Source of Re	lease: A sal	t water transfe	er pump.				lour of Occurre ime unknown	nce		Hour of Dis 1:00 p.m.	covery	
Was Immedia	ate Notice (Given?			**	If YES, To			11/2//12	1.00 p.iii.5		
		\boxtimes	Yes [No 🗌 Not Re	equired		mergency #104	į.	5			
By Whom? T	ony Savoie					Date and I	lour 11/27/12 2	:30 p.m.		(5)		
Was a Water		ched?					olume Impactin		tercourse.	300		
			Yes 🗵	No						RECE	IVE	D
If a Watercon	irse was Im	pacted, Descri	be Fully.				·			DECT	7 204	
									18	DEC 1	2012	4
									NA	AOCD A	DTE	014
										-	-	Contract Con
		em and Remed he facility. Th		n Taken.* A back as replaced.	pressure	valve broke	on the pump, w	ater was	sprayed out	side the con	tainmen	nt area on the
Describe Are	a Affected	and Cleanup A	Action Tak	en.*The released	fluid aff	ected approx	imately 4,500 s	q. ft. are	a around the	pump, lease	road a	nd caliche
determine the	vertical ex	tent of the firs	t release	with a vacuum tru A rig was on loca	tion 12/1	release is in	the same location	on as pre	vious spills . vious locatio	. An air rotai	y rig w	hattery
location, sam	ples were c	ollected to det	ermine ve	rtical extent. A re	mediatio	on plan will b	e developed an	d submit	ted to the N	MOCD.	ic talk	battery
The Site rem	ediation for	the produced	water wil	follow the NMO	CD guid	lelines for lea	aks and spills.					
I hereby certi	fy that the i	nformation gi	ven above	is true and comp	lete to th	e best of my	knowledge and	underst	and that pur	suant to NM	OCD ru	iles and
public health	or the envi	onment. The	accentant	nd/or file certain re ce of a C-141 repo	erease no	NMOCD m	nd perform corr	Report"	does not rel	eases which	may en	danger
should their o	perations h	ave failed to a	dequately	investigate and re	emediate	contaminati	on that pose a t	hreat to g	ground water	r, surface wa	iter, hu	man health
				tance of a C-141	report do	oes not reliev	e the operator of	of respon	sibility for c	ompliance v	vith any	other
federal, state,	or local lav	ws and/or regu	lations.									
					OIL CO	NSER	VATION	DIVISIO)N			
Signature: On Zame				Annroyed by	District Superv	icor:		11				
				approved by	District Superv		Signed By_	alile	Ben	redise_		
Printed Name: Tony Savoie							signed by_	7-11/1				
Title: Waste	Mgmt.& Re	mediation Sp	ecialist			Approval Da	C 1 8 201	2	Expiration	Date:		
E-mail Addre	ess: TASavo	oie@BassPet.	com		(Conditions of Approval:						
Date: 12/17/1	2			Phone:432-556-8	3730	20	120 auth					
Attach Addi		ets If Necess	ary	2000			liation per O			ZRF	2-14	57
							SUBMIT RE			TVE	17	7/
							NOT LATER					
	January 18, 2013											



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Carlsbad Field Office 620 E. Greene St. Carlsbad, New Mexico 88220-6292 www.blm.gov/nm



In Reply Refer To: 3162.4 (NM-080) NMLC067144

May 13, 2013

NM Office of the State Engineer Attn: Bill Duemling 1900 W. Second St. Roswell, NM 99201

RE: NMLC067144; Indian Flats Bass Federal #1 SWD

NWSE, Section 35, T21S-R28E

Latitude: 32.433816, Longitude: -104.055308

Eddy County, New Mexico

Gentlemen:

The above well location has had recent spill events related to oil and gas operation on the above well location. In order to fully delineate the impacted sites, a drilling unit will be needed to complete the delineation. The Bureau of Land Management (land owner) authorizes the use of a drilling unit to accomplish the full delineation of the site.

If there are any questions please call Jim Amos, Supervisory Environmental Protection Specialist, at (505) 234-5909.

Sincerely,

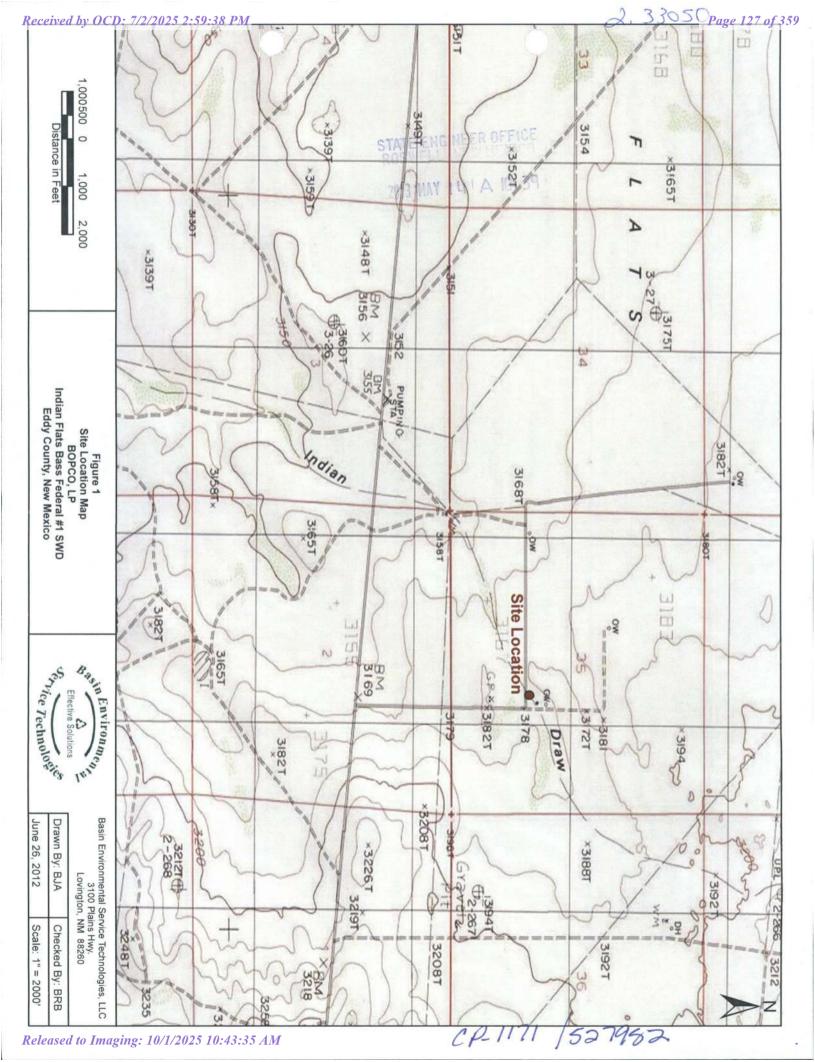
James A. Amos

Supervisory Environmental

mes Q. Como

Protection Specialist

CP-1171 /527952



Exploratory:	Pollution Control and/or Recovery:	Construction	Mine De-Watering:
Include a	☐ Include a plan for pollution	De-Watering:	☐ Include a plan for pollution
description of	control/recovery, that includes the	☐ Include a description of the	control/recovery, that includes the following
any proposed	following:	proposed dewatering	A description of the need for mine dewatering.
oump test, if applicable.	A description of the need for the pollution control or recovery operation.	operation, ☐ The estimated duration of	The estimated maximum period of time
аррисавіс.	The estimated maximum period of	the operation,	for completion of the operation.
	time for completion of the operation.	☐ The maximum amount of	☐ The source(s) of the water to be diverte
	☐ The annual diversion amount.	water to be diverted,	☐The geohydrologic characteristics of the
	☐ The annual consumptive use amount.	A description of the need for the dewatering operation,	aquifer(s). The maximum amount of water to be
	The maximum amount of water to be	and,	diverted per annum.
	diverted and injected for the duration of	A description of how the	☐The maximum amount of water to be
	the operation.	diverted water will be disposed	diverted for the duration of the operation.
Acuitarina.	☐ The method and place of discharge. ☐ The method of measurement of	of. Geo-Thermal:	☐The quality of the water. ☐The method of measurement of water
Monitoring: Include the	water produced and discharged.	☐ Include a description of the	diverted.
reason for the	The source of water to be injected.	geothermal heat exchange	☐The recharge of water to the aquifer.
monitoring	☐ The method of measurement of	project,	Description of the estimated area of
well, and,	water injected.	☐ The amount of water to be	hydrologic effect of the project. The method and place of discharge.
☐ The duration	☐ The characteristics of the aquifer. ☐ The method of determining the	diverted and re-injected for the project,	An estimation of the effects on surface
of the planned	resulting annual consumptive use of	The time frame for	water rights and underground water rights
monitoring.	water and depletion from any related	constructing the geothermal	from the mine dewatering project.
	stream system.	heat exchange project, and,	☐A description of the methods employed estimate effects on surface water rights an
	Proof of any permit required from the New Mexico Environment Department.	☐ The duration of the project. ☐ Preliminary surveys, design	underground water rights.
	☐ An access agreement if the	data, and additional	☐Information on existing wells, rivers,
	applicant is not the owner of the land on	information shall be included to	springs, and wetlands within the area of
	which the pollution plume control or recovery well is to be located.	provide all essential facts relating to the request.	hydrologic effect.
I, We (name of	applicant(s)), Ben J. Arguijo	Print Name(s)	
affirm that the f	oregoing statements are true to the best of		2000
ammin that the n	bregoing statements are true to the best of	(my, our) knowledge and belief.	TATI
191	alala		
Applicant Signa	5/13/13	Applicant Signature	- G
Applicante Signe	iture	Applicant dignature	
	ACTION	OF THE STATE ENGINEER	
		This application is:	5 8
		This application is:	denied
	approved	— r	_ usinisu
	etrimental to the public welfare and further s		contrary to the conservation of water in New f approval.
Nitness my har	nd and seal thisday of	May 2013 ,	for the State Engineer,
		D D	
	Scott A Verhines.	P. F. Ctata Faciana	
8	Scott A Verhines,	. State Engineer	
	Scott A Verhines,	P•E•, State Engineer	
By:	Scott A Verhines,	Print Print	
Signature Fitle: Andy	Scott A Verhines, Ady Morley, District II Manager		
Signature	Adyconaly		
Title: Andy	Morley, District II Manager		Application for Permit, Form wr-0

Scott A. Verhines, P.E. State Engineer



Roswell Office 1900 WEST SECOND STREET ROSWELL, NM 88201

STATE OF NEW MEXICO OFFICE OF THE STATE ENGINEER

Trn Nbr: 527952 File Nbr: CP 01171

May. 22, 2013

BEN J ARGUIJO BOPCO LP 3100 PLAINS HWY LOVINGTON, NM 88260

Greetings:

Enclosed is your copy of the above numbered permit that has been approved subject to the conditions set forth on the approval page. In accordance with the conditions of approval, the well can only be tested for 10 cumulative days, and the well is to be plugged on or before 05/31/2014, unless a permit to use the water is acquired from this office.

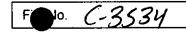
A Well Record & Log (OSE Form wr-20) shall be filed in this office within twenty (20) days after completion of drilling, but no later than 05/31/2014.

Appropriate forms can be downloaded from the OSE website www.ose.state.nm.us or will be mailed upon request.

Sincerely,

Andy Morley (575) 622-6521

Enclosure





NEW MEXICO OFFICE OF THE STATE ENGINEER

APPLICATION FOR PERMIT TO DRILL A WELL WITH NO CONSUMPTIVE USE OF WATER



(check applicable box):

	For fees, see State Engineer web	site. http://www.ose.state.nin.us/
Purpose:	☐ Pollution Control And / Or Recovery	☐ Geo-Thermal
☐ Exploratory	Construction Site De-Watering	Other (Describe):
	Mineral De-Watering	MATE ENGROSWELL. 2017 FEB
A separate permit wil	be required to apply water to beneficial use.	
☐ Temporary Requent	est - Requested Start Date: 2/1/12	Requested End Date: White Hours
Plugging Plan of Ope	erations Submitted: Yes 💢 No	7F1C1 X1C1 0: 3
1. APPLICANT(S) Name: Tony Savois		Name: , o
rame. rony davoid	BOPCO L.P.	U.S. Dept. of Enterior Bim
Contact or Agent:	check here if Agent	Contact or Agent: check here if Agent
Contact : Tony	avoie	James He HMIS
Mailing Address: 522	W. Mermod, Suite 704	James A. Amis Mailing Address: 620 East Greene Street
City: Carlsbad		City: Canblad
State: NM	Zip Code: 88220	State: NM Zip Code: 80220 - 629.
Phone: 432-556-873	0 ☐ Home ☒ Cell	
Phone (Work): 575-8	87-7329	Phone (Work): 575-234-5909
E-mail (optional): tas	avoie@basspet.com	E-mail (optional): Jamos Bulm. gov
		JAMOS BIBIM. GOV

FOR OSE INTERNAL USE

Application for Permit, Form wr-07, Rev 12/14/11

ROSWELL, HEW MEXICO

TON OUR HATENIANE OUR	PP
File Number: (-3534	Trn Number: '496111
Trans Description (optional): Monifor	Well
Sub-Basin:	
PCW LOG Due Date: 02/28/2	0/3

2. WELL(S) Describe the well(s) applicable to this application.

Location Required: Coordin (Lat/Long - WGS84)	ate location must b	e reported in NM S	tate Plane (NAD 83), UTM (NAD 83), <u>or</u> Latitude/Longitude
☐ NM State Plane (NAD83) ☐ NM West Zone ☐ NM East Zone ☐ NM Central Zone	` '	UTM (NAD83) (Mete ⊒Zone 12N ⊒Zone 13N	ers)
Well Number (if known):	X or Easting or Longitude:	Y or Northing or Latitude:	Optional: Complete boxes labeled "Other" below with PLSS (Public Land Survey System, i.e. Quarters, Section, Township, Range); Hydrographic Survey Map & Tract; Lot, Block & Subdivision; OR Land Grant Name if known.
SITE B TMW-1			N 32* 24' 58.38" W 104* 4' 19.89"
POD1			NNSESWSE,
			NNSESWSE, Section 03, T. 235, R. 28E TO THE
			EER OF
			D: 39
NOTE: If more well location Additional well description		bed, complete form	n WR-08 (Attachment 1 – POD Descriptions) If yes, how many
			U.L P Section 3, Twns. 22S, Range 28E
Well is on land owned by: Bir	n		
Well Information: NOTE: If r		rell needs to be des	cribed, provide attachment. Attached? 🔲 Yes 🔯 No
Approximate depth of well (fe		(Outside diameter of well casing (inches): 2.00
Driller Name: Straub		(Oriller License Number: WD 1478
3. ADDITIONAL STATEMENTS			
bores that were advanced at drilling was between 150 to ground surface. A temporar	t the site for vertica 180 feet below grou y well was set and v g and BTEX was <.	I delineation at a flo ind surface. Water water samples were oo1. The NMOCD w	ated depth to ground water in relationship to 3 other soil ow line spill area. The estimated depth to water prior to was encountered at a depth of approxiamtely 106 ft. below e collected for Chloride and BTEX analysis. The chloride rould like for this well to be completed as sentry monitor well. It water at this point.
	· 88 :01 A 0:1	1 2017 FEB	
	HEM WEXICO	KOSMETT STVIE EHR	
	TOISING STRING	ng v y qual i againgtu y galarya.	

4. SPECIFIC REC boxes, to indicate	QUIREMENTS: The applicant must include the information has been included and/or a	the following, as applicable to each ttached to this application:	well type. Please check the appropriate		
Include a description of any proposed pump test, if applicable.		Construction De-Watering: Include a description of the proposed dewatering operation, The estimated duration of the operation, The maximum amount of water to be diverted, A description of the need for the dewatering operation, and, A description of how the diverted water will be disposed of. Geo-Thermal: Include a description of the geothermal heat exchange project, The amount of water to be diverted and re-injected for the project, The time frame for constructing the geothermal heat exchange project, and, The duration of the project. Preliminary surveys, design data, and additional information shall be included to provide all essential facts relating to the request.	Mine De-Watering: Include a plan for pollution control/recovery, that includes the following A description of the need for mine dewatering. The estimated maximum period of time for completion of the operation. The source(s) of the water to be diverted. The geohydrologic characteristics of the aquifer(s). The maximum amount of water to be diverted per annum. The maximum amount of water to be diverted for the duration of the operation. The quality of the water. The method of measurement of water diverted. The recharge of water to the aquifer. Description of the estimated area of hydrologic effect of the project. The method and place of discharge. An estimation of the effects on surface water rights and underground water rights from the mine dewatering project. A description of the methods employed t estimate effects on surface water rights and underground water rights. Information on existing wells, rivers, springs, and wetlands within the area of hydrologic effect.		
	AC	CKNOWLEDGEMENT			
I, We (name of	applicant(s)), John A. "Tony" Savoie	rint Name(s)	s A. Amos (BIM.CFO)		
	on Sauce 2/10/12	(my, our) knowledge and belief.	STATE 2-10-12		
Applicant Signa	$\mathbf{\circ}$	Applicant/Signature OF THE STATE ENGINEER	EB 10		
	ACTION	This application is:	D DEER		
	K Xapproved	partially approved [denied OFF		
provided it is r Mexico nor de	not exercised to the detriment of any others trimental to the public welfare and further s	having existing rights, and is not oubject to the attached conditions of	contrary to the edusery after of water in New of approval.		
Witness my har	nd and seal this 16th day of Febr	uary 20 ¹² .	for the State Engineer,		
Scott /	A. Verhines, P.E.	, State Engineer			
By: BUC Signature	I During	Bill?Duem Print	ling		
Title: Car	rlsbad Basin Supervisor				
LIIII	FOR OS	SE INTERNAL USE	Application for Permit, Form wr-07		

File Number: **[-3534**]

Page 3 of 3

Trn Number: 4

NEW MEXICO STATE ENGINEER OFFICE PERMIT TO MONITOR

SPECIFIC CONDITIONS OF APPROVAL

- 4 No water shall be appropriated and beneficially used under this permit.
- B The well shall be drilled by a driller licensed in the State of New Mexico in accordance with Section 72-12-12 New Mexico Statutes Annotated.
- Oriller's well record must be filed with the State Engineer within 20 days after the well is drilled or driven. Well record forms will be provided by the State Engineer upon request.
- LOG The Point of Diversion C 03534 POD1 must be completed and the Well Log filed on or before 02/28/2013.

NO WATER SHALL BE DIVERTED FROM THIS WELL EXCEPT FOR TESTING PURPOSES WHICH SHALL NOT EXCEED TEN (10) CUMULATIVE DAYS UNLESS A PERMIT TO USE WATER FROM THIS WELL IS ACQUIRED FROM THE OFFICE OF THE STATE ENGINEER.

SHOULD THE PERMITTEE CHANGE THE PURPOSE OF USE TO OTHER THAN MONITORING PURPOSES, AN APPLICATION SHALL BE ACQUIRED FROM THE OFFICE OF THE STATE ENGINEER.

THE WELL SHALL BE CONSTRUCTED, MAINTAINED AND OPERATED THAT EACH WATER SHALL BE CONFINED TO THE AQUIFER IN WHICH IT IS ENCOUNTERED.

ACTION OF STATE ENGINEER

Notice of Intention Rcvd: Date Rcvd. Corrected: Formal Application Rcvd: 02/10/2012 Pub. of Notice Ordered: Date Returned - Correction: Affidavit of Pub. Filed:

This application is approved provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare of the state; and further subject to the specific conditions listed previously.

Witness my hand and seal this 16 day of Feb A.D., 2012

Scott A. Verhines, P.E. , State Engineer

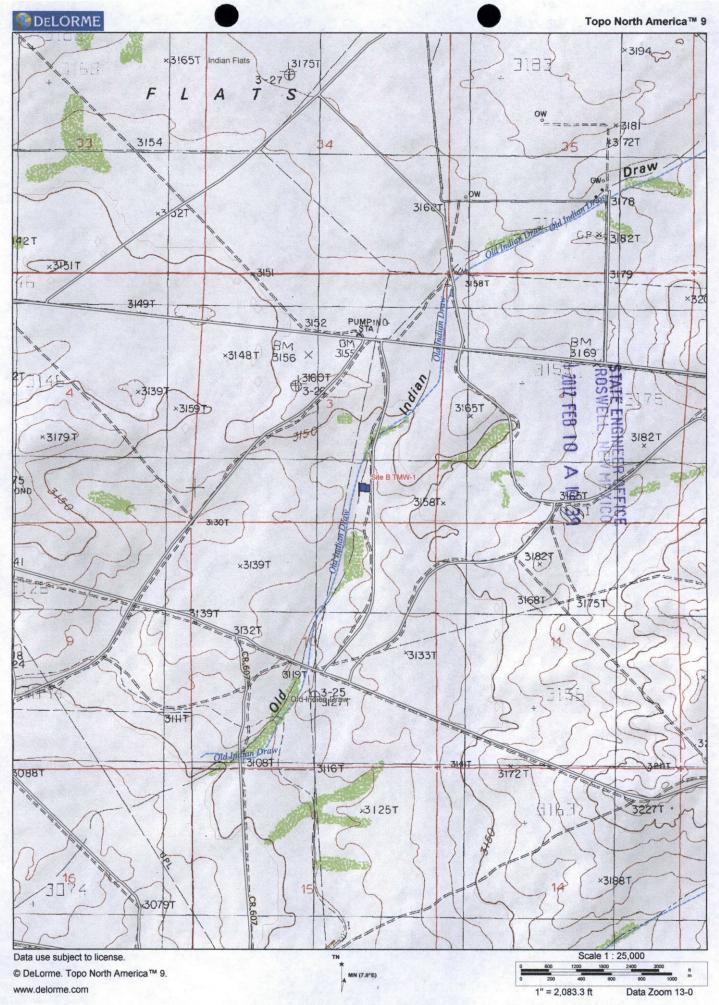
By: Bill Duemling, Barin Supv.

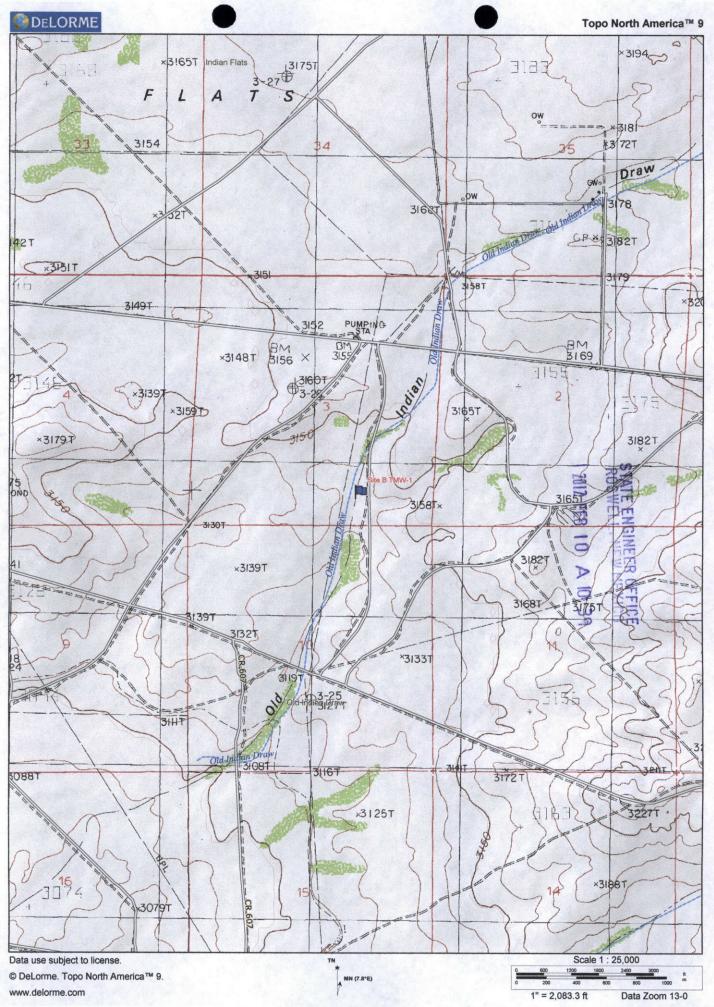
Trn Desc: C 03534-WATER QUALITY SAMPLING

File Number: <u>C 03534</u> Trn Number: <u>49511</u>1

page: 1

· 11





Locator Tool Report

General Information:

Application ID:30 Date: 02-15-2012 Time: 16:59:09

WR File Number: C-03534-POD1

Purpose: POINT OF DIVERSION

Applicant First Name: BOPCO LLP Applicant Last Name: MONITOR WELL

GW Basin: CARLSBAD County: EDDY

Critical Management Area Name(s): NONE Special Condition Area Name(s): NONE

Land Grant Name: NON GRANT

PLSS Description (New Mexico Principal Meridian):

NW 1/4 of SE 1/4 of SW 1/4 of SE 1/4 of Section 03, Township 22S, Range 28E.

Coordinate System Details:

Geographic Coordinates:

Latitude: 32 Degrees 24 Minutes 58.4 Seconds N Longitude: 104 Degrees 4 Minutes 19.9 Seconds W

Universal Transverse Mercator Zone: 13N

 NAD 1983(92) (Meters)
 N: 3,586,950
 E: 587,240

 NAD 1983(92) (Survey Feet)
 N: 11,768,186
 E: 1,926,636

 NAD 1927 (Meters)
 N: 3,586,748
 E: 587,289

 NAD 1927 (Survey Feet)
 N: 11,767,524
 E: 1,926,797

State Plane Coordinate System Zone: New Mexico East

 NAD 1983(92) (Meters)
 N: 157,048
 E: 189,562

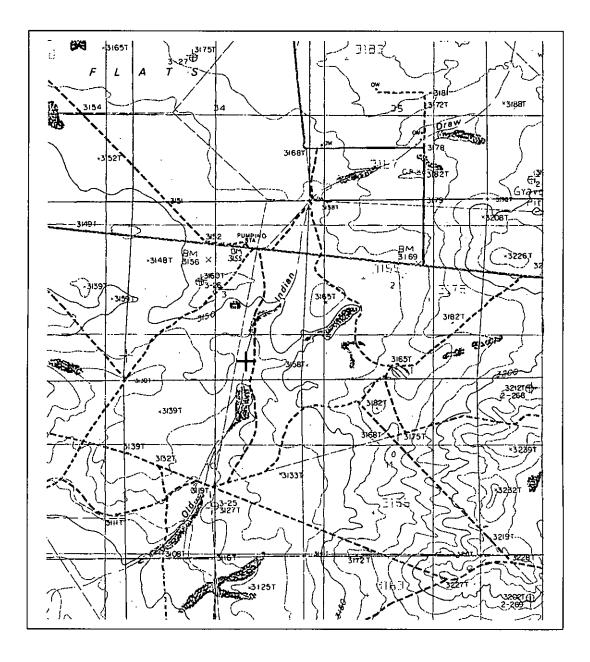
 NAD 1983(92) (Survey Feet)
 N: 515,249
 E: 621,921

 NAD 1927 (Meters)
 N: 157,030
 E: 177,010

 NAD 1927 (Survey Feet)
 N: 515,189
 E: 580,739

NEW MEXICO OFFICE OF STATE ENGINEER

Locator Tool Report





WR File Number: C-03534-POD1 Scale: 1:34,654

Northing/Easting: UTM83(92) (Meter): N: 3,586,950 E: 587,240

Northing/Easting: SPCS83(92) (Feet): N: 515,249 E: 621,921

GW Basin: Carlsbad

Page 2 of 2 Print Date: 02/15/2012

Scott A. Verhines, P.E. State Engineer



Roswell Office 1900 WEST SECOND STREET ROSWELL, NM 88201

STATE OF NEW MEXICO OFFICE OF THE STATE ENGINEER

Trn Nbr: 495111 File Nbr: C 03534

Feb. 16, 2012

JAMES AMOS
U.S. DEPT. OF INTERIOR--BLM
620 EAST GREENE STREET
CARLSBAD, NM 88220-6292

Greetings:

Enclosed is your copy of the above numbered permit that has been approved subject to the conditions set forth on the approval page. In accordance with the conditions of approval, the well can only be tested for 10 cumulative days, and the well is to be plugged on or before 02/28/2013, unless a permit to use the water is acquired from this office.

A Well Record & Log (OSE Form wr-20) shall be filed in this office within twenty (20) days after completion of drilling, but no later than 02/28/2013.

Appropriate forms can be downloaded from the OSE website www.ose.state.nm.us or will be mailed upon request.

Sincerely,

Bill Duemling (575)622-6521

Enclosure

explore

APPENDIX C VISUAL SAMPLING PLAN (VSP)

VSP Sample Design Report for Using Stratified Sampling to Estimate the Population Proportion

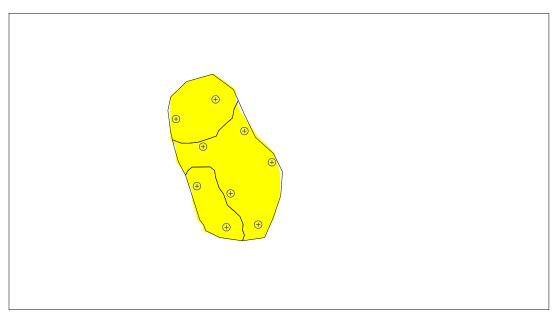
Summary

This report summarizes the stratified sampling design used, associated statistical assumptions, as well as general guidelines for conducting post-sampling data analysis. Sampling plan components presented here include how many sampling locations to choose and where within the sampling area to collect those samples. The type of medium to sample (i.e., soil, groundwater, etc.) and how to analyze the samples (in-situ, fixed laboratory, etc.) are addressed in other sections of the sampling plan. It is important to note that the decision for sample size calculation is determined for the combined strata, rather than any individual strata.

The following table summarizes the proportion stratified sampling design developed. A figure that shows sampling locations in the field and a table that lists sampling location coordinates are also provided below.

SUMMARY	OF SAMPLING DESIGN
Primary Objective of Design	Estimate the population proportion of all strata combined
Criteria for Determining Total Number of Samples	Achieve pre-specified precision of the estimated proportion for specified stratum costs, but no restriction on total costs
Sample Placement (Location) in the Field	Simple random sampling within each stratum
Formula for calculating number of sampling locations	From Gilbert (1987, page 51)
Method for calculating number of sampling locations in each stratum	Optimal Allocation
Calculated total number of samples	5
Stratum 1	2
Total area of all strata	419.90 m ²
Total cost of sampling ^a	

^a Including measurement analyses and fixed overhead costs. See the Cost of Sampling section for an explanation of the costs presented here.



Area: Area 1

X Coord	Y Coord	Label	Value	Type	Historical	Sample Area
-11583597.1222	3819434.2286			Random		
-11583591.7557	3819426.7407			Random		

Area: Area 2						
X Coord	Y Coord	Label	Value	Type	Historical	Sample Area
-11583593.7212	3819450.0337			Random		
-11583600.9426	3819446.4612			Random		

	Area: Area 3						
X Coord	Y Coord	Label	Value	Туре	Historical	Sample Area	
-11583590.9808	3819432.8999			Random			
-11583595.9951	3819441.4186			Random			
-11583585.9664	3819427.2208			Random			
-11583588.4736	3819444.2581			Random			
-11583583.4592	3819438.5790			Random			

Primary Sampling Objective

The primary purpose of sampling at this site is to estimate the proportion for the entire site, i.e., for all strata combined, such that the estimated proportion has the minimum possible standard deviation under the condition that the sampling and measurement costs cannot exceed a specified amount. Preexisting information was used to divide the site into 1 non-overlapping strata that were expected to be more homogeneous internally than for the entire site (all strata combined). The expected variability of values within each stratum was estimated or approximated, and the stratum weights, W_b , were determined so that the total number of samples could be allocated appropriately among the strata.

Number of Total Samples: Calculation Equation and Inputs

The total number of samples is computed to achieve the pre-specified precision of the estimated population proportion for specified stratum costs, but no restriction on total costs. Note that the calculation is for the total number of samples, i.e., for combined strata, rather than individual strata.

The formula used to calculate the total number of samples is:

$$n = \frac{\left(\sum_{h=1}^{L} W_h \sqrt{P_h (1 - P_h)} \sqrt{C_h}\right) \sum_{h=1}^{L} \frac{W_h \sqrt{P_h (1 - P_h)}}{\sqrt{C_h}}}{V + \frac{1}{N} \sum_{h=1}^{L} W_h P_h (1 - P_h)}$$

is the number of strata, h=1,2,...,L,

is the estimated proportion of measurements in stratum *h*,

is the weight associated with stratum h,

is the total number of possible sampling locations (units) in stratum h

is the total number of possible units in all strata combined,

is the pre-specified variance or precision, and

is the cost of collecting and measuring a sample in stratum h.

The values of these inputs that result in the calculated number of sampling locations are:

Parameter	Stratum
	•

	1
P_h	0.2
C _h	
W_h	78.5391

Parameter	Input Value
V	1

Allocation of Samples to Strata

The total number of samples is allocated to the individual strata on an optimal basis using the formula:

$$n_h = n \frac{N_h \sqrt{P_h (1 - P_h)} / \sqrt{c_h}}{\sum_{h=1}^L N_h \sqrt{P_h (1 - P_h)} / \sqrt{c_h}}$$

where

 n_h is the number of samples allocated to stratum h,

L is the number of strata,

 N_h is the total number of units in stratum h,

 $P_h^{''}$ is the proportion in stratum h,

 $c_h^{(i)}$ is the cost per population unit in stratum h.

n is the total number of units sampled in all strata, $n = \sum_{h=1}^{L} n_h$

Using this formula, the number of samples allocated to each stratum is:

Stratum	Number of Samples
1	2
Total Samples	5

Method for Determining Sampling Locations

Five methods for determining sample locations are provided in VSP: 1) simple random sampling, 2) random sampling within grids, 3) systematic sampling with a random start, 4) systematic sampling with a fixed start and 5) adaptive grid sampling. One may use a different method for each stratum, based on the conceptual site model and decision to be made for a given stratum. For this site, sample locations were chosen using simple random sampling in each stratum.

Locating the sample points randomly within each stratum provides sampling locations that can, due to the random selection process, leave some areas of the stratum that are not well represented in the samples collected. This potential problem is not expected to result in inappropriate data for estimating the strata proportions or the entire site proportion if the population values in each stratum do not vary greatly among different portions of the stratum. If major spatial patterns of population values are expected to occur within a stratum, then systematic grid sampling is usually a better choice for that stratum.

Statistical Assumptions

The assumptions associated with the formulas for computing the number of samples are:

- 1. The estimated stratum proportions, P_h , are reasonable and representative of the stratum populations being sampled.
- 2. The sampling locations are selected using simple random sampling.
- 3. The stratum costs, C_h , and the fixed cost C_0 , are accurate.

The first and third assumptions will be assessed in a post data collection analysis. The second assumption is valid because simple random sampling is used.

Cost of Sampling

The total cost of the completed sampling program depends on several cost inputs, some of which are fixed, and others that are based on the number of samples collected and measured. Based on the numbers of samples determined above, the estimated total cost of sampling and analysis at this site is \$5,500.00, which averages out to a per sample cost of \$1,100.00. The following table summarizes the inputs and resulting cost estimates.

COST INFORMATION					
Stratum	Samples	Collection Cost Per Sample	Analytic Cost Per Sample	Total Cost	
1	2				
2	2				
3	5				
Total Samples:	9		Subtotal:		
			Fixed Startup Cost:		
			Grand Total:		

Recommended Data Analysis Activities

Post data collection activities generally follow those outlined in EPA's Guidance for Data Quality Assessment (EPA, 2000). The data analysts will become familiar with the context of the problem and goals for data collection and assessment. The data will be verified and validated before being subjected to statistical or other analyses. Graphical and analytical tools will be used to verify to the extent possible the assumptions of any statistical analyses that are performed as well as to achieve a general understanding of the data. The data will be assessed to determine whether they are adequate in both quality and quantity to support the primary objective of sampling.

Estimates for the proportion of the population values will be calculated using the formulas appropriate for stratified sampling; these formulas are found in EPA QA/G-5S (EPA, 2001). Results of the exploratory and quantitative assessments of the data will be reported, along with conclusions that may be supported by them.

This report was automatically produced* by Visual Sample Plan (VSP) software version 7.12a.

This design was last modified 7/2/2020 9:48:15 AM.

Software and documentation available at http://vsp.pnnl.gov

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^{* -} The report contents may have been modified or reformatted by end-user of software.

APPENDIX D LABORATORY ANALYTICAL REPORTS

Mr. James Blaise Campanella Member/Manager Judah Oil, LLC PO Box 568 Artesia, NM 88211-0568

MAR 0 8 2011

NMOCD ARTESIA

3 March 2011

Mr. Mike Bratcher
OIL CONSERVATION DIVISION
1301 West Grand Ave.
Artesia, NM 88210

Re: Ford State No. 1 Polyline Discharge Corrective Action Plan

U/L C Sec 2 22S 28E 330' FNL 2310' FWL

State Lease No.: E4205 API No.: 30-015-22512 NMOCD 2RP No.: 6-34

Dear Mr. Bratcher:

Judah Oil, LLC (Judah) herewith notifies the New Mexico Oil Conservation Division (NMOCD) that a hydrocarbon and produced water discharge occurred at the Ford State No. 1 which was discovered on 18 February 2011 by the pumper. The point of discharge occurred at a split that developed in the flowline running from the well to the remote tank battery when a geological survey crew drove across it.

Due to the fact that this point of discharge was approximately 640 feet from the Ford State No. 1 location and approximately 852 feet from the remote tank battery hidden in a dense grassy field exhibiting dull, straw-like winter killed vegetation supported within a noticeably undulating terrain, the discharge was not found immediately (photos enclosed). Production data indicates the discharge probably began on 4 February 2011 but remained unknown to the operator because the pumper apparently was not verifying or back checking his daily well production figures or he would have noticed something was wrong. When the monthly production figures reached Judah Oil's company office and the discrepancy was revealed, the pumper was severely reprimanded both for not notifying the office immediately and for repairing the flowline on 22 February 2011 and still not telling the office! However, the well was put back on line at this time.

Subsequently, Judah Oil has taken immediate proactive steps to remove the contaminated soils to an authorized disposal facility as soon as possible. Samples will be taken and following that, the NMOCD shall be notified of the soil chloride levels such that discernment may be employed in

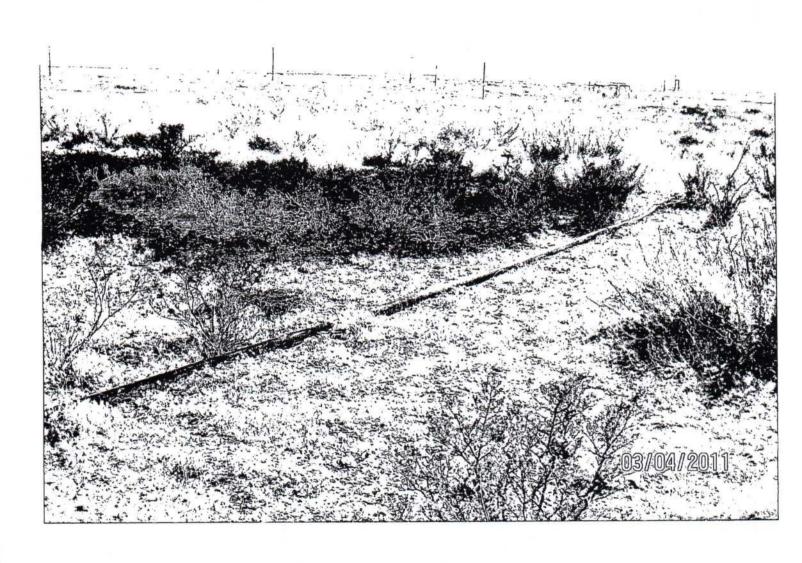
implementing the Corrective Action Plan as quickly as possible. Following excavation, confirmation samples will be taken to verify compliance with NMOCD standards. Should you have questions, please call (575-748-5488).

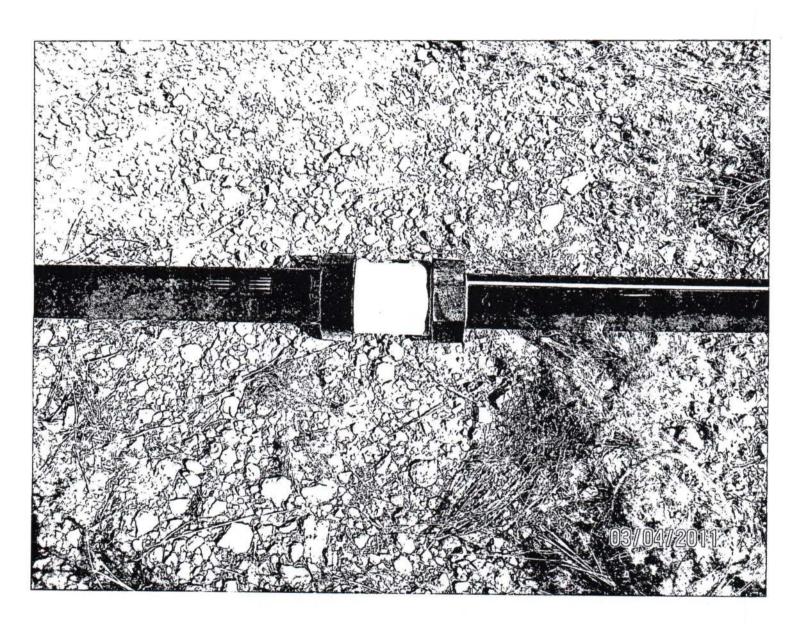
Sincerely

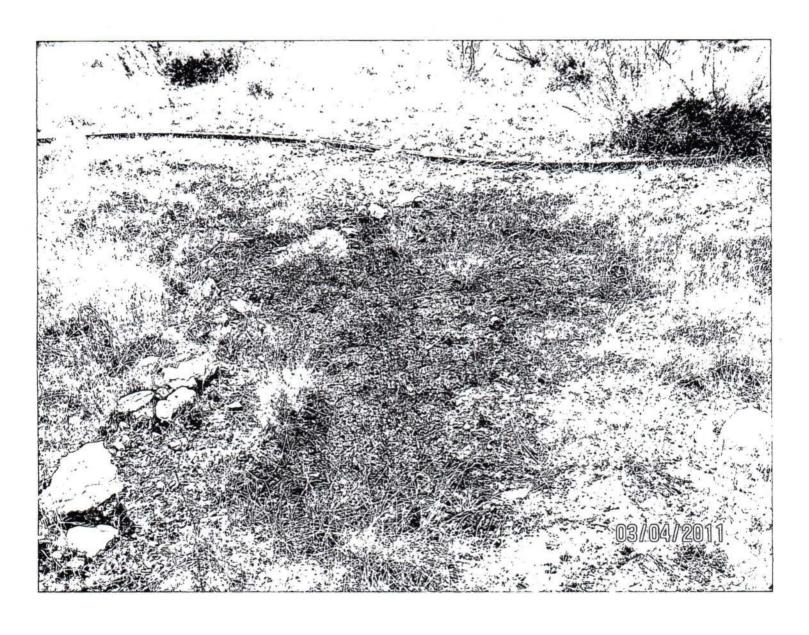
James Blaise Campanella

Member/Manager

Enclosures: Photos, Initial C-141







Appendix G Invoices

Sundance Services, Inc.

P.O. Box 1737 Eunice, NM 88231



DATE	INVOICE #
3/31/2011	58418

. 1-1
0-15/16/11
100 68
1000 11 110000
DV # 10
00

PROJECT	TERMS
FORD STAT	

	1 312 311		
QUANTITY	DESCRIPTION	RATE	AMOUNT
346	Contaminated Soils - Exempt	1	8.00 6,228.00
	FORD STATE # 1 Sales Tax	6.81	25% 424.28
			ncoming mail
Phone #	E-mail		
575-394-2511	acarrillo@sundanceservices.com	Total	\$6,652.28



TICKET No. 164758

LEASE OPERATOR/SHIPPER/COMPANY: Judah Oil
LEASE NAME: Ford State #1
TRANSPORTER COMPANY: Munson Const. TIME 3:17 AM/PM
DATE: 3/29/2011 VEHICLE NO: OI GENERATOR COMPANY MAN'S NAME: Blaze Campan'I
CHARGE TO: RIG NAME AND NUMBER
TYPE OF MATERIAL
[] Production Water [] Drilling Fluids [] Rinsate
[] Tank Bottoms
[] Solids [] BS&W Content: [] Call Out
Description: Old
RRC or API # C-133#
VOLUME OF MATERIAL [] BBLS: YARD_22: []
AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY. ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET. TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S FACILITY FOR DISPOSAL. **THIS WILL CERTIFY** that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.

White - Sundance

(SIGNATURE)

Canary - Sundance Acct #1

Pink - Transporter

Re-order from: TOTALLY SHARP ADVERTISING • 432-586-5401 • www.PromoSupermarket.com

FACILITY REPRESENTATIVE:

DRIVER:



P.O. Box 1737 Eunice, New Mexico 88231 (575) 394-2511 TICKET No. 164719

(575) 557-2511
LEASE OPERATOR/SHIPPER/COMPANY: Tudah Oil
LEASE NAME: Ford State #1
TRANSPORTER COMPANY: Munson Const. TIME //:23AM/PM
DATE: 3/29/7011 VEHICLE NO: OI GENERATOR COMPANY MAN'S NAME: Bloze Campanilla
CHARGE TO: Tudah Oil RIG NAME AND NUMBER
TYPE OF MATERIAL [] Production Water [] Drilling Fluids [] Rinsate [] Jet Out [] Solids [] BS&W Content: [] Call Out
RRC or API # C-133#
VOLUME OF MATERIAL []BBLS: []: []:

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET. TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S FACILITY FOR DISPOSAL.

THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.

DRIVER: Mohatt Muhero

FACILITY REPRESENTATIVE: (onnie Komero

(SIGNATURE)

White - Sundance

Canary - Sundance Acct #1

Pink - Transporter



P.O. Box 1737 Eunice, New Mexico 88231

TICKET No. 164620

(575) 394-2511
LEASE OPERATOR/SHIPPER/COMPANY: Judah Orl
LEASE NAME: Ford State #1
TRANSPORTER COMPANY: MUNSON CONST
DATE: 3/28/2011 VEHICLE NO: OI GENERATOR COMPANY MAN'S NAME: 8/27/2012 Campain
CHARGE TO: Tudah OII RIG NAME AND NUMBER
TYPE OF MATERIAL
[] Production Water [] Drilling Fluids [] Rinsate
[] Tank Bottoms
[] Solids [] BS&W Content: [] Call Out
Description: Old
RRC or API # C-133#
1/2 vapp 22 : []
VOLUME OF MATERIAL [] BBLS: V] YARD
AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.
ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIAL DELIVERED BY TICKET, TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY

OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, IN FACILITY FOR DISPOSAL.

THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.

DRIVER: (SIGNATURE)

FACILITY REPRESENTATIVE:

(SIGNATURE)

White - Sundance

Canary - Sundance Acct #1

Pink - Transporter



SUNDANCE SERVICES, Inc. P.O. Box 1737 Eunice, New Mexico 88231 (575) 394-2511

TICKET No. 164584

LEASE OPERATOR/SHIPPER/COMPANY: Tudah Oil
LEASE NAME: Ford State #1
TRANSPORTER COMPANY: MUDSOC COST
DATE: 3/28/2011 VEHICLE NO: OI GENERATOR COMPANY Blaze Campone
CHARGE TO: Judah Oil RIG NAME AND NUMBER
TYPE OF MATERIAL
[] Production Water [] Drilling Fluids [] Rinsate
[] Tank Bottoms
[] Solids [] BS&W Content: [] Call Out
Description:
RRC or API # C-133#
VOLUME OF MATERIAL []BBLS: YARD_22_: []
AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY. ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET. TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident. DRIVER: (SIGNATURE) White - Sundance Canary - Sundance Acct #1 Pink - Transporter
Re-order from: TOTALLY SHARP ADVERTISING • 432-586-5401 • www.PromoSupermarket.com
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TICKET No. 163637

(575) 394-2511	
LEASE OPERATOR/SHIPPER/COMPANY: Judah Oil	
LEASE NAME: Ford State #1	
TRANSPORTER COMPANY: Munson Const.	TIME 3:07 AMPM
DATE: 3 7 VEHICLE NO: GENERATOR COMPANY MAN'S NAME:	Blaze Campane
CHARGE TO: Judah Oil RIGNAME AND NUMBER	
TYPE OF MATERIAL	
[] Production Water [] Drilling Fluids [] Rir	nsate
[] Tank Bottoms [] Contaminated Soil [] Jet	t Out
[] Solids [] BS&W Content: [] Ca	II Out
Description:	144
RRC or API # C-133	#
VOLUME OF MATERIAL [] BBLS: YARD:	[]
AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS S TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL GEOTHERMAL ENERGY. ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS TICKET. TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATE OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUND FACILITY FOR DISPOSAL.	SHIPPED HEREWITH IS S AMENDED FROM TIME REGULATIONS RELATED ERS, AND OTHER WASTE OR NATURAL GAS OR SHIPPED WITH THIS JOB ERIAL DELIVERED BY DANCE SERVICES, INC.'S
THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transbove described location, and that it was tendered by the above described shipper. This will a materials were added to this load, and that the material was delivered without incident. DRIVER: [SIGNATURE] White - Sundance Canary - Sundance Acct #1 Pink - Transporter Pi	ransporter
White - Sundance Canary - Sundance Acct #1 PINK - IT	
Ne vide none to the father and the same and	



P.O. Box 1737 Eunice, New Mexico 88231 (575) 394-2511 TICKET No. 163705

(3/3) 394-23		
LEASE OPERATOR/SHIPPER/COMPANY:	udah Dil	
LEASE NAME: FORAL State	#/	
TRANSPORTER COMPANY: Mins	on Const.	TIME 10:4/AM/PM
DATE: 3 18 11 VEHICLE NO:	O/ GENE	MAN'S NAME: Bloze Companell
CHARGETO: Judah		RIG NAME ND NUMBER
	TYPE OF MATERIAL	
[] Production Water	[] Drilling Fluids	[] Rinsate
[] Tank Bottoms	M Contaminated Soil	[] Jet Out
[] Solids	[] BS&W Content:	[] Call Out
Description:	5	
RRC or API #		C-133#
VOLUME OF MATERIAL [] BBLS	:)\(\)\(\)\(\)\(\)\(\)\(\)\(\)\(\)	11
	and the same of the same and th	and the second second second second second second

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET. TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S FACILITY FOR DISPOSAL.

THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.

DRIVER:

(SIGNATURE)

FACILITY REPRESENTATIVE:

(SIGNATURE)

(SIGNATURE)

 Pink - Transporter



TICKET No. 163749

Pink - Transporter

1995		
LEASE OPERATOR/SHIPPER/COMPANY:	udah Oil	
LEASE NAME: Ford State +	#/	
TRANSPORTER COMPANY: Munson	Const.	TIME 2:16 AM/PM
DATE: 3/18/11 VEHICLE NO: 0/	GENERATOR CO	OMPANY Blaze Campane
CHARGETO: Judah Oil	RIG NAME AND NUMB	BER
TY	PE OF MATERIAL	
[] Production Water	[] Drilling Fluids	[] Rinsate
[] Tank Bottoms	[] Contaminated Soil	[] Jet Out
[] Solids	[] BS&W Content:	[] Call Out
Description:		-
RRC or API #		C-133#
VOLUME OF MATERIAL [] BBLS	: X YARD 20	: []
AS A CONDITION TO SUNDANCE SERVICES, TICKET, OPERATOR/SHIPPER REPRESENTS AND MATERIAL EXEMPT FROM THE RESOURCE, CONS TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEAL THERETO, BY VIRTUE OF THE EXEMPTION AFFOR ASSOCIATED WITH THE EXPLORATION, DEVELOR GEOTHERMAL ENERGY. ALSO AS A CONDITION TO SUNDANCE SERVICE TICKET. TRANSPORTER REPRESENTS AND OPERATOR/SHIPPER TO TRANSPORTER IS NOW FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the above Transported above described location, and that it was tendent materials were added to this load, and that the materials were added to this load, and that the materials were added to this load, and that the materials were added to this load, and that the materials were added to this load, and that the materials were added to this load, and that the materials were added to this load, and that the materials were added to this load, and that the materials were added to this load, and that the materials were added to this load, and that the materials were added to this load, and that the materials were added to this load, and that the materials were added to this load, and that the materials were added to this load.	D WARRANTS THAT THE WASTE M SERVATION AND RECOVERY ACT OF LTH AND SAF. CODE § 361.001 et se DRDED DRILLING FLUIDS, PRODUC DPMENT OR PRODUCTION OF CR SES, INC.'S ACCEPTANCE OF THE MA WARRANTS THAT ONLY THE W DELIVERED BY TRANSPORTER TO The loaded the material represented by the above described shipper.	ATERIAL SHIPPED HEREWITH IS F 1976, AS AMENDED FROM TIME eq., AND REGULATIONS RELATED EED WATERS, AND OTHER WASTE RUDE OIL OR NATURAL GAS OR ATERIALS SHIPPED WITH THIS JOB E MATERIAL DELIVERED BY TO SUNDANCE SERVICES, INC.'S This Transporter Statement at the This will certify that no additional

Canary - Sundance Acct #1 Re-order from: TOTALLY SHARP ADVERTISING • 432-586-5401 • www.PromoSupermarket.com

White - Sundance

(SIGNATURE)

FACILITY REPRESENTATIVE:

DRIVER:



P.O. Box 1737 Eunice, New Mexico 88231 (575) 394-2511 TICKET No. 163907

A PRODUCTION OF THE PRODUCTION
LEASE OPERATOR/SHIPPER/COMPANY: Judah Oil
LEASE NAME: Ford State #1
TRANSPORTER COMPANY: Munson Const. TIME //:/4 AM/PM
DATE: 3/2/11 VEHICLE NO: 0/ GENERATOR COMPANY Blaze Campano
CHARGETO: Judah Oil RIG NAME AND NUMBER
TYPE OF MATERIAL
[] Production Water [] Drilling Fluids [] Rinsate
[] Tank Bottoms Contaminated Soil [] Jet Out
[] Solids [] BS&W Content: [] Call Out
Description:
RRC or API # C-133#
VOLUME OF MATERIAL []BBLS: YARD_22_: []

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET. TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S FACILITY FOR DISPOSAL.

THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.

DRIVER:

(SIGNATURE)

FACILITY REPRESENTATIVE:

(SIGNATURE

White - Sundance

Canary - Sundance Acct #1

Pink - Transporter



P.O. Box 1737 Eunice, New Mexico 88231 (575) 394-2511 TICKET No. 163948

Pink - Transporter

LEASE OPERATOR/SHIPPER/COMPANY: LEASE NAME: State # TRANSPORTER COMPANY: DATE: 3 VEHICLE NO: GENERATOR COMPANY: MAN'S NAME: Blaze Campane CHARGE TO: RIG NAME AND NUMBER TYPE OF MATERIAL [] Production Water [] Drilling Fluids [] Rinsate [] Tank Bottoms [] RS&W Content: [] Call Out	11/2/2012/12/1
TRANSPORTER COMPANY: DATE: 3 VEHICLE NO: GENERATOR COMPANY MAN'S NAME: 3 O Z O Z O Z O Z O Z O Z O Z O Z O Z O	LEASE OPERATOR/SHIPPER/COMPANY: Judah Dil
CHARGE TO: TYPE OF MATERIAL [] Production Water	LEASE NAME: Ford State # /
ANSPORTER COMPANY: TE: 3 VEHICLE NO: TYPE OF MATERIAL [] Production Water	
TYPE OF MATERIAL [] Production Water [] Drilling Fluids [] Rinsate [] Tank Bottoms [] Contaminated Soil [] Jet Out	DATE: 3/21/11 VEHICLE NO: 0/ GENERATOR COMPANY Blaze Campane
[] Production Water [] Drilling Fluids [] Rinsate [] Tank Bottoms [] Contaminated Soil [] Jet Out	
[] Tank Bottoms	TYPE OF MATERIAL
[] Solids [] RS&W Content: [] Call Out	[] Tank Bottoms
1 7 backy content.	[] Solids [] BS&W Content: [] Call Out
Description:	Description:
TYPE OF MATERIAL [] Production Water [] Drilling Fluids [] Rinsate [] Tank Bottoms [] Sew Content: [] Call Out [] Solids [] BS&W Content: [] Call Out Description: AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME OT IME, 40 U.S.C. \$ 6901, et seq., THE NM HEALTH AND SAF. CODE \$ 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE MASTERIAL EXEMPT HE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE MASTERIAL EXEMPT HE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE MASTERIAL EXEMPT HE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE MASTERIAL EXEMPT HE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE MASTERIAL EXEMPT HE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE MASTERIAL EXEMPTION FRELATED HEREFORD WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR SECOTHERMAL ENERGY. ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIAL DELIVERED BY DEPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S ACCILITY FOR DISPOSAL. THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described shipper. This will certify that no additional	
VOLUME OF MATERIAL []BBLS: YARD_22 : []	VOLUME OF MATERIAL []BBLS: YARD_22 : []
TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY. ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET. TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY	TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY. ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET. TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional

undance Canary - Sundance Acct #1 Pink - Tr

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White - Sundance

(SIGNATURE)

FACILITY REPRESENTATIVE:

DRIVER:



TICKET No. 164041

' ' (5/5) 394-2511
LEASE OPERATOR/SHIPPER/COMPANY: Judah Oil Co.
LEASE NAME: Ford State #1
TRANSPORTER COMPANY: MINSON CONST. TIME ID: SX AM/PM
DATE: 3/22/2011 VEHICLE NO: O) GENERATOR COMPANY Blaze Camponel
TRANSPORTER COMPANY: DATE: 2 / 2 / 2 / 2 / 2 / 2 / 2 / 2 / 2 / 2
TYPE OF MATERIAL
[] Production Water [] Drilling Fluids [] Rinsate
[] Tank Bottoms [] Contaminated Soil [] Jet Out
[] Solids [] BS&W Content: [] Call Out
Description:
RRC or API # C-133#
VOLUME OF MATERIAL [] BBLS: YARD_22_: []
TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY. ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET. TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident. DRIVER:
FACILITY REPRESENTATIVE: Comica Komeros (SIGNATURE)
White - Sundance Canary - Sundance Acct #1 Pink - Transporter



TICKET No. 164198

Pink - Transporter

LEASE OPERATOR/SHIPPER/COMPANY: Judah Oil
LEASE NAME: Ford State #1
TRANSPORTER COMPANY: Mun Son Const. TIME 11:09 AM/PM
DATE: 3/23/2011 VEHICLE NO: 01 GENERATOR COMPANY Blaze Campanal
TRANSPORTER COMPANY: Munson Const TIME 1:09 AM/PM DATE: 3/23/201 VEHICLE NO: GENERATOR COMPANY MAN'S NAME: Bloze Company
TYPE OF MATERIAL
[] Production Water [] Drilling Fluids [] Rinsate
[] Tank Bottoms
[] Solids [] BS&W Content: [] Call Out
Description:
RRC or API # C-133#
TRANSPORTER COMPANY: VEHICLE NO: GENERATOR COMPANY NAM'S NAME RIG MAME AND NUMBER TYPE OF MATERIAL [] Production Water
TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY. ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET. TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S FACILITY FOR DISPOSAL.
above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.

Canary - Sundance Acct #1 Re-order from: TOTALLY SHARP ADVERTISING • 432-586-5401 • www.PromoSupermarket.com

White - Sundance

FACILITY REPRESENTATIVE:



SUNDANCE SERVICES, Inc. P.O. Box 1737 Eunice, New Mexico 88231 (575) 394-2511

TICKET No. 164254

11 (5/5/554 2511				
LEASE OPERATOR/SHIPPER/COMPANY: Jud	th Oil	1		
LEASE NAME: Ford State #	1		= = = = = = = = = = = = = = = = = = = =	
TRANSPORTER COMPANY: Munson Co	onst.		TIME 2:54	AM/PN
DATE: 3/23/2011 VEHICLE NO: 01	GE	NERATOR COMPANY MAN'S NAME:	Store Cam	pano
CHARGETO: Judah Oil		RIG NAME AND NUMBER		
TYPE C	F MATERIAL		No.	Web Ja
[] Production Water []	Drilling Fluids	[] Ri	insate	
[] Tank Bottoms	Contaminated Soil	[] Je	et Out	
[] Solids	BS&W Content:	[] C	all Out	
Description:				
RRC or API #		C-133	3#	
VOLUME OF MATERIAL [] BBLS:	YARD_	22 :	[]	
AS A CONDITION TO SUNDANCE SERVICES, INC.' TICKET, OPERATOR/SHIPPER REPRESENTS AND WAR MATERIAL EXEMPT FROM THE RESOURCE, CONSERVA TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH A THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED ASSOCIATED WITH THE EXPLORATION, DEVELOPME GEOTHERMAL ENERGY. ALSO AS A CONDITION TO SUNDANCE SERVICES, IN TICKET. TRANSPORTER REPRESENTS AND WA OPERATOR/SHIPPER TO TRANSPORTER IS NOW DE FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the above Transporter load above described location, and that it was tendered by materials were added to this load, and that the material DRIVER: (SIGNATURE) White - Sundance Canary -	RRANTS THAT THE VITION AND RECOVER ND SAF, CODE § 361 DORILLING FLUIDS, NT OR PRODUCTION OF PRODUCTION OF PRANTS THAT OF	VASTE MATERIAL AY ACT OF 1976, A .001 et seq., AND PRODUCED WAT ON OF CRUDE OF FTHE MATERIALS NLY THE MAT PORTER TO SUN Assented by this Tra Is shipper. This will out incident.	SHIPPED HEREWI AS AMENDED FROM PREGULATIONS REL ERS, AND OTHER WILL OR NATURAL GA SHIPPED WITH THI ERIAL DELIVERED DANCE SERVICES,	ITH IS ITIME LATED WASTE AS OR IS JOB D BY INC:S
Re-order from: TOTALLY SHARP ADVERT		PromoSupermarket.com	1	
		The state of the s		



(575) 394-2511

TICKET No. 164330

LEASE OPERATOR/SHIPPER/COMPANY:	udah dil	
LEASE NAME: Ford State	TIME D. J. J. AM/PM VEHICLE NO: SERENTATOR COMPANY: WEHICLE NO: SERENTATOR COMPANY: MAN'S NAME: SERIONAME AND NUMBER TYPE OF MATERIAL [] Production Water [] Drilling Fluids [] Rinsate [] Tank Bottoms [] Solids [] BS&W Content: [] Call Out Escription: # C-133# OF MATERIAL [] BBLS. YARD ZZ [] [] TOPE OF MATERIAL [] Production Water [] Drilling Fluids [] Jet Out [] Call Out Escription: # C-133# OF MATERIAL [] BBLS. [] YARD ZZ [] ST, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS SHIPLED HEREWITH IS SHIPPED WITH THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE CLIATED WITH THE EXEMPTION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR HERMAL ENERGY. O AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB SET, TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY ATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S	
TRANSPORTER COMPANY:	on Const.	TIME 10:43 AM/PM
DATE: 3/24/11 VEHICLE NO:	O/ GENERA	
CHARGETO: Judah Die		
	TYPE OF MATERIAL	The second second second
[] Production Water	[] Drilling Fluids	[] Rinsate
[] Tank Bottoms	Contaminated Soil	[] Jet Out
[] Solids	[] BS&W Content:	[] Call Out
Description:	D	
RRC or API #	VEHICLE NO: Senerator Company Man's Name Man's Nam	
TRANSPORTER COMPANY: TIME D. J. AMPM		
	War in the same of	
TICKET, OPERATOR/SHIPPER REPRESENTS MATERIAL EXEMPT FROM THE RESOURCE, O TO TIME, 40 U.S.C. § 6901, et seq., THE NM THERETO, BY VIRTUE OF THE EXEMPTION A ASSOCIATED WITH THE EXPLORATION, DE	AND WARRANTS THAT THE WAS CONSERVATION AND RECOVERY A HEALTH AND SAF. CODE § 361.00 AFFORDED DRILLING FLUIDS, PRO	CT OF 1976, AS AMENDED FROM TIME 1 et seq., AND REGULATIONS RELATED DDUCED WATERS, AND OTHER WASTE
TICKET. TRANSPORTER REPRESENTS OPERATOR/SHIPPER TO TRANSPORTER IS	AND WARRANTS THAT ONLY	THE MATERIAL DELIVERED BY
	endered by the above described ship	pper. This will certify that no additional

White - Sundance

(SIGNATURE)

FACILITY REPRESENTATIVE:

DRIVER:

Canary - Sundance Acct #1

Pink - Transporter



TICKET No. 164372

(575) 394-2511
LEASE OPERATOR/SHIPPER/COMPANY: Judah Oil
LEASE NAME: Ford State #1
TRANSPORTER COMPANY: Munson Const. TIME 2:14 AMPA
DATE: 3/24/11 VEHICLE NO: O/ GENERATOR COMPANY B. Campanel
ANSPORTER COMPANY: TIME // AM/PM ATE: // VEHICLE NO: GENERATOR COMPANY MAN'S NAME: HARGE TO: TYPE OF MATERIAL [] Production Water [] Drilling Fluids [] Rinsate [] Tank Bottoms
TYPE OF MATERIAL
[] Production Water [] Drilling Fluids [] Rinsate
[] Tank Bottoms
[] Solids [] BS&W Content: [] Call Out
Description:
RRC or API # C-133#
VOLUME OF MATERIAL [] BBLS:
TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY. ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET. TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional



TICKET No. 164425

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB MATERIAL EXEMPT FROM THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND DETERMANT HE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY. ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY. ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIAL SHIPPED WITH THIS JOB THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY. ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET. TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIAL SHIPPED WITH THIS JOB TICKET. TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIAL DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIAL SHIPPE
LEASE OPERATOR/SHIPPER/COMPANY: Judah Oil
LEASE NAME: ford State. #1
TRANSPORTER COMPANY: Munson Const. TIME 10:27 AM)PM
LEASE OPERATOR/SHIPPER/COMPANY: LEASE NAME: TIME 0.27 (M) DATE: 3/25/201 VEHICLE NO: CENERATOR COMPANY: TYPE OF MATERIAL [] Production Water
TYPE OF MATERIAL
[] Production Water [] Drilling Fluids [] Rinsate
[] Tank Bottoms Contaminated Soil [] Jet Out
[] Solids [] BS&W Content: [] Call Out
Description:
RRC or API # C-133#
VOLUME OF MATERIAL []BBLS: X] YARD 22 []
TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF, CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY. ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET. TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident. DRIVER: [SURNATURE] FACILITY REPRESENTATIVE:



TICKET No. 164447

LEASE OPERATOR/SHIPPER/COMPANY: LEASE NAME: TRANSPORTER COMPANY: DATE: 3/2/2011 VEHICLE NO: CINCARGE TO: TYPE OF MATERIAL [] Production Water [] Drilling Fluids [] Rinsate [] Tank Bottoms [] Solids [] BS&W Content: [] Call Out Description: RRC or API # C-133# VOLUME OF MATERIAL [] BBLS. AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIAL SHIPPED WITH THIS JOB TICKET, OPERATOR, SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, SA MENDED FROM TIME TO THE, 40 U.S.C. \$ 6901, et seq., THE NM HEALTH AND SAF. CODE \$ 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY. ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET. TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL GAS OR GEOTHERMAL ENERGY. ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET. TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.	
TRANSPORTER COMPANY: VEHICLE NO: SERVICES AMPAN RIGNAME R	LEASE OPERATOR/SHIPPER/COMPANY: Judah Oil
CHARGETO: TYPE OF MATERIAL [] Production Water [] Drilling Fluids [] Rinsate [] Tank Bottoms [] Solids [] Jet Out [] Solids [] BS&W Content: [] Call Out Description: AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIAL SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. \$ 6901, et seq., THE NM HEALTH AND SAF. CODE \$ 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION A PFORDED DICLIING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY. ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET. TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIALS SHIPPED WITH THIS JOB TICKET. TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIALS SHIPPED WITH THIS JOB TICKET. TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional	LEASE NAME: Ford State #1
TYPE OF MATERIAL [] Production Water [] Drilling Fluids [] Rinsate [] Tank Bottoms [] Solids [] Jet Out [] Solids [] BS&W Content: [] Call Out Description: RRC or API # C-133# VOLUME OF MATERIAL [] BBLS. : YARD : [] : [: [TRANSPORTER COMPANY: Munson Const. TIME 1:56 AM/PM
TYPE OF MATERIAL [] Production Water	
[] Production Water [] Drilling Fluids [] Rinsate [] Tank Bottoms [] Solids [] BS&W Contaminated Soil [] Jet Out [] Solids [] BS&W Content: [] Call Out Description: RRC or API # C-133#	
[] Tank Bottoms	TYPE OF MATERIAL
Description: RRC or API # C-133# VOLUME OF MATERIAL [] BBLS. : YARD : [] AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY. ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET. TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional	[] Production Water [] Drilling Fluids [] Rinsate
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RRANSPORTER COMPANY: WEHICLE NO: WEHICLE N	
that West luckers	TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY. ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET. TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.

White - Sundance

(SIGNATURE)

Canary - Sundance Acct #1

Pink - Transporter

Re-order from: TOTALLY SHARP ADVERTISING • 432-586-5401 • www.PromoSupermarket.com

FACILITY REPRESENTATIVE:

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:

BLAISE CAMPANELLA JUDAH OIL, LLC P. O. BOX 568

ARTESIA, NM 88211

INVOICE # 28565

Date:

8/6/2020

AFE Number:

Charge to:

Ford State #1

Date(s) of Service: 07/27/20 - 07/28/20

Manifest #:

See Attached List

Ship Via:

Rockstar Packing LLC

Qty	U/M	Description	Unit Price	Total
201.65	Tons	Non-regulated & non-hazardous waste (soil)	\$20.00	\$4,033.00
		•		
		-		
		Landfill located at Carlsbad, NM		
			Subtotal	\$4,033.00
				F F000

TERMS: NET 30

Sales tax rate Sales tax

5.500% \$221.82

Total

\$4,254.82

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!

Judah Oil Weights Statement

	Manifest			
Receive Date	Number	Lease Name	Weight (lbs.)	Weight (Tons)
7/27/2020	137965	Ford State #1	161,880	80.94
7/27/2020	137966	Ford State #1	162,160	81.08
7/28/2020	137989	Ford State #1	40,420	20.21
7/28/2020	137990	Ford State #1	38,840	19.42
		TOTALS:	403,300	201.65
			lbs.	Tons

Lea Land Landfill New Mexico

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

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

NON	-HAZARDOUS WASTE MANIFE		CITY, OK 73106 • PI	1	GEOF_		LER NO. H	159D
NON		ADDRESS	131300		5. P	ICK-UP DATE		00
G	Judah Oil LLC	P.O. Box 568	STATE	260		7/27/2020 NRCC I.D. NO).	
E	(575) 748-5488 7. NAME OR DESCRIPTION OF WASTE SHIPPED	Artesia	NM	8. CON No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID
N	a. Non-Regulated, Non Hazardous Waste	Associated and an extension		1	CM	Qorania		
E	· 33,440 284	Leo	10000 1000		ge zakuda	e i salestant		
R	WT: 34620 3 12-COMMENTS OR SPECIAL INSTRUCTIONS:	1,840	33480	V XI)	13. WASTE	PROFILE N	O.
T	NAME JOE ONTIVEROS 15 GENERATOR'S CERTIFICATION: 1	PHONE NO 575-887-4048 Hereby declare that	the contents of this co	onsignme	nt are fully	and accurately	R EMERGE	above by prop
R	shipping name and are classified, packed, marked, and international and national government regulations, inc PRINTED/TYPED NAME CO. MAN: JAMES CAMPANELLA	cluding applicable sta	SIGNATURE	the sam	e materials	previously upp		DATE
T R A N S P O R T E R	16. TRANSPORTER (1) NAME: ROCKSTAR PACKING TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: ALA	N JOHNSON 703-0333 of receipt of material	PRINTED/TYPE	ERGENO HONE: DRTER	CY CONTA	S MALE	of receipt of	material
S	SIGNATURE CAL GS	DATE	SIGNATURE			PHON	DATE	
D	Lea Land, LLC		le Marker 64, U Miles East of C			180,		887-4048
	PERMIT NO. WM-01-035 - New Me		20. COMMENTS	17550		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	CA 12 100	
S						1.1' 1.	to this facili	ty that the
S P O S	21.DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such	CATION: I Hereb wastes.	y certify that the above	e describ	ed wastes v	were delivered	to this facin	ty, that the

GENERATOR: COPIES 1 & 6
Released to Imaging: 10/1/2025 10:43:35 AM

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5

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

LEA LAND, LLC

N-HA	AZARDOUS WASTE MA	NIFEST	NO	137966	1. PA	GE_OF	2. TRAII	LER NO.3	SOFE
Juda	OMPANY NAME ah Oil LLC DNE NO.	4. ADDRE P.O. Bo		THE STATE OF THE S	d ew chams	towaci dana	PICK-UP DATE 7/27/2020 FNRCC I.D. NO		The same in a
	5) 748-5488 AME OR DESCRIPTION OF WASTE S	Artesia HIPPED:		NM	882 8. CON No.	TAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXA WASTE II
a. Non	-Regulated, Non Hazardous V	Vaste		e contra seconda d	1	СМ	- (
b. c.	30,460 30	0,080	,		NESC TON		rynogueth		
The second	COMMENTS OR SPECIAL INSTRUCT	5,940		32920			13. WASTE	PROFILE N	O.
	ATE#1	N CASE OF 1	EME	RGENCY OR SPIL	LL CO	() NTACT		J. L. P.	
	ME E ONTIVEROS	PHONE 575-88	NO 7-404	8				R EMERGE	ng dia
15.C ship inter	GENERATOR'S CERTIFICAT pping name and are classified, packed, mar rnational and national government regulated.	ION: I Hereby d ked, and labeled, a ions, including ap	leclare t and are plicable	hat the contents of this on all respects in proper of state regulations, and an	consignme condition to re the sam	ent are fully for transport e materials	y and accurately t by highway ac previously app	described according to a roved by LI	above by pr applicable EA LAND,
1250000000	NTED/TYPED NAME). MAN: JAMES CAMPANELL	A	100	SIGNATURE					DATE
TE	TRANSPORTER AME: ROCKSTAR PAC EXAS I.D. NO. I CASE OF EMERGENCY CONTACT:		NSON	17. NAME: TEXAS I.D. NO. IN CASE OF EM			ORTER (2) ACT:		
EN 18.	MERGENCY PHONE: TRANSPORTER (1): Acknowled RINTED/TYPED NAME List GNATURE Ling GNATURE		of mate	EMERGENCY I rial 19. TRANSPO PRINTED/TYP 27/2020 SIGNATURE	ORTER ED NAM		nowledgment o	f receipt of	material
F	Lea Land, LLC			Mile Marker 64,	U.S. H				387-4048
A PE	WM-01-035 - Nev		ASIL O	20. COMMENTS				o this facilit	y that the
I 21 fac Y AU	DISPOSAL FACILITY'S CERcility is authorized and permitted to recei	TIFICATION ve such wastes.	N: I He	CELL NO	ve describ		ATE 7/27/2020		TIME .

	LEA LAN 1300 WEST MAIN STREET • OKLAHOMA		HONE (4	105) 236-42	57 F	LT	-
ON-	HAZARDOUS WASTE MANIFEST NO	137989	1. PAG	GEOF_	_ 2. TRAIL	ER NO.	NO#
G	. COMPANY NAME 4. ADDRESS Udah Oil LLC HONE NO. 4. ADDRESS P.O. Box 568 CITY	STATE		7	CK-UP DATE 7/28/2020 NRCC I.D. NO	1.75	
	575) 748-5488 Artesia . NAME OR DESCRIPTION OF WASTE SHIPPED:	NM	8. CON No.	TAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID
ı a	Ion-Regulated, Non Hazardous Waste	graph September Lagran	1	СМ			
E c				d and to			
	2. COMMENTS OR SPECIAL INSTRUCTIONS:	part all	.01		13. WASTE F	PROFILE N	O.
	12. COMMENTS OR SPECIAL INSTRUCTIONS: FORD STATE # 1						
Г	4. IN CASE OF EMERGY NAME PHONE NO 575-887-4048 15.GENERATOR'S CERTIFICATION: I Hereby declare that the shipping name and are classified, packed, marked, and labeled, and are in all international and national government regulations, including applicable states.	the contents of this co	onsignme	nt are fully	and accurately	described a cording to a roved by LE	above by pro
P	PRINTED/TYPED NAME CO. MAN: JAMES CAMPANELLA	SIGNATURE					DATE
T R A N S P	16. TRANSPORTER (1) NAME: ROCKSTAR PACKING LLC TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: ALAN JOHNSON EMERGENCY PHONE: (575) 703-0333	17. NAME: TEXAS I.D. NO. IN CASE OF EM EMERGENCY P	ERGENO		ORTER (2)		
R T E R	18. TRANSPORTER (1): Acknowledgment of receipt of material	19. TRANSPO	RTER		owledgment of		material
S		e Marker 64, U	J.S. Hv		80, PHONE		87-4048
D F I A S C P I WM-01-035 - New Mexico C P I A S I Facility is authorized and permitted to receive such wastes. 30 Miles East of Carlsbad, NM 20. COMMENTS 21.DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this in facility is authorized and permitted to receive such wastes.							
				this facilit	y, that the		

GENERATOR: COPIES 1 & 6

Released to Imaging: 10/1/2025 10:43:35 AM

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5

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

	1300 WEST MAIN S			AND, LLC MA CITY, OK 73106 • 1	PHONE (405) 236-4	1257 M	onte	5	
NON	N-HAZARDOUS WASTE MANIE	FEST	NO	137990	1. PA	GE_OF	2. TRAII	LER NO.	03	
	3. COMPANY NAME	4. ADD	DRESS			5.1	PICK-UP DATE			
G	Judah Oil LLC		Box 568	STATE			7/28/2020 TNRCC I.D. NO)		
F	PHONE NO. CITY STATE (575) 748-5488 Artesia NM				882		ce i.b. ive	1 1 1 W		
E	(575) 748-5488 7. NAME OR DESCRIPTION OF WASTE SHIPPI			INM		TAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #	
N	a. Non-Regulated, Non Hazardous Wast	e			1	CM	X-1-11-11	100	1	
	b.			Water State of the		O.V.	- Chicago and	Name of	A STATE OF STREET	
E	c.		1 10 1	1		OF THE OWNER.			Total Control	
	d 20 0 10	v da								
R	₩т:38,840					-	13. WASTE P	PROFILE N	0	
A	12. COMMENTS OR SPECIAL INSTRUCTIONS: FORD STATE # 1						is. WASIET	NOTICE IV	× .	
A						II. CONTACT				
T	NAME PHONE NO 24-HOUR EMERGENO					NCY NO.				
0	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						pplicable			
R	PRINTED/TYPED NAME CO. MAN: JAMES CAMPANELLA	H		SIGNATURE					DATE	
T	16. TRANSPORTER (1)	SHIP SHE		17.	TRANSPORTER (2)					
R	NAME: ROCKSTAR PACKING	3 LLC		NAME:						
N S	TEXAS I.D. NO.			TEXAS I.D. NO.						
P	EMERGENCY PHONE: (575) 703-0333 EMERGE 18. TRANSPORTER (1): Acknowledgment of receipt of material 19. TRA			IN CASE OF EME	MERGENCY CONTACT:					
OR				EMERGENCY PH	ENCY PHONE: ANSPORTER (2): Acknowledgment of receipt of material					
T E R				PRINTED/TYPEI						
S	SIGNATURE LUIS VEGG	DATE		SIGNATURE				DATE		
D F	Lea Land, LLC	ADD		le Marker 64, U. Miles East of C		•	PHONE:	575-88	37-4048	
S C P I	PERMIT NO. WM-01-035 - New Mex	xico		20. COMMENTS			Tales of			
O L S I A T	21.DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such		N: I Hereb	y certify that the above of	described	wastes we	re delivered to t	his facility,	that the	
LY	AUTHORIZED SIGNATURE	Mal	1-	CELL NO.	/	DAT	E 7/28/2020	TU	ME 15	



TICKET No. 164758

LEASE OPERATOR/SHIPPER/COMPANY: Judah Oil					
LEASE NAME: Ford State #1					
TRANSPORTER COMPANY: Munson Const. TIME 3:17 AM/PM					
DATE: 3/29/2011 VEHICLE NO: 01 GENERATOR COMPANY Blaze Campanil					
CHARGE TO: RIG NAME AND NUMBER					
TYPE OF MATERIAL					
[] Production Water [] Drilling Fluids [] Rinsate					
[] Tank Bottoms					
[] Solids [] BS&W Content: [] Call Out					
Description: Old					
RRC or API # C-133#					
VOLUME OF MATERIAL []BBLS: YARD_22: []					
AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY. ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET. TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.					

White - Sundance

(SIGNATURE)

FACILITY REPRESENTATIVE:

Canary - Sundance Acct #1

Pink - Transporter



P.O. Box 1737 Eunice, New Mexico 88231 (575) 394-2511 TICKET No. 164719

LEAST ODER TORIS (LURDER) (COMPANY T
LEASE OPERATOR/SHIPPER/COMPANY: Judah Oil
LEASE NAME: Ford State #1
TRANSPORTER COMPANY: Munson Const. TIME //:23AM/PM
DATE: 3/29/7011 VEHICLE NO: GENERATOR COMPANY MAN'S NAME: Bloze Campanilla
CHARGE TO: RIG NAME AND NUMBER
TYPE OF MATERIAL 516
[] Production Water [] Drilling Fluids [] Rinsate
[] Tank Bottoms
[] Solids [] BS&W Content: [] Call Out
Description: Old
RRC or API # C-133#
VOLUME OF MATERIAL []BBLS. : [] YARD 22 : []

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER: Nohert Pashero

FACILITY REPRESENTATIVE: Onnie Komero

(SIGNATURE)

White - Sundance

Canary - Sundance Acct #1

Pink - Transporter



P.O. Box 1737 Eunice, New Mexico 88231 (575) 394-2511 TICKET No. 164620

' ' (5/5) 394-2511	
LEASE OPERATOR/SHIPPER/COMPANY: Judah Oil	
LEASE NAME: Ford State #1	
TRANSPORTER COMPANY: Munson Const	TIME 2:5) AM/PM
DATE: 3 28/201 VEHICLE NO: GENERATOR COMPANY MAN'S NAME:	Bloze Campan
CHARGE TO: RIG NAME AND NUMBER	
TYPE OF MATERIAL	16
[] Production Water [] Drilling Fluids [] F	Rinsate
[] Tank Bottoms	let Out
[] Solids [] BS&W Content: [] [Call Out
Description:	at a
RRC or API # C-13	33#
VOLUME OF MATERIAL [] BBLS. : Y YARD 22 :	[1
AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AN THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OF GEOTHERMAL ENERGY. ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIAL TICKET. TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL TICKET. TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL TICKET. TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL TICKET. TRANSPORTER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SU	AS AMENDED FROM TIME ID REGULATIONS RELATED INTERS, AND OTHER WASTE OIL OR NATURAL GAS OR LS SHIPPED WITH THIS JOB ATERIAL DELIVERED BY
[] Tank Bottoms [] Solids [] Solids [] BS&W Content: Description: RRC or API # C-13 VOLUME OF MATERIAL [] BBLS. : V] YARD :: AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AN THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OF GEOTHERMAL ENERGY.	S SHIPPED WITH THIS JOB AL SHIPPED HEREWITH IS AS AMENDED FROM TIME ID REGULATIONS RELATED ATERS, AND OTHER WASTE OIL OR NATURAL GAS OR LS SHIPPED WITH THIS JOB ATERIAL DELIVERED BY

FACILITY FOR DISPOSAL.

THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.

DRIVER: (SIGNATURE)

FACILITY REPRESENTATIVE:

(SIGNATURE)

White - Sundance

Canary - Sundance Acct #1

Pink - Transporter



SUNDANCE SERVICES, Inc. P.O. Box 1737 Eunice, New Mexico 88231 (575) 394-2511

TICKET No. 164584

LEASE OPERATOR/SHIPPER/COMPANY:	ah Oil				
LEASE NAME: Ford State	井				
TRANSPORTER COMPANY: Munson	TIME D: Z8 AM/PM				
DATE: 3/28/2011 VEHICLE NO: 01	GENERATOR COMPANY Bloze Camponal				
CHARGETO: Judah Oil	RIG NAME AND NUMBER				
TYP	PE OF MATERIAL				
[] Production Water	[] Drilling Fluids [] Rinsate				
[] Tank Bottoms	Contaminated Soil [] Jet Out				
[] Solids	[] BS&W Content: [] Call Out				
Description:	MAN AND THE RESERVE OF THE PERSON OF THE PER				
RRC or API #	C-133#				
VOLUME OF MATERIAL [] BBLS	: YARD 22 : []				
AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY. ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET. TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident. DRIVER: (SIGNATURE) White Sundance (Capaty & Sundance Acct #1) Pink & Transporter					
	ary - Sundance Acct #1 Pink - Transporter				
Re-order from: TOTALLY SHARP A	ADVERTISING • 432-586-5401 • www.PromoSupermarket.com				



TICKET No. 163637

(575) 394-2511					
LEASE OPERATOR/SHIPPER/COMPANY: Judah Oil					
LEASE NAME: Ford State #1					
TRANSPORTER COMPANY: Munson Const.	TIME 3:07 AMPM				
DATE: 3 7 VEHICLE NO: GENERATOR COMPANY MAN'S NAME:	Blaze Campane				
CHARGE TO: Judah Oil RIGNAME AND NUMBER					
TYPE OF MATERIAL					
[] Production Water [] Drilling Fluids [] Rir	nsate				
[] Tank Bottoms [] Contaminated Soil [] Jet	t Out				
[] Solids [] BS&W Content: [] Ca	II Out				
Description:	144				
RRC or API # C-133	#				
VOLUME OF MATERIAL [] BBLS: YARD:	[]				
	and the same of th				
AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY. ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET. TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S FACILITY FOR DISPOSAL.					
THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transabove described location, and that it was tendered by the above described shipper. This will a materials were added to this load, and that the material was delivered without incident. DRIVER: [SIGNATURE] White - Sundance Canary - Sundance Acct #1 Pink - Tr	ransporter				
White - Sundance Canary - Sundance Acct #1 PINK - Ir					
ne-vide none to their strate strate and a second to the strate st					



P.O. Box 1737 Eunice, New Mexico 88231 (575) 394-2511 TICKET No. 163705

(575) 394-2511		
LEASE OPERATOR/SHIPPER/COMPANY:	dah Dil	
LEASE NAME: FORd State 7	#/	
TRANSPORTER COMPANY: Mun son	- Const.	TIME 10:4/AM/PM
DATE: 3/18/11 VEHICLE NO: 0	/ GI	ENERATOR COMPANY BLAZE Companel
CHARGETO: Judah O	il	RIG NAME AND NUMBER
Т	YPE OF MATERIAL	
[] Production Water	[] Drilling Fluids	[] Rinsate
[] Tank Bottoms	M Contaminated Soil	[] Jet Out
[] Solids	[] BS&W Content:	[] Call Out
Description: 0/b		
RRC or API #		C-133#
VOLUME OF MATERIAL [] BBLS.	_: X YARD_	20_: [1
	and the second second second second	No. 10 Company of the State of
RRC or API #	_: X YARD_	C-133#

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET. TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S FACILITY FOR DISPOSAL.

THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.

DRIVER:

(SIGNATURE)

FACILITY REPRESENTATIVE:

(SIGNATURE)

White - Sundance

Canary - Sundance Acct #1

Pink - Transporter



TICKET No. 163749

(575) 394-2511		
LEASE OPERATOR/SHIPPER/COMPANY:	Tudah Oi	l
LEASE NAME: Ford State	#/	
TRANSPORTER COMPANY: Mun 300	n Const.	TIME 2:16 AMPM
DATE: 3/18/11 VEHICLE NO: 0/	GE	MAN'S NAME: Blaze Campone
CHARGETO: Judah di	-	RIG NAME AND NUMBER
	TYPE OF MATERIAL	
[] Production Water	[] Drilling Fluids	[] Rinsate
[] Tank Bottoms	[] Contaminated Soil	[] Jet Out
[] Solids	[] BS&W Content:	[] Call Out
Description:		24
RRC or API #		C-133#
VOLUME OF MATERIAL [] BBLS	: Xj yard_	20: []
AS A CONDITION TO SUNDANCE SERVICE TICKET, OPERATOR/SHIPPER REPRESENTS A MATERIAL EXEMPT FROM THE RESOURCE, CO TO TIME, 40 U.S.C. § 6901, et seq., THE NM HI THERETO, BY VIRTUE OF THE EXEMPTION AF ASSOCIATED WITH THE EXPLORATION, DEV GEOTHERMAL ENERGY. ALSO AS A CONDITION TO SUNDANCE SERV TICKET. TRANSPORTER REPRESENTS AN OPERATOR/SHIPPER TO TRANSPORTER IS N FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the above Transpo- above described location, and that it was tend materials were added to this load, and that the	IND WARRANTS THAT THE VONSERVATION AND RECOVER EALTH AND SAF. CODE § 361. FORDED DRILLING FLUIDS, (ELOPMENT OR PRODUCTION WICES, INC.'S ACCEPTANCE OF NOW DELIVERED BY TRANSFORMER OF THE SAME OF THE	VASTE MATERIAL SHIPPED HEREWITH IS BY ACT OF 1976, AS AMENDED FROM TIME .001 et seq., AND REGULATIONS RELATED PRODUCED WATERS, AND OTHER WASTE IN OF CRUDE OIL OR NATURAL GAS OR FITHE MATERIALS SHIPPED WITH THIS JOB NLY THE MATERIAL DELIVERED BY PORTER TO SUNDANCE SERVICES, INC.'S sented by this Transporter Statement at the shipper. This will certify that no additional
White - Sundance C	anary - Sundance Acct #1	Pink - Transporter



SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231 (575) 394-2511 TICKET No. 163907

[] (3/3)354-2	211	
LEASE OPERATOR/SHIPPER/COMPANY:	Judah Dil	
LEASE NAME: Ford State	2 # /	
TRANSPORTER COMPANY: Muni	son Const.	TIME //:/4 AM/PM
DATE: 3/2/// VEHICLE NO:	0/ GEN	MERATOR COMPANY Blaze Campani
CHARGETO: Judah		RIG NAME AND NUMBER
	TYPE OF MATERIAL	
[] Production Water	[] Drilling Fluids	[] Rinsate
[] Tank Bottoms	Contaminated Soil	[] Jet Out
[] Solids	[] BS&W Content:	[] Call Out
Description:	10	
RRC or API #		C-133#
VOLUME OF MATERIAL [] BBLS	: 1/1 YARD	22: []

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER:

(SIGNATURE)

FACILITY REPRESENTATIVE:

(SIGNATURE)

White - Sundance

Canary - Sundance Acct #1

Pink - Transporter

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SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231 (575) 394-2511 TICKET No. 163948

Pink - Transporter

Here we have the second of the
LEASE OPERATOR/SHIPPER/COMPANY: Judah Dil
LEASE NAME: Ford State # /
TRANSPORTER COMPANY: MUNSON CONST. TIME 3:02 AM/PM
DATE: 3 21 11 VEHICLE NO: 0/ GENERATOR COMPANY Blaze Campane
CHARGE TO: Judah Oil RIG NAME AND NUMBER
TYPE OF MATERIAL
[] Production Water [] Drilling Fluids [] Rinsate
[] Tank Bottoms
[] Solids [] BS&W Content: [] Call Out
Description: OD
RRC or API # C-133#
VOLUME OF MATERIAL [] BBLS: YARD_22_: []
AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY. ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET. TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S FACILITY FOR DISPOSAL. **THIS WILL CERTIFY** that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.

undance Canary - Sundance Acct #1 Pink - Tr

Re-order from: TOTALLY SHARP ADVERTISING • 432-586-5401 • www.PromoSupermarket.com

White - Sundance

(SIGNATURE)

FACILITY REPRESENTATIVE:

DRIVER:



SUNDANCE SERVICES, Inc. P.O. Box 1737 Eunice, New Mexico 88231

TICKET No. 164041

(3/3) 394-2311
LEASE OPERATOR/SHIPPER/COMPANY: Judah Oil Co.
LEASE NAME: Ford State #1
TRANSPORTER COMPANY: Munson Const. TIME 10:58 AM/PM
DATE: 3/22/2011 VEHICLE NO: OI GENERATOR COMPANY Blaze Camponelli
CHARGE TO: Judah Oil Co. RIG NAME AND NUMBER
TYPE OF MATERIAL
[] Production Water [] Drilling Fluids [] Rinsate
[] Tank Bottoms [] Contaminated Soil [] Jet Out
[] Solids [] BS&W Content: [] Call Out
Description:
RRC or API # C-133#
VOLUME OF MATERIAL [] BBLS: YARD_22_: []
AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY. ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET. TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident. DRIVER: [SIGNATURE] FACILITY REPRESENTATIVE:
(SIGNATURE) White - Sundance

Re-order from: TOTALLY SHARP ADVERTISING • 432-586-5401 • www.PromoSupermarket.com



SUNDANCE SERVICES, Inc. P.O. Box 1737 Eunice, New Mexico 88231

TICKET No. 164198

Pink - Transporter

11 (3/3)33/125/1
LEASE OPERATOR/SHIPPER/COMPANY: Judah Oil
LEASE NAME: Ford State #1
TRANSPORTER COMPANY: Munson Const. TIME 1:09 AM/PM
DATE: 3/23/2011 VEHICLE NO: 01 GENERATOR COMPANY Blaze Campanel
CHARGE TO: Judah Oil RIG NAME AND NUMBER
TYPE OF MATERIAL
[] Production Water [] Drilling Fluids [] Rinsate
[] Tank Bottoms
[] Solids [] BS&W Content: [] Call Out
Description:
RRC or API # C-133#
VOLUME OF MATERIAL []BBLS. : [YARD 22 : []
AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY. ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET. TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S FACILITY FOR DISPOSAL. **THIS WILL CERTIFY** that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.
DRIVER: (SIGNATURE)

Canary - Sundance Acct #1 Re-order from: TOTALLY SHARP ADVERTISING • 432-586-5401 • www.PromoSupermarket.com

White - Sundance

FACILITY REPRESENTATIVE:



SUNDANCE SERVICES, Inc. P.O. Box 1737 Eunice, New Mexico 88231 (575) 394-2511

TICKET No. 164254

(3/3/394-2311				
LEASE OPERATOR/SHIPPER/COMPANY: 30	idah Oil		1 1 - 1	
LEASE NAME: Ford State	#1			
TRANSPORTER COMPANY: Munson	Const.		TIME 2:54	AMAPA
DATE: 3/23/2011 VEHICLE NO: 0	GE	ENERATOR COMPANY MAN'S NAME:	Daze Cam	pano
CHARGETO: Judah Oil		RIG NAME AND NUMBER		
T	YPE OF MATERIAL			
[] Production Water	[] Drilling Fluids	[] Ri	nsate	
[] Tank Bottoms	1 1 Contaminated Soil	[] Je	t Out	
[] Solids	[] BS&W Content:	[] Ca	all Out	
Description:				
RRC or API #		C-133	#	
	V	20	7.1	
VOLUME OF MATERIAL [] BBLS	_: YARD_	04	[]	
A THE SEASON DESCRIPTION OF SEASON	ID WARRANTS THAT THE NESERVATION AND RECOVER ALTH AND SAF. CODE § 361 ORDED DRILLING FLUIDS, LOPMENT OR PRODUCTION WARRANTS THAT OF WARRANTS T	WASTE MATERIAL RY ACT OF 1976, A 1.001 et seq., AND PRODUCED WATI ON OF CRUDE OF OF THE MATERIALS INLY THE MATERIALS INLY THE MATERIALS RESENTED BY THIS WILL A SHIPPER. THIS WILL INDUCTION OF THIS WILL INDUCTION OF THE MATERIALS INLY THE MATERIALS IN THE MATERIA	SHIPPED HEREW S AMENDED FROM REGULATIONS RE ERS, AND OTHER N L OR NATURAL G SHIPPED WITH THE ERIAL DELIVERE DANCE SERVICES, INSPORTER Statement Certify that no add Transporter	ITH IS MITIME SLATED WASTE AS OR HIS JOB D BY INC.'S



SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231 (575) 394-2511 TICKET No. 164330

(5/5) 394-2511		
LEASE OPERATOR/SHIPPER/COMPANY:	dah Oil	
LEASE NAME: Ford State	# /	
TRANSPORTER COMPANY: Munse	on Const	TIME 10:43 AM/PM
DATE: 3/24/11 VEHICLE NO:	O/ GEN	NERATOR COMPANY Blaze Campani
CHARGE TO: Judah Oil		RIG NAME AND NUMBER
Т	YPE OF MATERIAL	art i married have to the see for the
[] Production Water	[] Drilling Fluids	[] Rinsate
[] Tank Bottoms	Contaminated Soil	[] Jet Out
[] Solids	[] BS&W Content:	[] Call Out
Description: 0/1		
RRC or API #		C-133#
VOLUME OF MATERIAL [] BBLS	_:)4 YARD_	22: 11
AS A CONDITION TO SUNDANCE SERVICE TICKET, OPERATOR/SHIPPER REPRESENTS AF MATERIAL EXEMPT FROM THE RESOURCE, CO	ND WARRANTS THAT THE W	ASTE MATERIAL SHIPPED HEREWITH IS

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET. TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S FACILITY FOR DISPOSAL.

THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.

DRIVER: (SIGNATURE)

(SIGNATURE)

FACILITY REPRESENTATIVE:

White - Sundance

Canary - Sundance Acct #1

Pink - Transporter

Re-order from: TOTALLY SHARP ADVERTISING • 432-586-5401 • www.PromoSupermarket.com



SUNDANCE SERVICES, Inc. P.O. Box 1737 Eunice, New Mexico 88231

TICKET No. 164372

11. (5/5) 394-2511	
LEASE OPERATOR/SHIPPER/COMPANY:	dah Oil
LEASE NAME: Ford State	#/
TRANSPORTER COMPANY: Muns	on Const. TIME 2:14 AMPM
DATE: 3/24/11 VEHICLE NO: 0	GENERATOR COMPANY B. COMPONED
CHARGETO: Judah Oil	RIG NAME AND NUMBER
TY	PE OF MATERIAL
[] Production Water	[] Drilling Fluids [] Rinsate
[] Tank Bottoms	Contaminated Soil [] Jet Out
[] Solids	[] BS&W Content: [] Call Out
Description:	
RRC or API #	C-133#
VOLUME OF MATERIAL [] BBLS	_: X1 YARD_22: []
TICKET, OPERATOR/SHIPPER REPRESENTS AN MATERIAL EXEMPT FROM THE RESOURCE, CON TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEATHERETO, BY VIRTUE OF THE EXEMPTION AFFI ASSOCIATED WITH THE EXPLORATION, DEVELOGEOTHERMAL ENERGY. ALSO AS A CONDITION TO SUNDANCE SERVITICKET. TRANSPORTER REPRESENTS AND OPERATOR/SHIPPER TO TRANSPORTER IS NOT FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the above Transported above described location, and that it was tended materials were added to this load, and that the incomplete the service of the	S, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB D WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS ISERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME ALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED DORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE COPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR CES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB OF WARRANTS THAT ONLY THE MATERIAL DELIVERED BY THE WASTE OF THE W
	ADVERTISING - 432-586-5401 - www.PromoSupermarket.com
	Processor of the contract of t



SUNDANCE SERVICES, Inc. P.O. Box 1737 Eunice, New Mexico 88231 (575) 394-2511

TICKET No. 164425

LEASE OPERATOR/SHIPPER/COMPANY: Judah Oil	
LEASE NAME: ford State #1	
TRANSPORTER COMPANY: Munson Const.	TIME 10:27 AM/PM
DATE: 3/25/2011 VEHICLE NO: 01	GENERATOR COMPANY BLOZE CUMPANAL
CHARGE TO: Judah Oil	RIG NAME AND NUMBER
TYPE OF MATERIA	L
[] Production Water	[] Rinsate
[] Tank Bottoms Contaminated	
[] Solids [] BS&W Content	
Description:	
RRC or API #	C-133#
VOLUME OF MATERIAL [] BBLS. : YAI	RD 24 22 []
VOLUME OF MATERIAL [] BBLS: YAI	
AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT T MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECO TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLU ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODU GEOTHERMAL ENERGY. ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANTICKET. TRANSPORTER REPRESENTS AND WARRANTS THAT OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TREACILITY FOR DISPOSAL. THIS WILL CERTIFY that the above Transporter loaded the material above described location, and that it was tendered by the above described location, and that it was tendered by the above described location, and that it has tendered by the above described location, and that it has tendered by the above described location, and that it has tendered by the above described location, and that it has tendered by the above described location. DRIVER: (SIGNATURE) White - Sundance Canary - Sundance Acceleration	HE WASTE MATERIAL SHIPPED HEREWITH IS OVERY ACT OF 1976, AS AMENDED FROM TIME is 361.001 et seq., AND REGULATIONS RELATED IDS, PRODUCED WATERS, AND OTHER WASTE CTION OF CRUDE OIL OR NATURAL GAS OR ONLY THE MATERIAL DELIVERED BY ANSPORTER TO SUNDANCE SERVICES, INC.'S represented by this Transporter Statement at the ribed shipper. This will certify that no additional without incident.
Re-order from: TOTALLY SHARP ADVERTISING • 432-586-5401	
the order from Torneer Strain Action Strain 432 300 3401	



SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231 (575) 394-2511 TICKET No. 164447

Pink - Transporter

LEASE OPERATOR/SHIPPER/COMPANY: Judah Oil
LEASE NAME: Ford State #1
TRANSPORTER COMPANY: Munson Const. TIME 1:56 AMPM
DATE: 3/25/2011 VEHICLE NO: 01 GENERATOR COMPANY MAN'S NAME: Bloze Companilly
CHARGE TO: Sudah Oil RIG NAME AND NUMBER
TYPE OF MATERIAL
[] Production Water [] Drilling Fluids [] Rinsate
[] Tank Bottoms [] Contaminated Soil [] Jet Out
[] Solids [] BS&W Content: [] Call Out
Description: Old
RRC or API # C-133#
VOLUME OF MATERIAL []BBLS: YARD_22 : []
AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY. ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET. TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S FACILITY FOR DISPOSAL.
THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.

Re-order from: TOTALLY SHARP ADVERTISING • 432-586-5401 • www.PromoSupermarket.com

Canary - Sundance Acct #1

White - Sundance

(SIGNATURE)

FACILITY REPRESENTATIVE:

DRIVER:

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:

BLAISE CAMPANELLA JUDAH OIL, LLC P. O. BOX 568 ARTESIA, NM 88211 **INVOICE # 28565**

Date:

8/6/2020

AFE Number:

Charge to:

Ford State #1

Date(s) of Service: 07/27/20 - 07/28/20

ate(5) 51 561 11651 57/27/25 57/

Manifest #:

See Attached List

Ship Via:

Rockstar Packing LLC

Qty	U/M	Description	Unit Price	Total
201.65	Tons	Non-regulated & non-hazardous waste (soil)	\$20.00	\$4,033.00
		· ·		
	*			
		Landfill located at Carlsbad, NM	-	
			Subtotal	\$4,033.00

TERMS: NET 30

Sales tax rate
Sales tax

5.500% \$221.82

Total

\$4,254.82

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!

Judah Oil Weights Statement

	Manifest				
Receive Date	Number	Lease Name	Weight (lbs.)	Weight (Tons)	
7/27/2020	137965	Ford State #1	161,880	80.94	
7/27/2020	137966	Ford State #1	162,160	81.08	
7/28/2020	137989	Ford State #1	40,420	20.21	
7/28/2020	137990	Ford State #1	38,840	19.42	
		TOTALS:	403,300	201.65	
			lbs.	Tons	

Lea Land Landfill New Mexico

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

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

	1300 WEST MAIN ST		ND, LLC 4A CITY, OK 73106 • P	PHONE (4	405) 236-42	257	Orro	5
NON	-HAZARDOUS WASTE MANIF	EST NO	137965	1. PAG	GEOF_	2. TRAII	ER NO.	1390
_	3. COMPANY NAME Judah Oil LLC	4. ADDRESS P.O. Box 568 CITY	STATE	in zem		ICK-UP DATE 7/27/2020 NRCC I.D. NO		
E	PHONE NO. (575) 748–5488 7. NAME OR DESCRIPTION OF WASTE SHIPPI	Artesia	NM		TAINERS Type	9. TOTAL OUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
N	a. Non-Regulated, Non Hazardous Wast	100		No.	СМ	QUARTITY	WETON	
E	b. 33,440 28	4Le0_	100000000000000000000000000000000000000		ge akuda	e i salpidodi		
R	WT: 34620 COMMENTS OR SPECIAL INSTRUCTIONS	31,8LD	33487			13. WASTE I	PROFILE N	IO.
A	STATE#1		GENCY OR SPIL	L, CO) NTACT			
T	NAME OF ONTIVEROS	PHONE NO 575-887-4048	3				R EMERGE	
O	15.GENERATOR'S CERTIFICATION shipping name and are classified, packed, marked, a international and national government regulations,	I Hereby declare the and labeled, and are in including applicable	nat the contents of this c n all respects in proper c state regulations, and ar	consignment condition to the same	ent are fully for transpor e materials	and accurately t by highway ac previously app	described ecording to roved by Ll	above by prope applicable EA LAND, LLC
R	PRINTED/TYPED NAME CO. MAN: JAMES CAMPANELLA		SIGNATURE	Av.				DATE
T R A N S	16. TRANSPORTER (1) NAME: ROCKSTAR PACKIN TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: AL	NOSVHOL NA	17. NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY I	MERGEN		ORTER (2)		
O R T E R	EMERGENCY PHONE: (57 18. TRANSPORTER (1): Acknowledgment PRINTED/TYPED NAME CARLOS	DODAS		ORTER		nowledgment o	of receipt of	material
S	SIGNATURE CAL COS	DATE	SIGNATURE _				DATE	
D 1	Lea Land, LLC		Mile Marker 64, 0 Miles East of					887-4048
I A	PERMIT NO. WM-01-035 - New M		20. COMMENTS					
O I	21.DISPOSAL FACILITY'S CERTIF	TICATION: I Her ch wastes.	eby certify that the above	ve describ	ed wastes v	vere delivered t	to this facili	ty, that the
135	AUTHORIZED SIGNATURE	700=	CELL NO.	- MARCH	DA	ATE 7/27/202	0	10.

GENERATOR: COPIES 1 & 6
Released to Imaging: 10/1/2025 10:43:35 AM

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5

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

LEA LAND, LLC

B	DH	-he	105	
2. TRAILI	ER NO.	320	SHA	7
UP DATE				
10000				

N-HAZARDOUS WASTE MANIFEST NO	137966	1. PA	GEOF_	2. TRAII	LER NO.3	2011
3. COMPANY NAME 4. ADDRESS	CARRIED THE		5. F	PICK-UP DATE		
Judah Oil LLC P.O. Box 568) Walion	Mark Street Contract of the Land	7/27/2020		1
PHONE NO.	STATE		ZIP 6. T	TNRCC I.D. NO).	
(575) 748-5488 Artesia	NM	882		9. TOTAL	10. UNIT	11. TEXA
7. NAME OR DESCRIPTION OF WASTE SHIPPED:		No.	TAINERS Type	QUANTITY	Wt/Vol.	WASTE ID
Non-Regulated, Non Hazardous Waste		1	CM	- 1		
30,080 30,080	and the last of the last	NEW bear		o strict mark	Marine State	HE THE
c.	100	1				
W. 37/100 359AD	32920					
12. COMMENTS OR SPECIAL INSTRUCTIONS:	Os mo			13. WASTE	PROFILE N	NO.
STATE#1	TO 1(12)	16	0			
14. IN CASE OF EMER	GENCY OR SPIL	L, CO	NTACT		U de	en long a lo
NAME PHONE NO				24-HOU	R EMERGI	ENCY NO.
JOE ONTIVEROS 575-887-4048			0.11		, dagariha l	ahove by pro
15.GENERATOR'S CERTIFICATION: 1 Hereby declare the shipping name and are classified, packed, marked, and labeled, and are in international and national government regulations, including applicables	at the contents of this c a all respects in proper co state regulations, and are	onsignme ondition f e the sam	or transpor e materials	t by highway ac previously app	ccording to roved by Ll	applicable EA LAND, L
PRINTED/TYPED NAME	SIGNATURE					DATE
CO. MAN: JAMES CAMPANELLA						
16. TRANSPORTER (1)	17.	T	RANSP	ORTER (2)		
NAME: POCKSTAR PACKING LLC	NAME:			T (94)		
TEXAS LD. NO.	TEXAS I.D. NO.					
ALAN JOHNSON	IN CASE OF EM	ERGEN	CY CONTA	ACT:		
IN CASE OF EMERGENCY CONTACT.	EMERGENCY P	HONE:			0	4 1-5
18 TRANSPORTER (1): Acknowledgment of receipt of materi		ORTER	(2): Ack	nowledgment o	f receipt of	material
PRINTED/TYPED NAME / LUIS Quisada-	PRINTED/TYPE	ED NAM	Ε		The St	T. INIP. THE
	7/2020				DATE	
SIGNATURE SUIS Chinjeule DATE	SIGNATURE	q.				
ADDRESS:		IC II	···· 62/1	PHON		887-4048
	Mile Marker 64, U Miles East of 0				31330	307 1010
A	20. COMMENTS	Cal 180	aci, I VIVI	1	10 T	3200
C PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS					
L 21.DISPOSAL FACILITY'S CERTIFICATION: 1 Here	shu partify that the above	e describ	ed wastes v	vere delivered t	o this facili	ty, that the
facility is authorized and permitted to receive such wastes.	edy certify that the abov	e describe	ed wastes v			
T laciny is authorized and permitted by Authorized Signature	CELL NO		D/	7/27/2020		TIME ,
LALL DELY RELY ELL SIGNAL CINE 1 / 1			THE R. LEWIS CO., LANSING, MICH.	(//////////////////////////////////////	The state of the s	

	LEA LAN 1300 WEST MAIN STREET • OKLAHOMA		HONE (4	405) 236-42	257 E	LT	-
ION	-HAZARDOUS WASTE MANIFEST NO	137989	1. PAG	GEOF_	_ 2. TRAIL	ER NO.	40 #
G	3. COMPANY NAME 4. ADDRESS P.O. Box 568 CITY	STATE		7	ICK-UP DATE 7/28/2020 NRCC I.D. NO	177	
	(575) 748-5488 7. NAME OR DESCRIPTION OF WASTE SHIPPED:	NM	8. CON No.	TAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXA WASTE ID
N	a. Non-Regulated, Non Hazardous Waste	dan diserci adapta	1	СМ			
E	b. c.			0.400			
R	d. 40420 12. COMMENTS OR SPECIAL INSTRUCTIONS:	p yard and	-21		13. WASTE I	PROFILE N	O.
A	FORD STATE#1			VT. CT			
0	14. IN CASE OF EMERG NAME PHONE NO JOE ONTIVEROS 575-887-4048 15.GENERATOR'S CERTIFICATION: I Hereby declare that shipping name and are classified, packed, marked, and labeled, and are in al international and national government regulations, including applicable sta	the contents of this c	onsignme	ent are fully	and accurately	described a coording to a roved by LE	above by pro
R	PRINTED/TYPED NAME CO. MAN: JAMES CAMPANELLA	SIGNATURE					DATE
T R A N S P	16. TRANSPORTER (1) NAME: ROCKSTAR PACKING LLC TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: ALAN JOHNSON EMERGENCY PHONE: (575) 703-0333	17. NAME: TEXAS I.D. NO. IN CASE OF EM EMERGENCY P	ERGENO	CY CONTA	100		erste (f.
R T E R	18. TRANSPORTER (1): Acknowledgment of receipt of material	19. TRANSPO	ORTER ED NAMI	Ε	nowledgment o		material
S		e Marker 64, U	J.S. Hv	wy 62/1	80, PHONE		87-4048
I A	PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS			1 7		T. T.
O L	121 DISPOSAL FACILITY'S CERTIFICATION: I Hereby	certify that the above	e describe	ed wastes w	ere delivered to	this facility	y, that the

GENERATOR: COPIES 1 & 6

Released to Imaging: 10/1/2025 10:43:35 AM

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5

	MILE MARKER #64 US HWY	02/180	- 50 MILE	S EAST OF CARLSBAL	J, INIVI • I	HONE (3	2) 001-4040	-	
	1300 WEST MAIN ST			AND, LLC OMA CITY, OK 73106 • F	PHONE (405) 236-4	257 M	onte	5
NON	N-HAZARDOUS WASTE MANIF	EST	NO	137990	1. PA	GE_OF	2. TRAIL	ER NO.	03
G	3. COMPANY NAME Judah Oil LLC PHONE NO. 412	4. ADD P.O. I	RESS Box 568		STATE OF	i de la constante	PICK-UP DATE 7/28/2020 TNRCC I.D. NO		
E	(575) 748-5488 7. NAME OR DESCRIPTION OF WASTE SHIPPE	Artesi ED:	a	NM	882 8. CON No.	TAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
N	a. Non-Regulated, Non Hazardous Waste b.	e	di -	m and the second of the second of	1	СМ			
E	c.			The second secon	10年10日	RET MOTE			
R	WT: 38,840 12. COMMENTS OR SPECIAL INSTRUCTIONS:						13. WASTE P	ROFILE N	О.
A	FORD STATE # 1 IN CA	ASE OI	FEME	RGENCY OR SPIL	L, CO	NTACT			A.S.
T	NAME JOE ONTIVEROS	PHON	NE NO 187-404				24-HOUR	EMERGE	NCY NO.
0	15.GENERATOR'S CERTIFICATION: shipping name and are classified, packed, marked, an international and national government regulations, in	nd labeled	L and are i	n all respects in proper co	ndition fo	or transport	by highway acc	ording to a	pplicable
R	PRINTED/TYPED NAME CO. MAN: JAMES CAMPANELLA			SIGNATURE					DATE
T R A N S	16. TRANSPORTER (1) NAME: ROCKSTAR PACKING TEXAS LD. NO.	Santa S		17. NAME: TEXAS I.D. NO.	TI	RANSPO	ORTER (2)		10
P O R	IN CASE OF EMERGENCY CONTACT: ALA EMERGENCY PHONE: (575)	703-0		EMERGENCY PH	ONE:	Elle Selv Til	Ports is		
T E R	PRINTED/TYPED NAME LUIS	of receipt	200	PRINTED/TYPEC	NAME	And And Commission of the Comm			naterial
	SIGNATURE LUIS US9	DATE	CLY_C	SIGNATURE				ATE	
D F	Lea Land, LLC	ADD		lile Marker 64, U. Miles East of Ca		•	PHONE:	575-88	37-4048
S C P I	PERMIT NO. WM-01-035 - New Mex	xico		20. COMMENTS					
O L S I A T	21.DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such v		N: I Here	by certify that the above of	lescribed	wastes wer	e delivered to the	nis facility,	that the
LY	AUTHORIZED SIGNATURE	4.1	1	CELL NO.	/	DAT	7/28/2020	TI	ME 15

Appendix G Lab Results Originals



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

Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS

P. O. BOX 2491 HOBBS NM, 88241

Fax To: (575) 392-9376

Received: 02/17/2025 Sampling Date: 02/17/2025

Reported: 02/21/2025 Sampling Type: Soil

Project Name: FORD STATE 1 Sampling Condition: Cool & Intact Project Number: Sample Received By: JUD - 101 Alyssa Parras

Project Location: JUDAH OIL 32.427621-104.059613

Sample ID: SP 3 @ 7' (H250946-30)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/19/2025	ND	2.21	111	2.00	2.07	
Toluene*	<0.050	0.050	02/19/2025	ND	2.35	118	2.00	1.82	
Ethylbenzene*	<0.050	0.050	02/19/2025	ND	2.40	120	2.00	1.78	
Total Xylenes*	<0.150	0.150	02/19/2025	ND	7.31	122	6.00	2.38	
Total BTEX	<0.300	0.300	02/19/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/18/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/18/2025	ND	211	105	200	0.663	
DRO >C10-C28*	83.0	10.0	02/18/2025	ND	195	97.3	200	0.388	
EXT DRO >C28-C36	29.8	10.0	02/18/2025	ND					
Surrogate: 1-Chlorooctane	100 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104 9	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

April 20, 2020

Ashley Maxwell Souder, Miller & Associates 201 S Halagueno Carlsbad, NM 88221 TEL: FAX:

RE: Ford State 001 OrderNo.: 2004515

Dear Ashley Maxwell:

Hall Environmental Analysis Laboratory received 23 sample(s) on 4/10/2020 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order 2004515

Date Reported: 4/20/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: S1-2'

 Project:
 Ford State 001
 Collection Date: 4/8/2020 10:58:00 AM

 Lab ID:
 2004515-001
 Matrix: SOIL
 Received Date: 4/10/2020 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE O	RGANICS					Analyst	том
Diesel Range Organics (DRO)	5800	96		mg/Kg	10	4/13/2020 10:34:57 AM	51740
Motor Oil Range Organics (MRO)	2300	480		mg/Kg	10	4/13/2020 10:34:57 AM	51740
Surr: DNOP	0	55.1-146	S	%Rec	10	4/13/2020 10:34:57 AM	51740
EPA METHOD 8015D: GASOLINE RANGE						Analyst	NSB
Gasoline Range Organics (GRO)	490	99		mg/Kg	20	4/14/2020 3:11:34 PM	51735
Surr: BFB	220	66.6-105	S	%Rec	20	4/14/2020 3:11:34 PM	51735

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quantitative Limit

S % Recovery mutside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 1 of 30

Lab Order 2004515

Date Reported: 4/20/2020

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: S1-4' CLIENT: Souder, Miller & Associates

Collection Date: 4/8/2020 11:02:00 AM Project: Ford State 001 Received Date: 4/10/2020 8:25:00 AM Matrix: SOIL Lab ID: 2004515-002

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Analyst	: TOM
Diesel Range Organics (DRO)	1500	100		mg/Kg	10	4/13/2020 4:04:15 AM	51740
Motor Oil Range Organics (MRO)	590	500		mg/Kg	10	4/13/2020 4:04:15 AM	51740
Surr: DNOP	0	55.1-146	S	%Rec	10	4/13/2020 4:04:15 AM	51740
EPA METHOD 8015D: GASOLINE RANGE						Analyst	NSB
Gasoline Range Organics (GRO)	110	25		mg/Kg	5	4/14/2020 3:34:53 PM	51735
Surr: BFB	212	66.6-105	S	%Rec	5	4/14/2020 3:34:53 PM	51735

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix D

Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quantitative Limit

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

Value above quantitation range

Analyte detected below quantitation limits

Sample pH Not in Range

RL Reporting Limit

Page 2 of 30

CLIENT: Souder, Miller & Associates

Analytical Report

Lab Order 2004515

Date Reported: 4/20/2020

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: S1-6'

Collection Date: 4/8/2020 11:08:00 AM

Project: Ford State 001 Matrix: SOIL Received Date: 4/10/2020 8:25:00 AM Lab ID: 2004515-003

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS					Analyst:	том
Diesel Range Organics (DRO)	280	10		mg/Kg	1	4/13/2020 11:23:01 AM	51740
Motor Oil Range Organics (MRO)	150	50		mg/Kg	1	4/13/2020 11:23:01 AM	51740
Surr: DNOP	86.8	55.1-146		%Rec	1	4/13/2020 11:23:01 AM	51740
EPA METHOD 8015D: GASOLINE RANGE						Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/14/2020 3:58:14 PM	51735
Surr: BFB	135	66.6-105	S	%Rec	1	4/14/2020 3:58:14 PM	51735

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level
- D Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded H
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- % Recovery outside of range due to dilution or matrix

- Analyte detected in the associated Method Blank
- Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

Page 3 of 30

Lab Order 2004515 Date Reported: 4/20/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates

Project: Ford State 001

Lab ID: 2004515-004 Client Sample ID: S1-11'

Collection Date: 4/8/2020 11:40:00 AM

Received Date: 4/10/2020 8:25:00 AM

Analyses	Result	RL Qu	ual Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	том
Diesel Range Organics (DRO)	51	9.5	mg/Kg	1	4/13/2020 4:52:21 AM	51740
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	4/13/2020 4:52:21 AM	51740
Surr: DNOP	92.4	55.1-146	%Rec	1	4/13/2020 4:52:21 AM	51740
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	4/14/2020 4:21:37 PM	51735
Surr: BFB	98.8	66.6-105	%Rec	1	4/14/2020 4:21:37 PM	51735

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit

PQL Practical Quantitative Limit

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

Value above quantitation range

Analyte detected below quantitation limits

Sample pH Not in Range

RL Reporting Limit

Page 4 of 30

Lab Order 2004515

Date Reported: 4/20/2020

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: S2-2' CLIENT: Souder, Miller & Associates

Project: Ford State 001 Collection Date: 4/8/2020 11:52:00 AM 2004515-005 Matrix: SOIL Received Date: 4/10/2020 8:25:00 AM Lab ID:

Result	RL	Qual Ur	nits	DF	Date Analyzed	Batch
RGANICS					Analyst	том
ND	9.1	mg	g/Kg	1	4/13/2020 5:16:28 AM	51740
ND	46	mg	g/Kg	1	4/13/2020 5:16:28 AM	51740
78.7	55.1-146	%	Rec	1	4/13/2020 5:16:28 AM	51740
					Analyst	NSB
ND	5.0	mg	g/Kg	1	4/14/2020 4:45:08 PM	51735
96.9	66.6-105	%	Rec	1	4/14/2020 4:45:08 PM	51735
	RGANICS ND ND 78.7	RGANICS ND 9.1 ND 46 78.7 55.1-146 ND 5.0	RGANICS ND 9.1 m ND 46 m 78.7 55.1-146 %	RGANICS ND 9.1 mg/Kg ND 46 mg/Kg 78.7 55.1-146 %Rec ND 5.0 mg/Kg	RGANICS ND 9.1 mg/Kg 1 ND 46 mg/Kg 1 78.7 55.1-146 %Rec 1 ND 5.0 mg/Kg 1	RGANICS ND 9.1 mg/Kg 1 4/13/2020 5:16:28 AM ND 46 mg/Kg 1 4/13/2020 5:16:28 AM 78.7 55.1-146 %Rec 1 4/13/2020 5:16:28 AM Analyst ND 5.0 mg/Kg 1 4/14/2020 4:45:08 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Practical Quantitative Limit
- % Recovery outside of range due to dilution or matrix

- Analyte detected in the associated Method Blank
- E Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not in Range
- RL Reporting Limit

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Lab Order 2004515

Date Reported: 4/20/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: S2-4'

 Project:
 Ford State 001
 Collection Date: 4/8/2020 11:56:00 AM

 Lab ID:
 2004515-006
 Matrix: SOIL
 Received Date: 4/10/2020 8:25:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst	том
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	4/13/2020 5:40:30 AM	51740
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	4/13/2020 5:40:30 AM	51740
Surr: DNOP	87.0	55.1-146	%Rec	1	4/13/2020 5:40:30 AM	51740
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	4/14/2020 5:08:39 PM	51735
Surr: BFB	97.3	66.6-105	%Rec	1	4/14/2020 5:08:39 PM	51735

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level,
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
 - 5 % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Lab Order 2004515

Date Reported: 4/20/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: S2-5'

 Project:
 Ford State 001
 Collection Date: 4/8/2020 12:00:00 PM

 Lab ID:
 2004515-007
 Matrix: SOIL
 Received Date: 4/10/2020 8:25:00 AM

Result RL Qual Units DF Date Analyzed Batch Analyses EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: TOM 51740 Diesel Range Organics (DRO) ND 9.7 mg/Kg 4/13/2020 6:04:56 AM ND 49 4/13/2020 6:04:56 AM 51740 Motor Oil Range Organics (MRO) mg/Kg 1 Surr: DNOP 55.1-146 51740 83.9 %Rec 4/13/2020 6:04:56 AM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 4.9 4/14/2020 5:32:03 PM 51735 mg/Kg 51735 Surr: BFB 99.0 66.6-105 %Rec 4/14/2020 5:32:03 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quantitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Lab Order 2004515

Date Reported: 4/20/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: S3-2'

 Project:
 Ford State 001
 Collection Date: 4/8/2020 12:13:00 PM

 Lab ID:
 2004515-008
 Matrix: SOIL
 Received Date: 4/10/2020 8:25:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst	CLP
Diesel Range Organics (DRO)	65	9,4	mg/Kg	1	4/13/2020 5:44:59 AM	51742
Motor Oil Range Organics (MRO)	170	47	mg/Kg	1	4/13/2020 5:44:59 AM	51742
Surr: DNOP	91.4	55.1-146	%Rec	1	4/13/2020 5:44:59 AM	51742
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	4/14/2020 5:55:24 PM	51738
Surr: BFB	97.5	66.6-105	%Rec	1	4/14/2020 5:55:24 PM	51738

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
 - S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Lab Order 2004515

Date Reported: 4/20/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: S3-3'

 Project:
 Ford State 001
 Collection Date: 4/8/2020 12:19:00 PM

 Lab ID:
 2004515-009
 Matrix: SOIL
 Received Date: 4/10/2020 8:25:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	JME
Diesel Range Organics (DRO)	25	9.3	mg/Kg	1	4/15/2020 1:29:03 PM	51742
Motor Oil Range Organics (MRO)	59	46	mg/Kg	1	4/15/2020 1;29:03 PM	51742
Surr: DNOP	110	55.1-146	%Rec	1	4/15/2020 1:29:03 PM	51742
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	4/14/2020 6:18:47 PM	51738
Surr: BFB	98.1	66.6-105	%Rec	1	4/14/2020 6:18:47 PM	51738

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

Value exceeds Maximum Contaminant Level:

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quantitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Lab Order 2004515

Date Reported: 4/20/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates

Project: Ford State 001

Lab ID: 2004515-010

Client Sample ID: S3-4'

Collection Date: 4/8/2020 12:20:00 PM

Received Date: 4/10/2020 8:25:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst	CLP
Diesel Range Organics (DRO)	10	9.5	mg/Kg	1	4/13/2020 7:19:58 AM	51742
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	4/13/2020 7:19:58 AM	51742
Surr; DNOP	84.2	55.1-146	%Rec	1	4/13/2020 7:19:58 AM	51742
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	4/14/2020 8:39:46 PM	51738
Surr: BFB	98.4	66.6-105	%Rec	1	4/14/2020 8:39:46 PM	51738
Galliana.	77.7					

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S "6 Recovery parside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not in Range
- RL. Reporting Limit

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Lab Order 2004515

Date Reported: 4/20/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates

Client Sample ID: S5-2'

Collection Date: 4/8/2020 10:38:00 AM Project: Ford State 001 Received Date: 4/10/2020 8:25:00 AM Matrix: SOIL Lab ID: 2004515-011

Result	RL	Qual	Units	DF	Date Analyzed	Batch
ORGANICS					Analyst	CLP
2400	190		mg/Kg	20	4/13/2020 7:43:39 AM	51742
1300	950		mg/Kg	20	4/13/2020 7:43:39 AM	51742
0	55.1-146	S	%Rec	20	4/13/2020 7:43:39 AM	51742
					Analyst	: NSB
100	50		mg/Kg	10	4/14/2020 9:03:21 PM	51738
159	66.6-105	S	%Rec	10	4/14/2020 9:03:21 PM	51738
	2400 1300 0	DRGANICS 2400 190 1300 950 0 55.1-146	DRGANICS 2400 190 1300 950 0 55.1-146 S	DRGANICS 2400 190 mg/Kg 1300 950 mg/Kg 0 55.1-146 S %Rec 100 50 mg/Kg	DRGANICS 2400 190 mg/Kg 20 1300 950 mg/Kg 20 0 55.1-146 S %Rec 20 100 50 mg/Kg 10	DRGANICS 2400 190 mg/Kg 20 4/13/2020 7:43:39 AM 1300 950 mg/Kg 20 4/13/2020 7:43:39 AM 0 55.1-146 S %Rec 20 4/13/2020 7:43:39 AM Analyst 100 50 mg/Kg 10 4/14/2020 9:03:21 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded H
- Not Detected at the Reporting Limit ND
- PQL Practical Quantitative Limit
- % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank
- Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

Page 11 of 30

Lab Order 2004515

Date Reported: 4/20/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates

Project: Ford State 001

Lab ID: 2004515-012

Matrix: SOIL

Collection Date: 4/8/2020 10:45:00 AM

Client Sample ID: S5-3'

Received Date: 4/10/2020 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Analyst	CLP
Diesel Range Organics (DRO)	1300	99		mg/Kg	10	4/13/2020 8:07:15 AM	51742
Motor Oil Range Organics (MRO)	790	500		mg/Kg	10	4/13/2020 8:07:15 AM	51742
Surr: DNOP	0	55.1-146	S	%Rec	10	4/13/2020 8:07:15 AM	51742
EPA METHOD 8015D: GASOLINE RANGE						Analyst	NSB
Gasoline Range Organics (GRO)	52	25		mg/Kg	5	4/14/2020 9:26:54 PM	51738
Surr: BFB	168	66.6-105	S	%Rec	5	4/14/2020 9:26:54 PM	51738

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
 - S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E. Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 12 of 30

Lab Order 2004515

Date Reported: 4/20/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: S5-4'

 Project:
 Ford State 001
 Collection Date: 4/8/2020 10:47:00 AM

 Lab ID:
 2004515-013
 Matrix: SOIL
 Received Date: 4/10/2020 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Analyst	CLP
Diesel Range Organics (DRO)	730	93		mg/Kg	10	4/13/2020 8:54:31 AM	51742
Motor Oil Range Organics (MRO)	480	470		mg/Kg	10	4/13/2020 8:54:31 AM	51742
Surr: DNOP	0	55.1-146	S	%Rec	10	4/13/2020 8:54:31 AM	51742
EPA METHOD 8015D: GASOLINE RANGE						Analyst	: NSB
Gasoline Range Organics (GRO)	30	25		mg/Kg	5	4/14/2020 9:50:20 PM	51738
Surr: BFB	136	66.6-105	S	%Rec	5	4/14/2020 9:50:20 PM	51738

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quantitative Limit

S % Recovery outside of range due to dilution or matrix.

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RI. Reporting Limit

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Lab Order 2004515

Date Reported: 4/20/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates

Project: Ford State 001

Lab ID: 2004515-014

Client Sample ID: S6-1'

Collection Date: 4/8/2020 12:43:00 PM

Received Date: 4/10/2020 8:25:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	CLP
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	4/13/2020 10:05:16 AM	51742
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	4/13/2020 10:05:16 AM	51742
Surr: DNOP	90.4	55.1-146	%Rec	1	4/13/2020 10:05:16 AM	51742
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	4/14/2020 10:13:50 PM	51738
Surr: BFB	94.7	66.6-105	%Rec	1	4/14/2020 10:13:50 PM	51738

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B. Analyte detected in the associated Method Blank
- E Value above quantitation range
- I Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Lab Order 2004515

Date Reported: 4/20/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: S6-2'

 Project:
 Ford State 001
 Collection Date: 4/8/2020 12:45:00 PM

 Lab ID:
 2004515-015
 Matrix: SOIL
 Received Date: 4/10/2020 8:25:00 AM

Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst:	CLP
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	4/13/2020 10:28:46 AM	51742
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	4/13/2020 10:28:46 AM	51742
Surr: DNOP	99.0	55,1-146	%Rec	1	4/13/2020 10:28:46 AM	51742
EPA METHOD 8015D: GASOLINE RANGE					Analyst;	NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	4/14/2020 10:37:16 PM	51738
Surr: BFB	95.5	66.6-105	%Rec	1	4/14/2020 10:37:16 PM	51738

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E. Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH No! In Range
- RL Reporting Limit

Page 15 of 30

Lab Order 2004515

Date Reported: 4/20/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: S6-4'

 Project:
 Ford State 001
 Collection Date: 4/8/2020 12:53:00 PM

 Lab ID:
 2004515-016
 Matrix: SOIL
 Received Date: 4/10/2020 8:25:00 AM

Result	RL	Qual	Units	DF	Date Analyzed	Batch
ORGANICS					Analyst:	CLP
ND	9.8		mg/Kg	1	4/13/2020 10:52:17 AM	51742
ND	49		mg/Kg	1	4/13/2020 10:52:17 AM	51742
88.0	55.1-146		%Rec	1	4/13/2020 10:52:17 AM	51742
					Analyst:	NSB
ND	4.9		mg/Kg	1	4/14/2020 11:00:46 PM	51738
93.0	66.6-105		%Rec	1	4/14/2020 11:00:46 PM	51738
	DRGANICS ND ND 88.0	DRGANICS ND 9.8 ND 49 88.0 55.1-146 ND 4.9	DRGANICS ND 9.8 ND 49 88.0 55.1-146 ND 4.9	ND 9.8 mg/Kg ND 49 mg/Kg 88.0 55.1-146 %Rec ND 4.9 mg/Kg	DRGANICS ND 9.8 mg/Kg 1 ND 49 mg/Kg 1 88.0 55.1-146 %Rec 1 ND 4.9 mg/Kg 1	ND 9.8 mg/Kg 1 4/13/2020 10:52:17 AM ND 49 mg/Kg 1 4/13/2020 10:52:17 AM 88.0 55.1-146 %Rec 1 4/13/2020 10:52:17 AM Analyst: ND 4.9 mg/Kg 1 4/14/2020 11:00:46 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B. Analyte detected in the associated Method Blank
- Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Lab Order 2004515

Date Reported: 4/20/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: S7-1'

Collection Date: 4/8/2020 12:30:00 PM Project: Ford State 001 Matrix: SOIL Received Date: 4/10/2020 8:25:00 AM Lab ID: 2004515-017

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE O	RGANICS				Analyst:	JME
Diesel Range Organics (DRO)	23	9.5	mg/Kg	1	4/15/2020 1:53:05 PM	51742
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	4/15/2020 1:53:05 PM	51742
Surr: DNOP	77.6	55.1-146	%Rec	1	4/15/2020 1:53:05 PM	51742
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	4/14/2020 11:24:18 PM	51738
Surr: BFB	95.8	66,6-105	%Rec	1	4/14/2020 11:24:18 PM	51738

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- +1 Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- "» Recovery outside of range due to dilution or matrix

- Analyte detected in the associated Method Blank
- Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range
- Reporting Limit

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Lab Order 2004515

Date Reported: 4/20/2020

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: S7-2'

CLIENT: Souder, Miller & Associates Collection Date: 4/8/2020 12:30:00 PM Ford State 001 Project:

Matrix: SOIL Received Date: 4/10/2020 8:25:00 AM Lab ID: 2004515-018

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst:	CLP
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	4/13/2020 11:39:18 AM	51742
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	4/13/2020 11:39:18 AM	51742
Surr: DNOP	82.0	55.1-146	%Rec	1	4/13/2020 11:39:18 AM	51742
EPA METHOD 8015D: GASOLINE RANGE					Analyst:	NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	4/14/2020 11:47:44 PM	51738
Surr: BFB	95.6	66.6-105	%Rec	1	4/14/2020 11:47:44 PM	51738

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
 - % Recovery outside of range due to dilution or matrix

- Analyte detected in the associated Method Blank
- Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

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CLIENT: Souder, Miller & Associates

Analytical Report

Lab Order 2004515

Date Reported: 4/20/2020

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: S7-4'

 Project:
 Ford State 001
 Collection Date: 4/8/2020 12:35:00 PM

 Lab ID:
 2004515-019
 Matrix: SOIL
 Received Date: 4/10/2020 8:25:00 AM

RL Qual Units DF Date Analyzed Batch Result Analyses Analyst: CLP EPA METHOD 8015M/D: DIESEL RANGE ORGANICS 4/13/2020 12:02:48 PM 51742 Diesel Range Organics (DRO) 9.7 mg/Kg 4/13/2020 12:02:48 PM 51742 ND 48 mg/Kg 1 Motor Oil Range Organics (MRO) %Rec 4/13/2020 12:02:48 PM 51742 Surr: DNOP 78.9 55.1-146 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB 4/15/2020 12:11:10 AM 51738 ND 4.9 mg/Kg Gasoline Range Organics (GRO) 4/15/2020 12:11:10 AM 51738 %Rec Surr: BFB 97.6 66.6-105

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Lab Order 2004515

Client Sample ID: SW 1

Date Reported: 4/20/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates

Collection Date: 4/8/2020 1:22:00 PM Ford State 001 Project:

Received Date: 4/10/2020 8:25:00 AM Matrix: SOIL Lab ID: 2004515-020

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	JMT
Chloride	ND	60		mg/Kg	20	4/14/2020 5:08:24 PM	51782
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS					Analyst:	JME
Diesel Range Organics (DRO)	ND	8.9		mg/Kg	1	4/16/2020 8:33:36 AM	51849
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	4/16/2020 8:33:36 AM	51849
Surr: DNOP	89.5	55.1-146		%Rec	1	4/16/2020 8:33:36 AM	51849
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/15/2020 12:34:34 AM	51738
Surr: BFB	97.0	66.6-105		%Rec	1	4/15/2020 12:34:34 AM	51738
EPA METHOD 8021B: VOLATILES						Analyst:	NSB
Benzene	ND	0.025		mg/Kg	1	4/15/2020 12:34:34 AM	51738
Toluene	ND	0.049		mg/Kg	1	4/15/2020 12:34:34 AM	51738
Ethylbenzene	ND	0.049		mg/Kg	1	4/15/2020 12:34:34 AM	51738
Xylenes, Total	ND	0.099		mg/Kg	1	4/15/2020 12:34:34 AM	51738
Surr: 4-Bromofluorobenzene	99.5	80-120		%Rec	1	4/15/2020 12:34:34 AM	51738

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quantitative Limit

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

Value above quantitation range

Analyte detected below quantitation limits

Sample pH Not In Range

Page 20 of 30 RL Reporting Limit

Lab Order 2004515

Client Sample ID: SW 2

Date Reported: 4/20/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates

 Project:
 Ford State 001
 Collection Date: 4/8/2020 1:27:00 PM

 Lab ID:
 2004515-021
 Matrix: SOIL
 Received Date: 4/10/2020 8:25:00 AM

DF Date Analyzed Batch Result RL Qual Units Analyses Analyst: JMT **EPA METHOD 300.0: ANIONS** 4/14/2020 5:20:49 PM 51782 ND 60 mg/Kg 20 Chloride **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: CLP mg/Kg 4/13/2020 12:49:50 PM 51742 ND 9.7 Diesel Range Organics (DRO) 4/13/2020 12:49:50 PM 51742 ND 48 mg/Kg Motor Oil Range Organics (MRO) 4/13/2020 12:49:50 PM 51742 Surr: DNOP 65.0 55.1-146 %Rec Analyst: NSB **EPA METHOD 8015D: GASOLINE RANGE** 4/15/2020 12:57:58 AM 51738 Gasoline Range Organics (GRO) ND 4.9 mg/Kg 1 4/15/2020 12:57:58 AM 51738 93.2 66.6-105 %Rec Surr: BFB Analyst: NSB **EPA METHOD 8021B: VOLATILES** 4/15/2020 12:57:58 AM 51738 ND 0.025 mg/Kg Benzene ND 0.049 mg/Kg 1 4/15/2020 12:57:58 AM 51738 Toluene ND 0.049 mg/Kg 4/15/2020 12:57:58 AM 51738 Ethylbenzene 4/15/2020 12:57:58 AM 51738 ND 0.099 mg/Kg Xylenes, Total 97.4 80-120 %Rec 4/15/2020 12:57:58 AM 51738 Surr: 4-Bromofluorobenzene

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quantitative Limit

5 % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

1 Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Lab ID:

Analytical Report

Lab Order 2004515

Date Reported: 4/20/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates

Ford State 001 Project:

Matrix: SOIL 2004515-022

Client Sample ID: SW 3

Collection Date: 4/8/2020 1:31:00 PM Received Date: 4/10/2020 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	JMT
Chloride	150	60		mg/Kg	20	4/14/2020 5:33:13 PM	51782
EPA METHOD 8015M/D: DIESEL RANGE O	RGANICS					Analyst:	CLP
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	4/13/2020 1:13:28 PM	51742
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	4/13/2020 1:13:28 PM	51742
Surr: DNOP	66.8	55,1-146		%Rec	1	4/13/2020 1:13:28 PM	51742
EPA METHOD 8015D: GASOLINE RANGE						Analyst	NSB
Gasoline Range Organics (GRO)	ND	25	D	mg/Kg	5	4/15/2020 1:21:21 AM	51738
Surr: BFB	95.6	66,6-105	D	%Rec	5	4/15/2020 1:21:21 AM	51738
EPA METHOD 8021B: VOLATILES						Analyst	NSB
Benzene	ND	0.12	D	mg/Kg	5	4/15/2020 1:21:21 AM	51738
Toluene	ND	0.25	D	mg/Kg	5	4/15/2020 1:21:21 AM	51738
Ethylbenzene	ND	0.25	D	mg/Kg	5	4/15/2020 1:21:21 AM	51738
Xylenes, Total	ND	0.49	D	mg/Kg	5	4/15/2020 1:21:21 AM	51738
Surr: 4-Bromofluorobenzene	97.9	80-120	D	%Rec	5	4/15/2020 1:21:21 AM	51738

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit

Practical Quantative Limit

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

Value above quantitation range

Analyte detected below quantitation limits

Sample pH Not In Range

RL Reporting Limit

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Lab Order 2004515

Date Reported: 4/20/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates

Project: Ford State 001

Client Sample ID: SW 4

Collection Date: 4/8/2020 1:36:00 PM

Received Date: 4/10/2020 8:25:00 AM Lab ID: 2004515-023 Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	JMT
Chloride	ND	60		mg/Kg	20	4/14/2020 6:10:27 PM	51782
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS					Analyst	JME
Diesel Range Organics (DRO)	ND	9.0		mg/Kg	1	4/16/2020 8:57:16 AM	51849
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	4/16/2020 8:57:16 AM	51849
Surr: DNOP	82.9	55,1-146		%Rec	1	4/16/2020 8:57:16 AM	51849
EPA METHOD 8015D: GASOLINE RANGE						Analyst	NSB
Gasoline Range Organics (GRO)	ND	25	D	mg/Kg	5	4/15/2020 1:44:43 AM	51738
Surr: BFB	92.8	66.6-105	D	%Rec	5	4/15/2020 1:44:43 AM	51738
EPA METHOD 8021B: VOLATILES						Analyst	: NSB
Benzene	ND	0.12	D	mg/Kg	5	4/15/2020 1:44:43 AM	51738
Toluene	ND	0.25	D	mg/Kg	5	4/15/2020 1:44:43 AM	51738
Ethylbenzene	ND	0.25	D	mg/Kg	5	4/15/2020 1:44:43 AM	51738
Xylenes, Total	ND	0.50	D	mg/Kg	5	4/15/2020 1:44:43 AM	51738
Surr: 4-Bromofluorobenzene	97.5	80-120	D	%Rec	5	4/15/2020 1:44:43 AM	51738

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- Sample Diluted Due to Matrix D
- Holding times for preparation or analysis exceeded H.
- Not Detected at the Reporting Limit ND
- PQL Practical Quantitative Limit
- % Recovery outside of range due to dilution or matrix

- Analyte detected in the associated Method Blank
- Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

WO#: 2004515

20-Apr-20

Client:

Souder, Miller & Associates

Project:

Ford State 001

Sample ID: MB-51782

SampType: mblk

TestCode: EPA Method 300.0: Anions

Client ID: PBS

Batch ID: 51782

RunNo: 68129

Prep Date: 4/14/2020

Analysis Date: 4/14/2020

SeqNo: 2355256

Units: mg/Kg

Analyte

HighLimit

Qual

Chloride

Result ND 1.5

SampType: Ics

TestCode: EPA Method 300.0: Anions

Client ID: LCSS

Sample ID: LCS-51782

Batch ID: 51782

PQL

RunNo: 68129

Units: mg/Kg

Prep Date: 4/14/2020

Analysis Date: 4/14/2020

SeqNo: 2355257

RPDLimit

Analyte

Result

SPK value SPK Ref Val %REC LowLimit

94.2

HighLimit

Chloride

14

%RPD

RPDLimit

SPK value SPK Ref Val %REC LowLimit

90

110

1.5 15.00 0

Qualifiers:

H

Value exceeds Maximum Contaminant Level

Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit

POL Practical Quantitative Limit

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

Value above quantitation range

Analyte detected below quantitation limits

Sample pH Not In Range

Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

WO#: 2004515

20-Apr-20

Client:

Souder, Miller & Associates

Sample ID: LCS-51740	SampT	ype: LC	S	Tes	tCode: El	PA Method	8015M/D: Die	sel Range	Organics	
Client ID: LCSS	Batch	ID: 51	740	F	RunNo: 6	8050				
Prep Date: 4/11/2020	Analysis D	ate: 4/	12/2020	5	SeqNo: 2	352100	Units: mg/K	g		
Bara sa	Result	PQL		SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Analyte Diesel Range Organics (DRO)	47	10	50.00	0	94.2	70	130			
Surr. DNOP	4.0		5.000		79.6	55.1	146			
Sample ID: MB-51740	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8015M/D: Die	sel Range	Organics	
Client ID: PBS	Batch	1D: 51	740	F	RunNo: 6	8050				
Prep Date: 4/11/2020	Analysis D	Date: 4/	12/2020	\$	SeqNo: 2	352102	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	5.9		10.00		59.3	55,1	146			
Sample ID: MB-51742	SampT	ype: ME	BLK	Tes	tCode: E	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: PBS	Batcl	n ID: 51	742		RunNo: 6	8052				
Prep Date: 4/11/2020	Analysis D	Date: 4/	13/2020		SeqNo: 2	352273	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.2		10.00		81.7	55.1	146			
Sample ID: LCS-51742	Samp	Type: LC	s	Tes	tCode: E	PA Method	8015M/D: Die	esel Rang	e Organics	
Client ID: LCSS	Bato	h ID: 51	742	1	RunNo: 6	8052				
Prep Date: 4/11/2020	Analysis I	Date: 4	/13/2020		SeqNo: 2	352274	Units: mg/K	g		
	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Analyte Diesel Range Organics (DRO)	49	10	-127 % Transfer	0	97.6	70	130	70111		
Surr: DNOP	4.8	1,5	5.000		96.4	55.1	146			
			- 7200		Service of		********		12.00.00	
Sample ID: 2004515-008AM		Type: M					8015M/D: Di	esel Rang	e Organics	
Client ID: S3-2'	Batc	h ID: 51	742		RunNo: 6	8052				
Prep Date: 4/11/2020	Analysis [Date: 4	/13/2020		SeqNo: 2	2352276	Units: mg/F	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	110	10	49.95	64.98	97.9	47.4	136			

Qualifiers:

- Value exceeds Maximum Contaminant Level
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded.
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Lin

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Hall Environmental Analysis Laboratory, Inc.

WO#:

2004515

20-Apr-20

Client:

Souder, Miller & Associates

Project:

Ford State 001

Sample ID: 2004515-008AMSD Client ID: S3-2* Prep Date: 4/11/2020	SampTyp Batch I Analysis Dat	D: 51 7		F	tCode; El RunNo: 6 SegNo: 2	8052	8015M/D: Die		e Organics	
Analyte	Result	PQL	7.77.88.70.7	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	110	9.8	48.78	64.98	95.4	47.4	136	2.11	43.4	
Surr: DNOP	5.4		4.878		110	55.1	146	0	0	
Sample ID: MB-51849	SampTy	oe: MB	ILK	Tes	tCode: E	PA Method	8015M/D: Die	esel Rang	e Organics	
Client ID: PBS	Batch I	D: 518	349	F	RunNo: 6	8131				
Prep Date: 4/16/2020	Analysis Da	te: 4/	16/2020	5	SegNo: 2	356515	Units: mg/K	(g		
NAME OF TAXABLE PARTY.										

Prep Date: 4/16/2020	rep Date: 4/16/2020 Analysis Date: 4/16/2020				SeqNo: 2	356515	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr; DNOP	8.7		10.00		86.8	55.1	146			

Sample ID: LCS-51849	SampT	ype: LC	S	Tes	tCode: El	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: LCSS	Batch	h ID: 51	849	F	RunNo: 6	8131				
Prep Date: 4/16/2020	Analysis D	Date: 4/	16/2020	8	SeqNo: 2	356517	Units: mg/k	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46	10	50.00	0	92.5	70	130			
Sur: DNOP	4.3		5.000		85.7	55.1	146			

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit.
- PQL Practical Quantitative Limit
 - S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

23

1000

5.0

25.00

1000

WO#: 2004515 20-Apr-20

Client:

Souder, Miller & Associates

Project:

Gasoline Range Organics (GRO)

Surr: BFB

Ford State 001

Sample ID: mb-51735	SampT	ype: MI	BLK	Tes	tCode: El	PA Method	8015D: Gaso	line Rang	е	
Client ID: PBS	Batci	n ID: 51	735	F	RunNo: 6	8118				
Prep Date: 4/11/2020	Analysis D	Date: 4	/14/2020	8	eqNo: 2	354646	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	970		1000		96.6	66.6	105			
Sample ID: Ics-51735	Samp	ype: LC	cs	Tes	tCode: El	PA Method	8015D: Gaso	line Rang	e	
Client ID: LCSS	Batc	h ID: 51	735	F	RunNo: 6	8118				
Prep Date: 4/11/2020	Analysis D	Date: 4	/14/2020	5	SeqNo: 2	354647	Units: mg/k	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Sample ID: mb-51738	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8015D: Gaso	line Rang	е	
Client ID: PBS	Batch	1D: 51	738	F	RunNo: 6	8118				
Prep Date: 4/11/2020	Analysis D	ate: 4/	14/2020	5	SeqNo: 2	354670	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	970		1000		97.3	66.6	105			

0

90.6

104

120

105

80

66.6

Sample ID: Ics-51738 Client ID: LCSS	0.00	ype: LC			tCode: E RunNo: 6		8015D: Gaso	oline Rang	е	
Prep Date: 4/11/2020	Analysis D		14/2020		SeqNo: 2		Units: mg/K	ζg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	5.0	25.00	0	87.8	80	120			
Surr. BFB	1100		1000		106	66.6	105			S

Sample ID: 2004515-009ams	SampT	ype: MS	3	Tes	tCode: El	PA Method	8015D: Gaso	line Rang	е	
Client ID: \$3-3*	Batch	ID: 51	738	F	RunNo: 6	8118				
Prep Date: 4/11/2020	Analysis D	ate: 4/	14/2020	5	SeqNo: 2	354674	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	5.0	24.98	0	89.0	69.1	142			
Sum: BFB	1100		999.0		109	66.6	105			S

Sample ID: 2004515-009	9amsd SampT	ype: M	SD	Tes	tCode: E	PA Method	8015D: Gaso	line Rang	е	
Client ID: S3-3'	Batch	ID: 51	1738	F	RunNo: (68118				
Prep Date: 4/11/2020	Analysis D	ate: 4	/14/2020	S	SeqNo: 2	2354675	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND. Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S "« Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- F Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

WO#: 2004515

20-Apr-20

Client:

Souder, Miller & Associates

Project:

Ford State 001

TestCode: EPA Method 8015D: Gasoline Range Sample ID: 2004515-009amsd SampType: MSD Batch ID: 51738 RunNo: 68118 Client ID: \$3-3' SeqNo: 2354675 Units: mg/Kg Prep Date: 4/11/2020 Analysis Date: 4/14/2020 %RPD SPK value SPK Ref Val %REC LowLimit HighLimit **RPDLimit** Qual PQL Analyte 82.0 9.22 20 4.9 24.73 Gasoline Range Organics (GRO) 108 66.6 105 0 0 S Surr BFB 1100 989.1

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded.
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix.

- B Analyte detected in the associated Method Blank
- Value above quantitation range
- I Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

WO#:

2004515 20-Apr-20

Client: Souder, Miller & Associates

Ford State 001 Project:

TestCode: EPA Method 8021B: Volatiles SampType: MBLK Sample ID: mb-51735

Batch ID: 51735 RunNo: 68086 Client ID: PBS

SeqNo: 2353636 Units: %Rec Analysis Date: 4/13/2020 Prep Date: 4/11/2020

%RPD **RPDLimit** Qual SPK value SPK Ref Val %REC LowLimit HighLimit PQL Analyte

1,000 0.99 Surr: 4-Bromofluorobenzene

TestCode: EPA Method 8021B: Volatiles Sample ID: LCS-51735 SampType: LCS

Batch ID: 51735 RunNo: 68086 Client ID: LCSS

SeqNo: 2353637 Units: %Rec Prep Date: 4/11/2020 Analysis Date: 4/13/2020

%RPD **RPDLimit** SPK value SPK Ref Val %REC HighLimit Qual Analyte Result PQL 1.000 100

Surr: 4-Bromofluorobenzene 10 SampType: MBLK TestCode: EPA Method 8021B: Volatiles Sample ID: mb-51738

Batch ID: 51738 RunNo: 68086 Client ID: PBS

SeqNo: 2353660 Prep Date: 4/11/2020 Analysis Date: 4/13/2020 Units: mg/Kg

RPDLimit Qual PQL SPK value SPK Ref Val %REC LowLimit HighLimit Analyte

ND 0.025 Benzene Toluene ND 0.050 ND 0.050 Ethylbenzene 0.10 Xylenes, Total ND

98.3 80 120 0.98 1.000 Surr: 4-Bromofluorobenzene

TestCode: EPA Method 8021B: Volatiles Sample ID: LCS-51738 SampType: LCS

RunNo: 68086 Client ID: LCSS Batch ID: 51738

Prep Date: 4/11/2020	Analysis [Date: 4/	13/2020	5	SeqNo: 2	353661	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.89	0.025	1.000	0	89.0	80	120			
Toluene	0.91	0.050	1.000	0	91.4	80	120			
Ethylbenzene	0.94	0.050	1.000	0	94.3	80	120			
Xylenes, Total	2.8	0.10	3.000	0	94.0	80	120			
Surr: 4-Bromofluorobenzene	0.99		1.000		98.6	80	120			

Sample ID: 2004515-008ams SampType: MS TestCode: EPA Method 8021B: Volatiles

RunNo: 68086 Batch ID: 51738 Client ID: \$3-2'

Prep Date: 4/11/2020	Analysis D	Date: 4/	13/2020	5	SeqNo: 2	353663	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	0.97	0.098	0.9833	0	99.1	21.6	180			
Benzene	0.88	0.025	0.9833	0	89.4	78.5	119			
Toluene	0.90	0.049	0.9833	0.01325	90.2	75.7	123			
Ethylbenzene	0.93	0.049	0.9833	0	94.2	74.3	126			

Qualifiers:

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded 14

Not Detected at the Reporting Limit ND

Practical Quantitative Limit POL

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

Value above quantitation range

Analyte detected below quantitation limits

Sample pH Not In Range

RL Reporting Limit Page 29 of 30

Hall Environmental Analysis Laboratory, Inc.

WO#: 2004515

20-Apr-20

Client:

Souder, Miller & Associates

Project:

Ford State 001

TestCode: EPA Method 8021B: Volatiles SampType: MS Sample ID: 2004515-008ams Batch ID: 51738 RunNo: 68086 Client ID: S3-2' SeqNo: 2353663 Units: mg/Kg Analysis Date: 4/13/2020 Prep Date: 4/11/2020 HighLimit %RPD **RPDLimit** SPK value SPK Ref Val %REC LowLimit Qual Result PQL Analyte 2.950 0.01909 93.4 72.9 2.8 0.098 Xylenes, Total 99.6 80 120 0.9833 Surr: 4-Bromofluorobenzene 0.98

Sample ID: 2004515-008ams	d Samp1	ype: MS	SD	Tes	tCode: El	PA Method	8021B: Volat	tiles		
Client ID: \$3-2' Prep Date: 4/11/2020	Batci Analysis D	n ID: 51	738 13/2020		RunNo: 6 SeqNo: 2	37353	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.90	0.025	0.9911	0	90.6	78.5	119	2.15	20	
Toluene	0.92	0.050	0.9911	0.01325	91.9	75.7	123	2.62	20	
Ethylbenzene	0.95	0.050	0.9911	0	95.4	74.3	126	2.03	20	
Xylenes, Total	2.8	0.099	2.973	0.01909	95.1	72.9	130	2,56	20	
Surr: 4-Bromofluorobenzene	0.98		0.9911		99.4	80	120	0	0	

Qualifiers:

- Value exceeds Maximum Contaminant Level
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4102 Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name:	SMA-CARLSBAD	Work Order Number:	2004	4515			RcptNo	o: 1
Received By	Isaiah Ortiz	4/10/2020 8:25:00 AM			In	0	4	
Completed By:	Desiree Dominguez	4/10/2020 9:45:10 AM			17			
Reviewed By:	LB	4/10/20				2		
Chain of Cus	stody							
1. Is Chain of C	ustody sufficiently complete	?	Yes	~	No I		Not Present	
2. How was the	sample delivered?		Cou	rier				
Log In								
	npt made to cool the sample	s?	Yes	~	No [NA 🗆	
4. Were all sam	ples received at a temperatu	re of >0° C to 6.0°C	Yes	V	No [NA 🗆	
5. Sample(s) in	proper container(s)?		Yes	v	No I			
6. Sufficient san	nple volume for indicated tes	t(s)?	Yes	~	No [
7. Are samples	(except VOA and ONG) prop	erly preserved?	Yes	~	No [
8. Was preserva	ative added to bottles?		Yes		No N	1	NA 🗆	
9. Received at le	east 1 vial with headspace <	1/4" for AQ VOA?	Yes		No [1	NA 🗸	
10, Were any sar	mple containers received bro	ken?	Yes		No 5	V	# of preserved	
	ork match bottle labels?		Yes	~	No [bottles checked for pH:	
	ancies on chain of custody)	of Custodia	Yes		No [Adjusted?	or >12 unless noted)
	correctly identified on Chain at analyses were requested?	or Custody?	Yes		No [
14. Were all hold	ing times able to be met?		Yes		No [Checked by:	26 A/10/50
	ling (if applicable)							
	otified of all discrepancies wi	th this order?	Yes		No		NA 🗹	
Person	Notified	Date:	_	_		-		
By Wh	om:	Via:	eM	ail	Phone	Fax	In Person	
Regard	ding:							
Client I	Instructions							
16. Additional re	emarks							
17. Cooler Info Cooler No	o Temp °C Condition	Seal Intact Seal No S Not Present	Seal D	ate	Signed B	у		

Page 1 of 1

Client:	SMI		ustody Record	⊈ SI	andaro		O .										MEN		
	Address	S:		4	d S	tate #1	201					is NE	- Al	buqu	erqu 505-	al.com e, NM 8 345-410			
Phone				Project	ct Mana	naor:			0		-		-		i veq				
QA/QC Star	77 (17)		☐ Level 4 (Full Validation)	As	hley	Maxu	vell	TMB's (8021)	DRO / MRO)	32 PCB's	_	8270SIMS	9, PO4, SO4			(Present/Absent)			
Accred ☐ NEL	litation:	☐ Az Co	ompliance	Samp On Ice		SO S Yes	□ No	1	~	/808	1.40	-	NO ₂		F	Pres		1 1	
	(Type)	- Othe			oolers		L 140	H /	GR	ides	9d 5(100	tals 10 ₃ .		9	E			
	(.)μο/				2-2-71		40.1 (c) 4x (°C)	MTBE	15D(stic	etho	y 83	Br, NO ₃ .	OA)	emi	Coliform			
Date	Time	Matrix	Sample Name	Conta		Preservative Type		BTEX /	TPH:8015D(GRO	8081 Pesticides/8082	EDB (Method 504.1)	PAHs by 8310	CI, F. Br. NO ₃ .	8260 (VOA)	8270 (Semi-VOA)	Total Co			
418 /20	10 56	Scil	51-2'	40	7	Cool	-001		X										
	11.02		51-4'				- 602												
	11:08		51-61				-003												
	11 40		SI-11'				- 004												
	11:52		52-21				- 005												
	11:56		52-41				- 00le												
	12:00		52-51				F00 -												
	12:13		53-21				-008												
	12:19		53-31				- 009												
	12:20		53-41				-010												
	10:38		55-21				- 011												
T	10:45	T	55-31		L _	T	-012		1										
Date:	Time:	Relinquis		Receiv	ed by) Via:	Date Time		nark:										

J	hain	-ot-C	Chain-of-Custody Record		of the same	4	I			<u> </u>	2		HALL ENVIDONMENTAL	INTE
Client:	SMA	A		Z Standard	Rush			U	AN	1	SIS	8	ANALYSIS LABORATORY	TOR
				Project Name:	ö				www	hallen	ironn	www.hallenvironmental.com	E	
Mailing	Mailing Address:	S:		Ford	State	# 001	49	4901 Hawkins NE	vkins N	E - A	enbnc	rque, Ni	- Albuquerque, NM 87109	
				Project #:			F	Tel. 505-345-3975	345-39	75	Fax 5	Fax 505-345-4107	4107	
Phone #:	#:									Ana	ysis h	Analysis Request		
email o	email or Fax#:			Project Manager:	iger:					*OS		(tue		
QA/QC Packa	QA/QC Package:	9	☐ Level 4 (Full Validation)	Ashlew	Merxine	11	S08) e't	bcB,a	SMIS0	PO4, 5		əsdA\tn		
Accreditation:	itation:	□ Az Co	□ Az Compliance	Sampler:	3			280		105				
□ NELAC	AC	□ Other			Se Yes	□ No		8/8		_				
	□ EDD (Type)			# of Coolers:	4.3-401	CF 70		əpi		-	_			
				Cooler Temp(including CF):	(including CF);	(o.)	_	oitsəc				77.7		
Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	ADDYS/S	X3T8 8:H9T	1808	EDB (RCRA Cl∂F,	928) 0728 Total (
418120	10.47	Soil	14-58	402	Cool	-013	×)				
	12:43		1-08			h10-	~							
	5h:21		56-21			510-	×							
	12:53		14-95			910-	×							
	12.30		57-11			£10-	×							
	12:30		57-21			310 -	\prec							
	12 35		14-75			610-	\times							
	1.23		SWI			020 -	×			×				
	137		SWZ			120-	\times			\times				
	1:31		SW3			720 -	×			X				
-)	250	-	+MS	Н	7	220-	×			×				
Dale:		Relinquished by:	0	Received by	Via:	Pate Time	Remarks:	S:						
Date:		Relinquished by:	ned by:	Recepted by:	Via:	\F								
1/9/20	90	101		131	3	200000000000000000000000000000000000000	1							



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

March 10, 2020

Ashley Maxwell Souder, Miller & Associates 201 S Halagueno Carlsbad, NM 88221 TEL: (575) 689-8801

FAX

RE: Ford State 001

OrderNo.: 2002D03

Dear Ashley Maxwell:

Hall Environmental Analysis Laboratory received 6 sample(s) on 2/29/2020 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order 2002D03

Date Reported: 3/10/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates

Project: Ford State 001

Lab ID: 2002D03-001

Client Sample ID: Comp (1)-1'

Collection Date: 2/28/2020 3:40:00 PM

Received Date: 2/29/2020 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	CAS
Chloride	74	60		mg/Kg	20	3/4/2020 10:54:39 PM	50887
EPA METHOD 8015M/D: DIESEL RANG	GE ORGANICS					Analyst:	BRM
Diesel Range Organics (DRO)	. 2300	190		mg/Kg	20	3/9/2020 12:07:42 PM	50842
Motor Oil Range Organics (MRO)	2400	970		mg/Kg	20	3/9/2020 12:07:42 PM	50842
Surr: DNOP	0	55.1-146	S	%Rec	20	3/9/2020 12:07:42 PM	50842
EPA METHOD 8015D: GASOLINE RAN	GE					Analyst:	RAA
Gasoline Range Organics (GRO)	69	23	D	mg/Kg	5	3/6/2020 12:07:54 PM	50833
Surr: BFB	170	66.6-105	SD	%Rec	5	3/6/2020 12:07:54 PM	50833
EPA METHOD 8021B: VOLATILES						Analyst:	RAA
Benzene	ND	0.12	D	mg/Kg	5	3/6/2020 12:07:54 PM	50833
Toluene	ND	0.23	D	mg/Kg	5	3/6/2020 12:07:54 PM	50833
Ethylbenzene	ND	0.23	D	mg/Kg	5	3/6/2020 12:07:54 PM	50833
Xylenes, Total	0.59	0.46	D	mg/Kg	5	3/6/2020 12:07:54 PM	50833
Surr: 4-Bromofluorobenzene	94.4	80-120	D	%Rec	5	3/6/2020 12:07:54 PM	50833

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery autside of range due to dilution or matrix
- B. Analyte detected in the associated Method Blank
- E Value above quantitation range
-) Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 1 of 10

Lab Order 2002D03

Date Reported: 3/10/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates

Project: Ford State 001

Lab ID: 2002D03-002

Client Sample ID: Comp (2)-1'

Collection Date: 2/28/2020 3:50:00 PM

Received Date: 2/29/2020 8:00:00 AM

	a constant						
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	CAS
Chloride	78	60		mg/Kg	20	3/4/2020 11:07:00 PM	50887
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS					Analyst	BRM
Diesel Range Organics (DRO)	60	9.7		mg/Kg	1	3/9/2020 12:47:20 PM	50842
Motor Oil Range Organics (MRO)	110	49		mg/Kg	1	3/9/2020 12:47:20 PM	50842
Surr: DNOP	89.4	55.1-146		%Rec	1	3/9/2020 12:47:20 PM	50842
EPA METHOD 8015D: GASOLINE RANGE						Analyst	RAA
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	3/6/2020 12:31:33 PM	50833
Surr: BFB	83.5	66.6-105		%Rec	1	3/6/2020 12:31:33 PM	50833
EPA METHOD 8021B: VOLATILES						Analyst	RAA
Benzene	ND	0.023		mg/Kg	1	3/6/2020 12:31:33 PM	50833
Toluene	ND	0.046		mg/Kg	1	3/6/2020 12:31:33 PM	50833
Ethylbenzene	ND	0.046		mg/Kg	1	3/6/2020 12:31:33 PM	50833
Xylenes, Total	ND	0.093		mg/Kg	1	3/6/2020 12:31:33 PM	50833
Surr: 4-Bromofluorobenzene	92.5	80-120		%Rec	1	3/6/2020 12:31:33 PM	50833

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

Value exceeds Maximum Contaminant Level

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quantitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

1 Analyte detected below quantitation limits

P Sample pH Not In Range

RL. Reporting Limit

Page 2 of 10

Lab Order 2002D03

Date Reported: 3/10/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates

Project: Ford State 001

Lab ID: 2002D03-003

Client Sample ID: S2-1'

Collection Date: 2/28/2020 1:35:00 PM

Received Date: 2/29/2020 8:00:00 AM

Date (D) 2002000 000	makes cars in these						
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	CAS
Chloride	130	60		mg/Kg	20	3/4/2020 11:19:21 PM	50887
EPA METHOD 8015M/D: DIESEL RANGE O	RGANICS					Analyst:	BRM
Diesel Range Organics (DRO)	3000	200		mg/Kg	20	3/9/2020 1:09:23 PM	50842
Motor Oil Range Organics (MRO)	3200	980		mg/Kg	20	3/9/2020 1:09:23 PM	50842
Surr: DNOP	0	55.1-146	S	%Rec	20	3/9/2020 1:09:23 PM	50842
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	RAA
Gasoline Range Organics (GRO)	ND	24	D	mg/Kg	5	3/6/2020 12:55:10 PM	50833
Surr: BFB	110	66.6-105	SD	%Rec	5	3/6/2020 12:55:10 PM	50833
EPA METHOD 8021B: VOLATILES						Analyst:	RAA
Benzene	ND	0.12	D	mg/Kg	5	3/6/2020 12:55:10 PM	50833
Toluene	ND	0.24	D	mg/Kg	5	3/6/2020 12:55:10 PM	50833
Ethylbenzene	ND	0.24	D	mg/Kg	5	3/6/2020 12:55:10 PM	50833
Xylenes, Total	ND	0.48	D	mg/Kg	5	3/6/2020 12:55:10 PM	50833
Surr: 4-Bromofluorobenzene	86.5	80-120	D	%Rec	5	3/6/2020 12:55:10 PM	50833

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- Value above quantitation range
- J Analyte detected below quantitation limits
- P. Sample pH Not In Range
- RL Reporting Limit

Page 3 of 10

Lab Order 2002D03

Date Reported: 3/10/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates

Project: Ford State 001

Lab ID: 2002D03-004

Client Sample ID: S4-1'

Collection Date: 2/28/2020 1:40:00 PM

Received Date: 2/29/2020 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	CAS
Chloride	ND	60		mg/Kg	20	3/4/2020 11:31:43 PM	50887
EPA METHOD 8015M/D: DIESEL RANGE OF	RGANICS					Analyst:	BRM
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	3/4/2020 9:27:35 PM	50842
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	3/4/2020 9:27:35 PM	50842
Surr: DNOP	87.9	55.1-146		%Rec	1	3/4/2020 9:27:35 PM	50842
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	RAA
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	3/6/2020 1:18:43 PM	50833
Surr: BFB	80.9	66.6-105		%Rec	1	3/6/2020 1:18:43 PM	50833
EPA METHOD 8021B: VOLATILES						Analyst:	RAA
Benzene	ND	0.023		mg/Kg	1	3/6/2020 1:18:43 PM	50833
Toluene	ND	0.046		mg/Kg	1	3/6/2020 1:18:43 PM	50833
Ethylbenzene	ND	0.046		mg/Kg	1	3/6/2020 1:18:43 PM	50833
Xylenes, Total	ND	0.092		mg/Kg	1	3/6/2020 1:18:43 PM	50833
Surr: 4-Bromofluorobenzene	90.2	80-120		%Rec	1	3/6/2020 1:18:43 PM	50833

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quantitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range.

Analyse detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 4 of 10

Project:

Lab ID:

Analytical Report

Lab Order 2002D03

Date Reported: 3/10/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates

Ford State 001

2002D03-005

Matrix: SOIL

Client Sample ID: S5-1'

Collection Date: 2/28/2020 2:00:00 PM

Received Date: 2/29/2020 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	CAS
Chloride	200	59		mg/Kg	20	3/4/2020 11:44:04 PM	50887
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS					Analyst	BRM
Diesel Range Organics (DRO)	69	9.8		mg/Kg	1	3/9/2020 1:53:39 PM	50842
Motor Oil Range Organics (MRO)	200	49		mg/Kg	1	3/9/2020 1:53:39 PM	50842
Surr: DNOP	89.0	55.1-146		%Rec	1	3/9/2020 1:53:39 PM	50842
EPA METHOD 8015D: GASOLINE RANGE						Analyst	RAA
Gasoline Range Organics (GRO)	ND	24	D	mg/Kg	5	3/6/2020 1:42:05 PM	50833
Surr: BFB	78.3	66.6-105	D	%Rec	5	3/6/2020 1:42:05 PM	50833
EPA METHOD 8021B: VOLATILES						Analyst	RAA
Benzene	ND	0.12	D	mg/Kg	5	3/6/2020 1:42:05 PM	50833
Toluene	ND	0.24	D	mg/Kg	5	3/6/2020 1:42:05 PM	50833
Ethylbenzene	ND	0.24	D	mg/Kg	5	3/6/2020 1:42:05 PM	50833
Xylenes, Total	ND	0.48	D	mg/Kg	5	3/6/2020 1:42:05 PM	50833
Surr: 4-Bromofluorobenzene	87.1	80-120	D	%Rec	5	3/6/2020 1:42:05 PM	50833

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E. Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 5 of 10

Lab Order 2002D03

Date Reported: 3/10/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates

Project: Ford State 001

Lab ID:

2002D03-006 Matrix: SOIL

Client Sample ID: S8-1'

Collection Date: 2/28/2020 2:38:00 PM

Received Date: 2/29/2020 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	CAS
Chloride	140	60		mg/Kg	20	3/4/2020 11:56:26 PM	50887
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Analyst:	BRM
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	3/4/2020 9:45:46 PM	50842
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	3/4/2020 9:45:46 PM	50842
Surr: DNOP	99.3	55.1-146		%Rec	1	3/4/2020 9:45:46 PM	50842
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	RAA
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	3/6/2020 2:05:27 PM	50833
Surr: BFB	80.1	66.6-105		%Rec	1	3/6/2020 2:05:27 PM	50833
EPA METHOD 8021B: VOLATILES						Analyst:	RAA
Benzene	ND	0.024		mg/Kg	1	3/6/2020 2:05:27 PM	50833
Toluene	ND	0.048		mg/Kg	1	3/6/2020 2:05:27 PM	50833
Ethylbenzene	ND	0.048		mg/Kg	1	3/6/2020 2:05:27 PM	50833
Xylenes, Total	ND	0.096		mg/Kg	1	3/6/2020 2:05:27 PM	50833
Surr: 4-Bromofluorobenzene	88.2	80-120		%Rec	1	3/6/2020 2:05:27 PM	50833

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 6 of 10

Hall Environmental Analysis Laboratory, Inc.

WO#: 2002D03

10-Mar-20

Client:

Souder, Miller & Associates

Project:

Ford State 001

SampType: mblk

TestCode: EPA Method 300.0: Anions

Sample ID: MB-50887 Client ID: PBS

Batch ID: 50887

1.5

RunNo: 67015

Prep Date: 3/4/2020

Analysis Date: 3/4/2020

SeqNo: 2307606

Units: mg/Kg

RPDLimit

Qual

Analyte Chloride

Result PQL SPK value SPK Ref Val %REC LowLimit

HighLimit

%RPD

ND

Sample ID: LCS-50887

SampType: Ics Batch ID: 50887

RunNo: 67015

Client ID: LCSS Prep Date: 3/4/2020

Analysis Date: 3/4/2020

SeqNo: 2307607

Units: mg/Kg

HighLimit

Analyte

Result PQL

SPK value SPK Ref Val %REC LowLimit

91.1

0

%RPD

Chloride

14

15.00

1.5

TestCode: EPA Method 300.0: Anions

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit ND POL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix

- Analyte detected in the associated Method Blank
- Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

WO#; 2002D03

10-Mar-20

Client:

Souder, Miller & Associates

Sample ID: LCS-50842	SampType: LCS	TestCode: EPA Method	8015M/D: Diesel Range Org	ganics
Client ID: LCSS	Batch ID: 50842	RunNo: 67011		
	Analysis Date: 3/4/2020	SeqNo: 2306911	Units: mg/Kg	
Prep Date: 3/3/2020				
Analyte	1100011	SPK Ref Val %REC LowLimit	11911	DLimit Qual
Diesel Range Organics (DRO)	42 10 50.00	0 84.8 70	130	
Surr: DNOP	4.6 5.000	92.2 55.1	146	
Sample ID: MB-50842	SampType: MBLK	TestCode: EPA Method	8015M/D: Diesel Range Org	ganics
Client ID: PBS	Batch ID: 50842	RunNo: 67011		
Prep Date: 3/3/2020	Analysis Date: 3/4/2020	SeqNo: 2306913	Units: mg/Kg	
The state of the s		SBK B-4V-L NASC Landinit	HighLimit %RPD RF	PDLimit Qual
Analyte		SPK Ref Val %REC LowLimit	HighLimit %RPD RF	DLIMIT Quar
Diesel Range Organics (DRO)	ND 10			
Motor Oil Range Organics (MRO)	ND 50	105 55.1	146	
Surr: DNOP	11 10.00	105 55.1	140	
Sample ID: LCS-50931	SampType: LCS	TestCode: EPA Method	ganics	
Client ID: LCSS	Batch ID: 50931	RunNo: 67107		
Prep Date: 3/6/2020	Analysis Date: 3/9/2020	SeqNo: 2312091	Units: %Rec	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RF	PDLimit Qual
Surr: DNOP	4.3 5.000	85.8 55.1	146	
Sample ID: MB-50931	SampType: MBLK	TestCode: EPA Method	8015M/D: Diesel Range Or	ganics
Client ID: PBS	Batch ID: 50931	RunNo: 67107		
Prep Date: 3/6/2020	Analysis Date: 3/9/2020	SeqNo: 2312093	Units: %Rec	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RF	PDLimit Qual
and the second s		91.5 55.1	146	

Qualifiers:

- Value exceeds Maximum Contaminant Level
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- F Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 8 of 10

Hall Environmental Analysis Laboratory, Inc.

WO#:

2002D03 10-Mar-20

Client:

Souder, Miller & Associates

Project:

Ford State 001

Sample ID: mb-50833						PA Method	8015D: Gaso	line Rang	е	
Client ID: PBS	Batch	Batch ID: 50833			RunNo: 6	7050				
Prep Date: 3/3/2020	Analysis Date: 3/6/2020			S	SeqNo: 2	307829	Units: mg/K			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	840		1000		83.5	66.6	105			

Sample ID: Ics-50833	SampT	ype: LC	S	Tes	tCode: El	PA Method	8015D: Gaso	line Rang	е	
Client ID: LCSS	Batch	1D: 50	833	F	RunNo: 6	7050				
Prep Date: 3/3/2020	Analysis D	ate: 3/	6/2020	5	SeqNo: 2	307830	Units: mg/k	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	21	5.0	25.00	0	82.2	80	120			
Surr: BFB	880		1000		87.8	66.6	105			

Qualifiers:

- Value exceeds Maximum Contaminant Level
- Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded Not Detected at the Reporting Limit
- ND
- PQL Practical Quantitative Limit
 - % Recovery outside of range due to dilution or matrix

- Analyte detected in the associated Method Blank
- Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range
- Reporting Limit

Page 9 of 10

Hall Environmental Analysis Laboratory, Inc.

WO#: 20

2002D03 10-Mar-20

Client:

Souder, Miller & Associates

Project:

Ford State 001

Sample ID: mb-50833 Client ID: PBS	SampType: MBLK Batch ID: 50833 Analysis Date: 3/6/2020			F	tCode: El RunNo: 6 SeaNo: 2	7050	Units: mg/Kg						
Prep Date: 3/3/2020 Analyte	Result	PQL		SPK Ref Val	%REC		HighLimit	%RPD	RPDLimit	Qual			
Benzene	ND	0.025											
Toluene	ND	0.050											
Ethylbenzene	ND	0.050											
Xylenes, Total	ND	0.10											
Surr: 4-Bromofluorobenzene	0.92		1.000		92.2	80	120						

Sampl	Type: LC	S	Tes						
Batc	h ID: 50	833	F	RunNo: 6	7050				
Analysis E	Date: 3/	6/2020	5	SeqNo: 2	307877	Units: mg/K	(g		
Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
0.97	0.025	1.000	0	97.3	80	120			
1.0	0.050	1.000	0	100	80	120			
1.0	0.050	1.000	0	102	80	120			
tal 3.1 0.10 3.000		0	102	80	120				
0.96		1.000		95.7	80	120			
	Result 0.97 1.0 1.0 3.1	Batch ID: 50 Analysis Date: 3/ Result PQL 0.97 0.025 1.0 0.050 1.0 0.050 3.1 0.10	Result PQL SPK value 0.97 0.025 1.000 1.0 0.050 1.000 1.0 0.050 1.000 3.1 0.10 3.000	Batch ID: 50833 F Analysis Date: 3/6/2020 S Result PQL SPK value SPK Ref Val 0.97 0.025 1.000 0 1.0 0.050 1.000 0 1.0 0.050 1.000 0 3.1 0.10 3.000 0	Batch ID: 50833 RunNo: 6 Analysis Date: 3/6/2020 SeqNo: 2 Result PQL SPK value SPK Ref Val %REC 0.97 0.025 1.000 0 97.3 1.0 0.050 1.000 0 100 1.0 0.050 1.000 0 102 3.1 0.10 3.000 0 102	Batch ID: 50833 RunNo: 67050 Analysis Date: 3/6/2020 SeqNo: 2307877 Result PQL SPK value SPK Ref Val %REC LowLimit 0.97 0.025 1.000 0 97.3 80 1.0 0.050 1.000 0 100 80 1.0 0.050 1.000 0 102 80 3.1 0.10 3.000 0 102 80	Batch ID: 50833 RunNo: 67050 Analysis Date: 3/6/2020 SeqNo: 2307877 Units: mg/K Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit 0.97 0.025 1.000 0 97.3 80 120 1.0 0.050 1.000 0 100 80 120 1.0 0.050 1.000 0 102 80 120 3.1 0.10 3.000 0 102 80 120	Batch ID: 50833 RunNo: 67050 Analysis Date: 3/6/2020 SeqNo: 2307877 Units: mg/Ky Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD 0.97 0.025 1.000 0 97.3 80 120 1.0 0.050 1.000 0 100 80 120 1.0 0.050 1.000 0 102 80 120 3.1 0.10 3.000 0 102 80 120	Batch ID: 50833 RunNo: 67050 Analysis Date: 3/6/2020 SeqNo: 2307877 Units: mg/Kg Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit 0.97 0.025 1.000 0 97.3 80 120 1.0 0.050 1.000 0 100 80 120 1.0 0.050 1.000 0 102 80 120 3.1 0.10 3.000 0 102 80 120

Qualifiers:

- Value exceeds Maximum Contammant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
 - S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107

Sample Log-In Check List

Website: www.hallenvironmental.com RcptNo: 1 Work Order Number: 2002D03 Client Name: SMA-CARLSBAD in us Received By: Erin Melendrez 2/29/2020 8:00:00 AM uns. 2/29/2020 11:29:12 AM Completed By: Erin Melendrez 3/2/20 Reviewed By: |-Chain of Custody No 🗌 Not Present Yes V 1. Is Chain of Custody sufficiently complete? 2. How was the sample delivered? Courier Log In Yes V No 🗌 NA L 3. Was an attempt made to cool the samples? NA 🗆 No L Were all samples received at a temperature of >0° C to 6.0°C Yes 🗸 Yes V No [5. Sample(s) in proper container(s)? No 🗌 6. Sufficient sample volume for indicated test(s)? No Yes V 7. Are samples (except VOA and ONG) properly preserved? Yes 🗌 No V NA [8. Was preservative added to bottles? NA V No 🗌 Yes 9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes No V 10. Were any sample containers received broken? # of preserved bottles checked Yes V No [for pH: 11. Does paperwork match bottle labels? (<2 or >12 unless noted) (Note discrepancies on chain of custody) Adjusted? No 🗌 Yes V 12. Are matrices correctly identified on Chain of Custody? Yes V No 🗌 13 Is it clear what analyses were requested? Checked by: DAD 3/2/20 No 🗌 Yes V 14. Were all holding times able to be met? (If no, notify customer for authorization.) Special Handling (if applicable) Yes 🗌 No 🗌 NA V 15. Was client notified of all discrepancies with this order? Person Notified: Date: eMail Phone Fax In Person By Whom: Via: Regarding: Client Instructions: Additional remarks: 17. Cooler Information Cooler No Temp °C Condition Seal Intact | Seal No | Seal Date Signed By 3.8 Good

Page 1 of 1

1.4

Good

2



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

June 23, 2020

Ashley Maxwell Souder, Miller & Associates 201 S Halagueno Carlsbad, NM 88221

TEL: (575) 689-8801 FAX: (505) 327-1496

RE: Ford State #1 OrderNo.: 2006854

Dear Ashley Maxwell:

Hall Environmental Analysis Laboratory received 1 sample(s) on 6/17/2020 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman

Laboratory Manager

andyl

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order 2006854

Date Reported: 6/23/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates

Project: Ford State #1

Lab ID: 2006854-001

Client Sample ID: S5-5'

Collection Date: 6/15/2020 10:30:00 AM

Received Date: 6/17/2020 9:10:00 AM

ero de la companya del companya de la companya del companya de la							
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	CAS
Chloride	ND	60		mg/Kg	20	6/21/2020 11:52:40 PM	53209
EPA METHOD 8015M/D: DIESEL RANGE C	RGANICS					Analyst:	BRM
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	6/19/2020 10:21:15 PM	53169
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	6/19/2020 10:21:15 PM	53169
Surr: DNOP	90.0	55.1-146		%Rec	1	6/19/2020 10:21:15 PM	53169
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	RAA
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/20/2020 1:33:50 AM	53137
Surr: BFB	81.0	66.6-105		%Rec	1	6/20/2020 1:33:50 AM	53137
EPA METHOD 8021B: VOLATILES						Analyst:	RAA
Benzene	ND	0.024		mg/Kg	1	6/20/2020 1:33:50 AM	53137
Toluene	ND	0.048		mg/Kg	1	6/20/2020 1:33:50 AM	53137
Ethylbenzene	ND	0.048		mg/Kg	1	6/20/2020 1:33:50 AM	53137
Xylenes, Total	ND	0.097		mg/Kg	1	6/20/2020 1:33:50 AM	53137
Surr: 4-Bromofluorobenzene	105	80-120		%Rec	1	6/20/2020 1:33:50 AM	53137

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information,

Qualifiers:

- Value exceeds Maximum Contaminant Level
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL. Reporting Limit

Page 1 of 5

Hall Environmental Analysis Laboratory, Inc.

2006854 WO#: 23-Jun-20

Client:

Souder, Miller & Associates

Project:

Ford State #1

Sample ID: MB-53209

SampType: mblk

TestCode: EPA Method 300.0: Anions

Client ID: PBS

Batch ID: 53209

RunNo: 69792

Prep Date: 6/21/2020 Analysis Date: 6/21/2020

SeqNo: 2423510

SPK value SPK Ref Val %REC LowLimit

SPK value SPK Ref Val %REC LowLimit

Units: mg/Kg HighLimit

RPDLimit %RPD

Qual

Analyte Chloride

ND

Sample ID: LCS-53209

SampType: Ics Batch ID: 53209 TestCode: EPA Method 300.0: Anions RunNo: 69792

Client ID: LCSS 6/21/2020

SeqNo: 2423511

Units: mg/Kg

Analysis Date: 6/21/2020 PQL

1.5

HighLimit

%RPD **RPDLimit** Qual

94.3

Analyte

Prep Date:

Result 14

15.00

Chloride

1.5

110

Qualifiers:

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix.

Holding times for preparation or analysis exceeded H

ND Not Detected at the Reporting Limit Practical Quantitative Limit POL

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

Value above quantitation range

Analyte detected below quantitation limits

Sample pH Not In Range

RL Reporting Limit Page 2 of 5

Hall Environmental Analysis Laboratory, Inc.

2006854 WO#;

23-Jun-20

Client:

Souder, Miller & Associates

Sample ID: LCS-53169	SampTyp	e: LC	S	Tes	tCode: El	PA Method	8015M/D: Die:	sel Range	e Organics	
Client ID: LCSS	Batch	D: 53	169	F	RunNo: 6	9757				
Prep Date: 6/19/2020	Analysis Dat	e: 6/	19/2020	5	SeqNo: 2	421977	Units: mg/Kg	,		
Control of the Contro								%RPD	RPDLimit	Qual
Analyte	10.46.36.0	PQL	_ FW 12-0-10-06	SPK Ref Val		LowLimit	HighLimit	%RPD	RPDLIMIL	Quai
Diesel Range Organics (DRO)	51	10	50.00	0	102 88.0	70	130 146			
Surr: DNOP	4.4		5.000		88.0	55.1	146			
Sample ID: MB-53169	SampTyp	e: ME	BLK	Tes	tCode: El	PA Method	8015M/D: Die	sel Range	e Organics	
Client ID: PBS	Batch I	D: 53	169	F	RunNo: 6	9757				
Prep Date: 6/19/2020	Analysis Dat	le: 6/	19/2020	5	SeqNo: 2	421979	Units: mg/Kg	3		
	Result	PQL	CDV value	SPK Ref Val	W. DEC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Analyte	ND	10	SPR value	SFK Kei vai	70INEC	LOWLINIC	riightiint	70111111	N DEIIII	Qua
Diesel Range Organics (DRO) Motor Oil Range Organics (MRO)	ND	50								
Surr. DNOP	9.6	50	10.00		95.6	55.1	146			
Suit. DNOP	9.0		10.00		55.5	5011				
Sample ID: LCS-53187	SampTy	e: LC	s	Tes	sel Rang	e Organics				
Client ID: LCSS	Batch I	D: 53	187	F	RunNo: 6	9768				
Prep Date: 6/19/2020	Analysis Da	te: 6/	20/2020		SeqNo: 2	422440	Units: %Rec			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	6.5		5.000		131	55.1	146			
Sample ID: MB-53187	SampTy	pe: ME	BLK	Tes	tCode: E	PA Method	8015M/D: Die	sel Rang	e Organics	
Client ID: PBS	Batch I	D: 53	187		RunNo: 6	9768				
Prep Date; 6/19/2020	Analysis Da	te: 6/	20/2020		SeqNo: 2	422443	Units: %Rec			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	12		10.00		115	55.1	146			

Qualifiers:

- Value exceeds Maximum Contaminant Level
- Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit ND
- PQL Practical Quantitative Limit
- % Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

- Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

Page 3 of 5

Hall Environmental Analysis Laboratory, Inc.

WO#: 2006854

23-Jun-20

Client: Soude

Souder, Miller & Associates

830

Project: Fo

Surr: BFB

Ford State #1

Sample ID: Ics-53137 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

1000

Client ID: LCSS Batch ID: 53137 RunNo: 69769

Prep Date: 6/17/2020 Analysis Date: 6/19/2020 SeqNo: 2422183 Units: mg/Kg

%RPD SPK value SPK Ref Val %REC LowLimit HighLimit **RPDLimit** Qual Result PQL Analyte 23 25.00 90.8 80 Gasoline Range Organics (GRO) 910 1000 90.9 66.6 105 Surr: BFB

TestCode: EPA Method 8015D: Gasoline Range SampType: MBLK Sample ID: mb-53137 Batch ID: 53137 RunNo: 69769 Client ID: PBS SeqNo: 2422184 Prep Date: 6/17/2020 Analysis Date: 6/19/2020 Units: mg/Kg SPK value SPK Ref Val %REC LowLimit **RPDLimit** Qual HighLimit %RPD Analyte Result PQL Gasoline Range Organics (GRO) ND 5.0

83.2

66.6

105

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quantitative Lunit

% Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

F Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 4 of 5

Hall Environmental Analysis Laboratory, Inc.

WO#: 2006854

23-Jun-20

Client: Souder, Miller & Associates

Project: Ford State #1

Sample ID: LCS-53137 Client ID: LCSS		Гуре: LC h ID: 53		1.55	Code: El		8021B: Volat	iles		
Prep Date: 6/17/2020	Analysis [seqNo: 2	113	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.98	0.025	1.000	0	97.6	80	120			
Toluene	1.0	0.050	1.000	0	101	80	120			
Ethylbenzene	1.0	0.050	1.000	0	99.8	80	120			
Xylenes, Total			3.000	0	101	80	120			
Surr: 4-Bromofluorobenzene	1.1	1.1 1.000			107	80	120			

Sample ID: mb-53137	Samp	ype: ME	BLK	Tes	tCode: E	PA Method	8021B: Volat	tiles		
Client ID: PBS	Batc	h ID: 53	137	F	RunNo: 6	9769				
Prep Date: 6/17/2020	Analysis Date: 6/19/2020				SeqNo: 2	422215	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.1		1.000		107	80	120			

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- F Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 5 of 5



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109

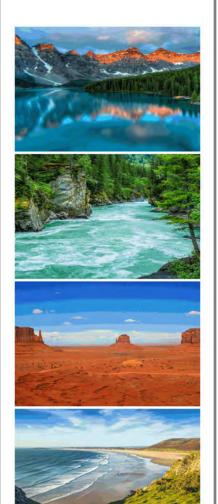
TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name:	Souder, Miller & Associates	Work Order Numb	per: 200	6854		RcptNo:	1
Received By:	Emily Mocho	6/17/2020 9:10:00 /	AM				
Completed By:	Juan Rojas	6/17/2020 9:58:23	AM		Harring		
Reviewed By:	Em 6/17/2	.0					
Chain of Cus	stody						
	Custody complete?		Yes	~	No 🗌	Not Present	
2. How was the	e sample delivered?		Cou	rier			
Log In							
	mpt made to cool the sa	mples?	Yes	~	No 🗌	NA 🗆	
4. Were all sam	nples received at a temp	erature of >0° C to 6.0°C	Yes	V	No 🗆	NA \square	
5. Sample(s) in	proper container(s)?		Yes	v	No 🗆		
6, Sufficient sar	mple volume for indicate	d test(s)?	Yes	V	No 🗌		
7. Are samples	(except VOA and ONG)	properly preserved?	Yes	~	No 🗌		
8. Was preserv	ative added to bottles?		Yes		No 🔽	NA 🗌	
9. Received at I	least 1 vial with headspa	ce <1/4" for AQ VOA?	Yes		No 🗆	NA 🗹	70
10. Were any sa	ample containers receive	d broken?	Yes		No 🗹	# of preserved	1100
	work match bottle labels?		Yes	V	No 🗆	bottles checked for pH:	>12 unless noted)
	correctly identified on C		Yes	~	No 🗆	Adjusted?	
	at analyses were reques		Yes	~	No 🗌		
14. Were all hold	ding times able to be me	1?	Yes	V	No 🗌	Checked by:	
Special Hand	lling (if applicable)						
	notified of all discrepance		Yes		No 🗌	NA 🗹	
Person	n Notified:	Date		_			
By Wh	nom:	Via:	☐ eM	ail	Phone Fax	n Person	
Regar	ding:						
Client	Instructions:						
16. Additional r	emarks:						
17. Cooler Info	ormation						
Cooler N	the state of the s	on Seal Intact Seal No	Seal D	ate	Signed By	1	
1	3.4 Good						

Client:			stody Record	Turn-Around Standard	Time: 5dau)	E										RAT		
51007.1804	SM	H		Project Name													EM II	UK	
Mailing A	Address	:		Ford S	State #	<u>t</u>		490)1 H				nviro Albuq			om IM 871	09		
				Project #:				Te	1. 50	5-34	5-39		_			-4107			
Phone #													alysi	s Re			4		7
QA/QC F	Package:	ebestio	n Over C Sademiller	Project Mana	iger:	11	TMB's (8021)	/MRO)	CB's		SIMS	6	PO4, 9O4		Total Coliform (Present/Absent)				
Stan Accredi			☐ Level 4 (Full Validation)	FISH (C) Sampler:	j Nlaxi SQ	ell	TMB's	/ DRO	8082 P	4.1)	r 8270SIMS	9	NO.	3	resent				
□ NEL		□ Othe		On Ice: # of Coolers:	-	□ No	3E/	GRC	des/	d 50	100	tals	ő	9	E E				
□ EDD	(Type)		_		O(including CF): 3.	4±0=34 (°C)	ME	5D(stici	etho	/ 83	Me	Br, NO3,	ime	olifor				
Date	Pate Time Matrix Sample Name		Container Type and #	Preservative Type	HEAL No.	BTEXX MTBE	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or	RCRA 8 Metals	COPF, Br, N	8270 (Semi-VOA)	Total Co					
			55 -51	1-402	Cuel	-001	X	X					X						
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Date:	Time:qt	Relinquis	hed by:	Received by:	Via:	Date Time 6/16/20 1300	Rei	mark	s:										

Report to:
Gio Gomez



5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Ford State #1

Work Order: E403139

Job Number: 21064-0001

Received: 3/15/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 3/21/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 3/21/24

Gio Gomez PO Box 247 Plains, TX 79355-0247

Project Name: Ford State #1

Workorder: E403139

Date Received: 3/15/2024 6:45:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/15/2024 6:45:00AM, under the Project Name: Ford State #1.

The analytical test results summarized in this report with the Project Name: Ford State #1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman

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Sample Summary

Γ	Pima Environmental Services-Carlsbad	Project Name:	Ford State #1	Donoutode
l	PO Box 247	Project Number:	21064-0001	Reported:
l	Plains TX, 79355-0247	Project Manager:	Gio Gomez	03/21/24 15:18

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
P1 -2'	E403139-01A	Soil	03/07/24	03/15/24	Glass Jar, 2 oz.
P1 -6'	E403139-02A	Soil	03/07/24	03/15/24	Glass Jar, 2 oz.
P2 -2'	E403139-03A	Soil	03/07/24	03/15/24	Glass Jar, 2 oz.
P2 -6'	E403139-04A	Soil	03/07/24	03/15/24	Glass Jar, 2 oz.
P3 -2'	E403139-05A	Soil	03/07/24	03/15/24	Glass Jar, 2 oz.
P3 -6'	E403139-06A	Soil	03/07/24	03/15/24	Glass Jar, 2 oz.
P4 -2'	E403139-07A	Soil	03/07/24	03/15/24	Glass Jar, 2 oz.
P4 -6'	E403139-08A	Soil	03/07/24	03/15/24	Glass Jar, 2 oz.
P5 -2'	E403139-09A	Soil	03/07/24	03/15/24	Glass Jar, 2 oz.
P5 -6'	E403139-10A	Soil	03/07/24	03/15/24	Glass Jar, 2 oz.
P6 -2'	E403139-11A	Soil	03/07/24	03/15/24	Glass Jar, 2 oz.
P6 -6'	E403139-12A	Soil	03/07/24	03/15/24	Glass Jar, 2 oz.
P7 -2'	E403139-13A	Soil	03/07/24	03/15/24	Glass Jar, 2 oz.
P7 -6'	E403139-14A	Soil	03/07/24	03/15/24	Glass Jar, 2 oz.
P8 -2'	E403139-15A	Soil	03/07/24	03/15/24	Glass Jar, 2 oz.
P8 -6'	E403139-16A	Soil	03/07/24	03/15/24	Glass Jar, 2 oz.
P9 -2'	E403139-17A	Soil	03/07/24	03/15/24	Glass Jar, 2 oz.
P9 -6'	E403139-18A	Soil	03/07/24	03/15/24	Glass Jar, 2 oz.
SW1 -Surface	E403139-19A	Soil	03/07/24	03/15/24	Glass Jar, 2 oz.
SW2 -Surface	E403139-20A	Soil	03/07/24	03/15/24	Glass Jar, 2 oz.
SW3 -Surface	E403139-21A	Soil	03/07/24	03/15/24	Glass Jar, 2 oz.
SW4 -Surface	E403139-22A	Soil	03/07/24	03/15/24	Glass Jar, 2 oz.
SW5 -Surface	E403139-23A	Soil	03/07/24	03/15/24	Glass Jar, 2 oz.
SW6 -Surface	E403139-24A	Soil	03/07/24	03/15/24	Glass Jar, 2 oz.
SW7 -Surface	E403139-25A	Soil	03/07/24	03/15/24	Glass Jar, 2 oz.



Pima Environmental Services-Carlsbad	Project Name:	Ford State #1	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	3/21/2024 3:18:38PM

P1 -2' E403139-01

		2.00107 01					
Analyte	Result	Reporting Limit		ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	•		Batch: 2411140
Benzene	ND	0.0250		1	03/15/24	03/19/24	
Ethylbenzene	ND	0.0250		1	03/15/24	03/19/24	
Toluene	ND	0.0250		1	03/15/24	03/19/24	
o-Xylene	ND	0.0250		1	03/15/24	03/19/24	
p,m-Xylene	ND	0.0500		1	03/15/24	03/19/24	
Total Xylenes	ND	0.0250	:	1	03/15/24	03/19/24	
Surrogate: Bromofluorobenzene		110 %	70-130		03/15/24	03/19/24	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130		03/15/24	03/19/24	
Surrogate: Toluene-d8		107 %	70-130		03/15/24	03/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2411140
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	03/15/24	03/19/24	
Surrogate: Bromofluorobenzene		110 %	70-130		03/15/24	03/19/24	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130		03/15/24	03/19/24	
Surrogate: Toluene-d8		107 %	70-130		03/15/24	03/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: KM		Batch: 2411146
Diesel Range Organics (C10-C28)	ND	25.0	:	1	03/15/24	03/18/24	
Oil Range Organics (C28-C36)	ND	50.0		1	03/15/24	03/18/24	
Surrogate: n-Nonane		98.5 %	50-200		03/15/24	03/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: WF		Batch: 2412039
Chloride	ND	20.0		1	03/19/24	03/20/24	



Pima Environmental Services-Carlsbad	Project Name:	Ford State #1	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	3/21/2024 3:18:38PM

P1 -6' E403139-02

		Reporting					
Analyte	Result	Limit	Dilu	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2411140
Benzene	ND	0.0250		1	03/15/24	03/19/24	
Ethylbenzene	ND	0.0250		1	03/15/24	03/19/24	
Toluene	ND	0.0250		1	03/15/24	03/19/24	
o-Xylene	ND	0.0250		1	03/15/24	03/19/24	
p,m-Xylene	ND	0.0500		1	03/15/24	03/19/24	
Total Xylenes	ND	0.0250		1	03/15/24	03/19/24	
Surrogate: Bromofluorobenzene		109 %	70-130		03/15/24	03/19/24	
Surrogate: 1,2-Dichloroethane-d4		94.2 %	70-130		03/15/24	03/19/24	
Surrogate: Toluene-d8		108 %	70-130		03/15/24	03/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2411140
Gasoline Range Organics (C6-C10)	ND	20.0	:	1	03/15/24	03/19/24	
Surrogate: Bromofluorobenzene		109 %	70-130		03/15/24	03/19/24	
Surrogate: 1,2-Dichloroethane-d4		94.2 %	70-130		03/15/24	03/19/24	
Surrogate: Toluene-d8		108 %	70-130		03/15/24	03/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2411146
Diesel Range Organics (C10-C28)	ND	25.0		1	03/15/24	03/18/24	
Oil Range Organics (C28-C36)	ND	50.0		1	03/15/24	03/18/24	
Surrogate: n-Nonane		102 %	50-200		03/15/24	03/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2412039
Chloride	ND	20.0		1	03/19/24	03/20/24	



Pima Environmental Services-Carlsbad	Project Name:	Ford State #1	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	3/21/2024 3:18:38PM

P2 -2' E403139-03

		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2411140
Benzene	ND	0.0250		1	03/15/24	03/19/24	
Ethylbenzene	ND	0.0250		1	03/15/24	03/19/24	
Toluene	ND	0.0250		1	03/15/24	03/19/24	
o-Xylene	ND	0.0250		1	03/15/24	03/19/24	
p,m-Xylene	ND	0.0500		1	03/15/24	03/19/24	
Total Xylenes	ND	0.0250	·	1	03/15/24	03/19/24	
Surrogate: Bromofluorobenzene		110 %	70-130		03/15/24	03/19/24	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130		03/15/24	03/19/24	
Surrogate: Toluene-d8		108 %	70-130		03/15/24	03/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2411140
Gasoline Range Organics (C6-C10)	ND	20.0		1	03/15/24	03/19/24	
Surrogate: Bromofluorobenzene		110 %	70-130		03/15/24	03/19/24	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130		03/15/24	03/19/24	
Surrogate: Toluene-d8		108 %	70-130		03/15/24	03/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2411146
Diesel Range Organics (C10-C28)	ND	25.0		1	03/15/24	03/18/24	
Oil Range Organics (C28-C36)	ND	50.0		1	03/15/24	03/18/24	
Surrogate: n-Nonane		98.3 %	50-200		03/15/24	03/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2412039
Chloride	ND	20.0		1	03/19/24	03/20/24	

Pima Environmental Services-Carlsbad	Project Name:	Ford State #1	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	3/21/2024 3:18:38PM

P2 -6' E403139-04

	_	Reporting	_			
Analyte	Result	Limit	Dilut	tion Prepare	d Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: RKS		Batch: 2411140
Benzene	ND	0.0250	1	03/15/2	4 03/19/24	
Ethylbenzene	ND	0.0250	1	03/15/2	4 03/19/24	
Toluene	ND	0.0250	1	03/15/2	4 03/19/24	
o-Xylene	ND	0.0250	1	03/15/2	4 03/19/24	
p,m-Xylene	ND	0.0500	1	03/15/2	4 03/19/24	
Total Xylenes	ND	0.0250	1	03/15/2	4 03/19/24	
Surrogate: Bromofluorobenzene		110 %	70-130	03/15/2	4 03/19/24	
Surrogate: 1,2-Dichloroethane-d4		93.0 %	70-130	03/15/2	4 03/19/24	
Surrogate: Toluene-d8		108 %	70-130	03/15/2	4 03/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2411140
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/15/2	4 03/19/24	
Surrogate: Bromofluorobenzene		110 %	70-130	03/15/2	4 03/19/24	
Surrogate: 1,2-Dichloroethane-d4		93.0 %	70-130	03/15/2	4 03/19/24	
Surrogate: Toluene-d8		108 %	70-130	03/15/2	4 03/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KM		Batch: 2411146
Diesel Range Organics (C10-C28)	ND	25.0	1	03/15/2	4 03/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/15/2	4 03/18/24	
Surrogate: n-Nonane	·	103 %	50-200	03/15/2	4 03/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: WF		Batch: 2412039

Pima Environmental Services-Carlsbad	Project Name:	Ford State #1	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	3/21/2024 3:18:38PM

P3 -2' E403139-05

		2.00107 00					
Analyte	Result	Reporting Limit	Dilu	tion Pre	pared	Analyzed	Notes
	mg/kg	mg/kg		Analyst: RKS	r	<i>y</i> 200	Batch: 2411140
Volatile Organic Compounds by EPA 8260B	ND	0.0250	1	-	15/24	03/19/24	Batch. 2411140
Benzene	ND ND	0.0250	1		15/24	03/19/24	
Ethylbenzene Toluene	ND ND	0.0250	1		15/24	03/19/24	
	ND ND	0.0250	1		15/24	03/19/24	
o-Xylene	ND ND	0.0230	1		15/24	03/19/24	
p,m-Xylene Total Xylenes	ND	0.0300	1		15/24	03/19/24	
Surrogate: Bromofluorobenzene		107 %	70-130	03/.	15/24	03/19/24	
Surrogate: 1,2-Dichloroethane-d4		92.8 %	70-130	03/	15/24	03/19/24	
Surrogate: Toluene-d8		105 %	70-130	03/	15/24	03/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: RKS			Batch: 2411140
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/	15/24	03/19/24	
Surrogate: Bromofluorobenzene		107 %	70-130	03/	15/24	03/19/24	
Surrogate: 1,2-Dichloroethane-d4		92.8 %	70-130	03/	15/24	03/19/24	
Surrogate: Toluene-d8		105 %	70-130	03/	15/24	03/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	ı	Analyst: KM			Batch: 2411146
Diesel Range Organics (C10-C28)	ND	25.0	1	03/	15/24	03/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/	15/24	03/18/24	
Surrogate: n-Nonane		100 %	50-200	03/	15/24	03/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: WF			Batch: 2412039
Chloride	ND	20.0	1	03/	19/24	03/20/24	



Pima Environmental Services-Carlsbad	Project Name:	Ford State #1	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	3/21/2024 3:18:38PM

P3 -6' E403139-06

Analyte	Result	Reporting Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: RKS		Batch: 2411140
Benzene	ND	0.0250	1	03/15/24	03/19/24	
Ethylbenzene	ND	0.0250	1	03/15/24	03/19/24	
Toluene	ND	0.0250	1	03/15/24	03/19/24	
o-Xylene	ND	0.0250	1	03/15/24	03/19/24	
p,m-Xylene	ND	0.0500	1	03/15/24	03/19/24	
Total Xylenes	ND	0.0250	1	03/15/24	03/19/24	
Surrogate: Bromofluorobenzene		107 %	70-130	03/15/24	03/19/24	
Surrogate: 1,2-Dichloroethane-d4		93.9 %	70-130	03/15/24	03/19/24	
Surrogate: Toluene-d8		106 %	70-130	03/15/24	03/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: RKS		Batch: 2411140
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/15/24	03/19/24	
Surrogate: Bromofluorobenzene		107 %	70-130	03/15/24	03/19/24	
Surrogate: 1,2-Dichloroethane-d4		93.9 %	70-130	03/15/24	03/19/24	
Surrogate: Toluene-d8		106 %	70-130	03/15/24	03/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: KM		Batch: 2411146
Diesel Range Organics (C10-C28)	ND	25.0	1	03/15/24	03/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/15/24	03/18/24	
Surrogate: n-Nonane		99.9 %	50-200	03/15/24	03/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: WF		Batch: 2412039
Chloride	ND	20.0	1	03/19/24	03/20/24	



Pima Environmental Services-Carlsbad	Project Name:	Ford State #1	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	3/21/2024 3:18:38PM

P4 -2' E403139-07

		2.0010, 0.					
	D. I	Reporting			D 1		N
Analyte	Result	Limit	Dilt	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg		Analyst:	RKS		Batch: 2411140
Benzene	ND	0.0250		1	03/15/24	03/19/24	
Ethylbenzene	ND	0.0250		1	03/15/24	03/19/24	
Toluene	ND	0.0250		1	03/15/24	03/19/24	
o-Xylene	ND	0.0250		1	03/15/24	03/19/24	
p,m-Xylene	ND	0.0500		1	03/15/24	03/19/24	
Total Xylenes	ND	0.0250		1	03/15/24	03/19/24	
Surrogate: Bromofluorobenzene		106 %	70-130		03/15/24	03/19/24	
Surrogate: 1,2-Dichloroethane-d4		92.6 %	70-130		03/15/24	03/19/24	
Surrogate: Toluene-d8		106 %	70-130		03/15/24	03/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2411140
Gasoline Range Organics (C6-C10)	ND	20.0		1	03/15/24	03/19/24	
Surrogate: Bromofluorobenzene		106 %	70-130		03/15/24	03/19/24	
Surrogate: 1,2-Dichloroethane-d4		92.6 %	70-130		03/15/24	03/19/24	
Surrogate: Toluene-d8		106 %	70-130		03/15/24	03/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2411146
Diesel Range Organics (C10-C28)	ND	25.0		1	03/15/24	03/18/24	_
Oil Range Organics (C28-C36)	ND	50.0	:	1	03/15/24	03/18/24	
Surrogate: n-Nonane		89.3 %	50-200		03/15/24	03/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2412039
Chloride	ND	20.0		1	03/19/24	03/20/24	

Pima Environmental Services-Carlsbad	Project Name:	Ford State #1	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	3/21/2024 3:18:38PM

P4 -6' E403139-08

		2.0010, 00					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Anaryte	Result	Limit	Diit	шин	rrepared	Anaryzeu	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg		Analyst:	RKS		Batch: 2411140
Benzene	ND	0.0250		1	03/15/24	03/19/24	
Ethylbenzene	ND	0.0250		1	03/15/24	03/19/24	
Toluene	ND	0.0250		1	03/15/24	03/19/24	
o-Xylene	ND	0.0250		1	03/15/24	03/19/24	
p,m-Xylene	ND	0.0500		1	03/15/24	03/19/24	
Total Xylenes	ND	0.0250		1	03/15/24	03/19/24	
Surrogate: Bromofluorobenzene		107 %	70-130		03/15/24	03/19/24	
Surrogate: 1,2-Dichloroethane-d4		94.0 %	70-130		03/15/24	03/19/24	
Surrogate: Toluene-d8		108 %	70-130		03/15/24	03/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2411140
Gasoline Range Organics (C6-C10)	ND	20.0		1	03/15/24	03/19/24	
Surrogate: Bromofluorobenzene		107 %	70-130		03/15/24	03/19/24	
Surrogate: 1,2-Dichloroethane-d4		94.0 %	70-130		03/15/24	03/19/24	
Surrogate: Toluene-d8		108 %	70-130		03/15/24	03/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2411146
Diesel Range Organics (C10-C28)	ND	25.0		1	03/15/24	03/18/24	
Oil Range Organics (C28-C36)	ND	50.0		1	03/15/24	03/18/24	
Surrogate: n-Nonane		101 %	50-200		03/15/24	03/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2412039
Chloride	ND	20.0		1	03/19/24	03/20/24	

Pima Environmental Services-Carlsbad	Project Name:	Ford State #1	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	3/21/2024 3:18:38PM

P5 -2' E403139-09

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2411140
Benzene	ND	0.0250	1	1	03/15/24	03/19/24	
Ethylbenzene	ND	0.0250	1	1	03/15/24	03/19/24	
Toluene	ND	0.0250	1	1	03/15/24	03/19/24	
o-Xylene	ND	0.0250	1	1	03/15/24	03/19/24	
p,m-Xylene	ND	0.0500	1	1	03/15/24	03/19/24	
Total Xylenes	ND	0.0250	1	1	03/15/24	03/19/24	
Surrogate: Bromofluorobenzene		109 %	70-130		03/15/24	03/19/24	
Surrogate: 1,2-Dichloroethane-d4		94.6 %	70-130		03/15/24	03/19/24	
Surrogate: Toluene-d8		107 %	70-130		03/15/24	03/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2411140
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	03/15/24	03/19/24	
Surrogate: Bromofluorobenzene		109 %	70-130		03/15/24	03/19/24	
Surrogate: 1,2-Dichloroethane-d4		94.6 %	70-130		03/15/24	03/19/24	
Surrogate: Toluene-d8		107 %	70-130		03/15/24	03/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2411146
Diesel Range Organics (C10-C28)	ND	25.0	1	1	03/15/24	03/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	03/15/24	03/18/24	
Surrogate: n-Nonane		99.6 %	50-200		03/15/24	03/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2412039
	ND	20.0	1		03/19/24	03/20/24	

Pima Environmental Services-Carlsbad	Project Name:	Ford State #1	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	3/21/2024 3:18:38PM

P5 -6' E403139-10

		2.0010, 10					
Analyta	Result	Reporting Limit		ution	Duomonod	Analyzed	Notes
Analyte	Result	Limit	Dili	ution	Prepared	Anaiyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg		Analyst:	RKS		Batch: 2411140
Benzene	ND	0.0250		1	03/15/24	03/19/24	
Ethylbenzene	ND	0.0250		1	03/15/24	03/19/24	
Toluene	ND	0.0250		1	03/15/24	03/19/24	
o-Xylene	ND	0.0250		1	03/15/24	03/19/24	
p,m-Xylene	ND	0.0500		1	03/15/24	03/19/24	
Total Xylenes	ND	0.0250		1	03/15/24	03/19/24	
Surrogate: Bromofluorobenzene		107 %	70-130		03/15/24	03/19/24	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130		03/15/24	03/19/24	
Surrogate: Toluene-d8		107 %	70-130		03/15/24	03/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2411140
Gasoline Range Organics (C6-C10)	ND	20.0		1	03/15/24	03/19/24	
Surrogate: Bromofluorobenzene		107 %	70-130		03/15/24	03/19/24	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130		03/15/24	03/19/24	
Surrogate: Toluene-d8		107 %	70-130		03/15/24	03/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2411146
Diesel Range Organics (C10-C28)	ND	25.0		1	03/15/24	03/18/24	_
Oil Range Organics (C28-C36)	ND	50.0		1	03/15/24	03/18/24	
Surrogate: n-Nonane		96.0 %	50-200		03/15/24	03/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2412039
Chloride	ND	20.0		1	03/19/24	03/20/24	_



Pima Environmental Services-Carlsbad	Project Name:	Ford State #1	
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Plains TX, 79355-0247	Project Manager:	Gio Gomez	3/21/2024 3:18:38PM

P6 -2' E403139-11

Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2411140
Benzene	ND	0.0250	1	03/15/24	03/19/24	
Ethylbenzene	ND	0.0250	1	03/15/24	03/19/24	
Toluene	ND	0.0250	1	03/15/24	03/19/24	
o-Xylene	ND	0.0250	1	03/15/24	03/19/24	
p,m-Xylene	ND	0.0500	1	03/15/24	03/19/24	
Total Xylenes	ND	0.0250	1	03/15/24	03/19/24	
Surrogate: Bromofluorobenzene		105 %	70-130	03/15/24	03/19/24	
Surrogate: 1,2-Dichloroethane-d4		92.9 %	70-130	03/15/24	03/19/24	
Surrogate: Toluene-d8		106 %	70-130	03/15/24	03/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2411140
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/15/24	03/19/24	
Surrogate: Bromofluorobenzene		105 %	70-130	03/15/24	03/19/24	
Surrogate: 1,2-Dichloroethane-d4		92.9 %	70-130	03/15/24	03/19/24	
Surrogate: Toluene-d8		106 %	70-130	03/15/24	03/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KM		Batch: 2411146
Diesel Range Organics (C10-C28)	ND	25.0	1	03/15/24	03/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/15/24	03/18/24	
Surrogate: n-Nonane		100 %	50-200	03/15/24	03/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: WF		Batch: 2412039
Chloride	ND	20.0	1	03/19/24	03/20/24	

Pima Environmental Services-Carlsbad	Project Name:	Ford State #1	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	3/21/2024 3:18:38PM

P6 -6' E403139-12

Result			on Prepared	Analyzed	Notes
Result	Lillit	Diluti	он терагеи	Anaryzeu	Notes
mg/kg	mg/kg	A	nalyst: RKS		Batch: 2411140
ND	0.0250	1	03/15/24	03/19/24	
ND	0.0250	1	03/15/24	03/19/24	
ND	0.0250	1	03/15/24	03/19/24	
ND	0.0250	1	03/15/24	03/19/24	
ND	0.0500	1	03/15/24	03/19/24	
ND	0.0250	1	03/15/24	03/19/24	
	107 %	70-130	03/15/24	03/19/24	
	93.2 %	70-130	03/15/24	03/19/24	
	107 %	70-130	03/15/24	03/19/24	
mg/kg	mg/kg	A	nalyst: RKS		Batch: 2411140
ND	20.0	1	03/15/24	03/19/24	
	107 %	70-130	03/15/24	03/19/24	
	93.2 %	70-130	03/15/24	03/19/24	
	107 %	70-130	03/15/24	03/19/24	
mg/kg	mg/kg	A	nalyst: KM		Batch: 2411146
ND	25.0	1	03/15/24	03/18/24	
ND	50.0	1	03/15/24	03/18/24	
	100 %	50-200	03/15/24	03/18/24	
mg/kg	mg/kg	A	nalyst: WF		Batch: 2412039
ND	20.0	1	03/19/24	03/20/24	
	ND Mg/kg ND Mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 IO7 % 93.2 % 107 % 93.2 % IO7 % 93.2 % IO7 % 107 % mg/kg mg/kg ND 25.0 ND 50.0 IO0 % mg/kg mg/kg mg/kg	mg/kg mg/kg A ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 107 % 70-130 70-130 93.2 % 70-130 1 107 % 70-130 93.2 % 70-130 93.2 % 70-130 1 107 % 70-130 1 mg/kg mg/kg A ND 25.0 1 ND 50.0 1 100 % 50-200	Result Limit Dilution Prepared mg/kg mg/kg Analyst: RKS ND 0.0250 1 03/15/24 ND 0.0250 1 03/15/24 ND 0.0250 1 03/15/24 ND 0.0250 1 03/15/24 ND 0.0500 1 03/15/24 ND 0.0250 1 03/15/24 ND 0.0250 1 03/15/24 ND 0.0250 1 03/15/24 ND 70-130 03/15/24 93.2 % 70-130 03/15/24 Mg/kg mg/kg Analyst: RKS ND 20.0 1 03/15/24 93.2 % 70-130 03/15/24 93.2 % 70-130 03/15/24 107 % 70-130 03/15/24 mg/kg mg/kg Analyst: KM ND 25.0 1 03/15/24 ND 50.0 1 03/15/24	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 03/15/24 03/19/24 ND 0.0500 1 03/15/24 03/19/24 ND 0.0250 1 03/15/24 03/19/24 ND 0.0250 1 03/15/24 03/19/24 ND 0.0250 1 03/15/24 03/19/24 93.2 % 70-130 03/15/24 03/19/24 mg/kg mg/kg Analyst: RKS ND 20.0 1 03/15/24 03/19/24 107 % 70-130 03/15/24 03/19/24 93.2 % 70-130 03/15/24 03/19/24 107 % 70-130 03/15/24 03/19/24 mg/kg



Pima Environmental Services-Carlsbad	Project Name:	Ford State #1	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	3/21/2024 3:18:38PM

P7 -2' E403139-13

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst:	RKS		Batch: 2411140
Benzene	ND	0.0250	1		03/15/24	03/19/24	
Ethylbenzene	ND	0.0250	1		03/15/24	03/19/24	
Toluene	ND	0.0250	1		03/15/24	03/19/24	
o-Xylene	ND	0.0250	1		03/15/24	03/19/24	
p,m-Xylene	ND	0.0500	1		03/15/24	03/19/24	
Total Xylenes	ND	0.0250	1		03/15/24	03/19/24	
Surrogate: Bromofluorobenzene		108 %	70-130		03/15/24	03/19/24	
Surrogate: 1,2-Dichloroethane-d4		94.2 %	70-130		03/15/24	03/19/24	
Surrogate: Toluene-d8		106 %	70-130		03/15/24	03/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst:	RKS		Batch: 2411140
Gasoline Range Organics (C6-C10)	ND	20.0	1		03/15/24	03/19/24	
Surrogate: Bromofluorobenzene		108 %	70-130		03/15/24	03/19/24	
Surrogate: 1,2-Dichloroethane-d4		94.2 %	70-130		03/15/24	03/19/24	
Surrogate: Toluene-d8		106 %	70-130		03/15/24	03/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst:	KM		Batch: 2411146
Diesel Range Organics (C10-C28)	ND	25.0	1		03/15/24	03/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1		03/15/24	03/18/24	
Surrogate: n-Nonane		102 %	50-200		03/15/24	03/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst:	WF		Batch: 2412039
Chloride	ND	20.0	1		03/19/24	03/20/24	

Pima Environmental Services-Carlsbad	Project Name:	Ford State #1	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	3/21/2024 3:18:38PM

P7 -6' E403139-14

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst:	RKS		Batch: 2411140
Benzene	ND	0.0250	1		03/15/24	03/19/24	
Ethylbenzene	ND	0.0250	1		03/15/24	03/19/24	
Toluene	ND	0.0250	1		03/15/24	03/19/24	
o-Xylene	ND	0.0250	1		03/15/24	03/19/24	
p,m-Xylene	ND	0.0500	1		03/15/24	03/19/24	
Total Xylenes	ND	0.0250	1		03/15/24	03/19/24	
Surrogate: Bromofluorobenzene		109 %	70-130		03/15/24	03/19/24	
Surrogate: 1,2-Dichloroethane-d4		90.7 %	70-130		03/15/24	03/19/24	
Surrogate: Toluene-d8		109 %	70-130		03/15/24	03/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst:	RKS		Batch: 2411140
Gasoline Range Organics (C6-C10)	ND	20.0	1		03/15/24	03/19/24	
Surrogate: Bromofluorobenzene		109 %	70-130		03/15/24	03/19/24	
Surrogate: 1,2-Dichloroethane-d4		90.7 %	70-130		03/15/24	03/19/24	
Surrogate: Toluene-d8		109 %	70-130		03/15/24	03/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst:	KM		Batch: 2411146
Diesel Range Organics (C10-C28)	ND	25.0	1		03/15/24	03/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1		03/15/24	03/18/24	
Surrogate: n-Nonane		103 %	50-200		03/15/24	03/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst:	WF		Batch: 2412039
Chloride	ND	20.0	1		03/19/24	03/20/24	

Pima Environmental Services-Carlsbad	Project Name:	Ford State #1	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	3/21/2024 3:18:38PM

P8 -2' E403139-15

	Reporting							
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2411140	
Benzene	ND	0.0250	1	1	03/15/24	03/19/24		
Ethylbenzene	ND	0.0250	1	1	03/15/24	03/19/24		
Toluene	ND	0.0250	1	1	03/15/24	03/19/24		
o-Xylene	ND	0.0250	1	1	03/15/24	03/19/24		
p,m-Xylene	ND	0.0500	1	1	03/15/24	03/19/24		
Total Xylenes	ND	0.0250	1	1	03/15/24	03/19/24		
Surrogate: Bromofluorobenzene		109 %	70-130		03/15/24	03/19/24		
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130		03/15/24	03/19/24		
Surrogate: Toluene-d8		106 %	70-130		03/15/24	03/19/24		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2411140	
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	03/15/24	03/19/24		
Surrogate: Bromofluorobenzene		109 %	70-130		03/15/24	03/19/24		
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130		03/15/24	03/19/24		
Surrogate: Toluene-d8		106 %	70-130		03/15/24	03/19/24		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2411146	
Diesel Range Organics (C10-C28)	ND	25.0	1	1	03/15/24	03/18/24		
Oil Range Organics (C28-C36)	ND	50.0	1	1	03/15/24	03/18/24		
Surrogate: n-Nonane		99.7 %	50-200		03/15/24	03/18/24		
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2412039	
					03/19/24	03/20/24		

Pima Environmental Services-Carlsbad	Project Name:	Ford State #1	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	3/21/2024 3:18:38PM

P8 -6' E403139-16

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst:	RKS		Batch: 2411140
Benzene	ND	0.0250	1		03/15/24	03/19/24	
Ethylbenzene	ND	0.0250	1		03/15/24	03/19/24	
Toluene	ND	0.0250	1		03/15/24	03/19/24	
o-Xylene	ND	0.0250	1		03/15/24	03/19/24	
p,m-Xylene	ND	0.0500	1		03/15/24	03/19/24	
Total Xylenes	ND	0.0250	1		03/15/24	03/19/24	
Surrogate: Bromofluorobenzene		105 %	70-130		03/15/24	03/19/24	
Surrogate: 1,2-Dichloroethane-d4		92.4 %	70-130		03/15/24	03/19/24	
Surrogate: Toluene-d8		106 %	70-130		03/15/24	03/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst:	RKS		Batch: 2411140
Gasoline Range Organics (C6-C10)	ND	20.0	1		03/15/24	03/19/24	
Surrogate: Bromofluorobenzene		105 %	70-130		03/15/24	03/19/24	
Surrogate: 1,2-Dichloroethane-d4		92.4 %	70-130		03/15/24	03/19/24	
Surrogate: Toluene-d8		106 %	70-130		03/15/24	03/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst:	KM		Batch: 2411146
Diesel Range Organics (C10-C28)	ND	25.0	1		03/15/24	03/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1		03/15/24	03/18/24	
Surrogate: n-Nonane		103 %	50-200		03/15/24	03/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst:	WF		Batch: 2412039
Chloride	ND	20.0	1		03/19/24	03/20/24	·

Pima Environmental Services-Carlsbad	Project Name:	Ford State #1	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	3/21/2024 3:18:38PM

P9 -2' E403139-17

		E403137-17					
Analyte	Result	Reporting Limit		ıtion	Prepared	Analyzed	Notes
Analyte	Resuit	Limit	Dilu	шоп	Frepared	Anaryzeu	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2411140
Benzene	ND	0.0250	1	1	03/15/24	03/19/24	
Ethylbenzene	ND	0.0250	1	1	03/15/24	03/19/24	
Toluene	ND	0.0250	1	1	03/15/24	03/19/24	
o-Xylene	ND	0.0250	1	1	03/15/24	03/19/24	
p,m-Xylene	ND	0.0500	1	1	03/15/24	03/19/24	
Total Xylenes	ND	0.0250	1	1	03/15/24	03/19/24	
Surrogate: Bromofluorobenzene		109 %	70-130		03/15/24	03/19/24	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130		03/15/24	03/19/24	
Surrogate: Toluene-d8		106 %	70-130		03/15/24	03/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2411140
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	03/15/24	03/19/24	
Surrogate: Bromofluorobenzene		109 %	70-130		03/15/24	03/19/24	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130		03/15/24	03/19/24	
Surrogate: Toluene-d8		106 %	70-130		03/15/24	03/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: KM		Batch: 2411146
Diesel Range Organics (C10-C28)	ND	25.0	1	1	03/15/24	03/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	03/15/24	03/18/24	
Surrogate: n-Nonane		101 %	50-200		03/15/24	03/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: WF		Batch: 2412039
Chloride	ND	20.0	1	1	03/19/24	03/20/24	

Pima Environmental Services-Carlsbad	Project Name:	Ford State #1	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	3/21/2024 3:18:38PM

P9 -6' E403139-18

Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RKS		Batch: 2411140
Benzene	ND	0.0250		1	03/15/24	03/19/24	
Ethylbenzene	ND	0.0250		1	03/15/24	03/19/24	
Toluene	ND	0.0250		1	03/15/24	03/19/24	
o-Xylene	ND	0.0250		1	03/15/24	03/19/24	
p,m-Xylene	ND	0.0500		1	03/15/24	03/19/24	
Total Xylenes	ND	0.0250		1	03/15/24	03/19/24	
Surrogate: Bromofluorobenzene		104 %	70-130		03/15/24	03/19/24	
Surrogate: 1,2-Dichloroethane-d4		94.3 %	70-130		03/15/24	03/19/24	
Surrogate: Toluene-d8		107 %	70-130		03/15/24	03/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2411140
Gasoline Range Organics (C6-C10)	ND	20.0		1	03/15/24	03/19/24	
Surrogate: Bromofluorobenzene		104 %	70-130		03/15/24	03/19/24	
Surrogate: 1,2-Dichloroethane-d4		94.3 %	70-130		03/15/24	03/19/24	
Surrogate: Toluene-d8		107 %	70-130		03/15/24	03/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2411146
Diesel Range Organics (C10-C28)	ND	25.0		1	03/15/24	03/18/24	
Oil Range Organics (C28-C36)	ND	50.0		1	03/15/24	03/18/24	
Surrogate: n-Nonane		99.9 %	50-200		03/15/24	03/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: WF		Batch: 2412039
Chloride	ND	20.0		1	03/19/24	03/20/24	

Pima Environmental Services-Carlsbad	Project Name:	Ford State #1	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	3/21/2024 3:18:38PM

SW1 -Surface E403139-19

		2.0010, 1,					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Analyte	Result	Limit	Dili	ution	rrepared	Anaryzeu	notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2411140
Benzene	ND	0.0250		1	03/15/24	03/19/24	
Ethylbenzene	ND	0.0250		1	03/15/24	03/19/24	
Toluene	ND	0.0250		1	03/15/24	03/19/24	
o-Xylene	ND	0.0250		1	03/15/24	03/19/24	
p,m-Xylene	ND	0.0500		1	03/15/24	03/19/24	
Total Xylenes	ND	0.0250		1	03/15/24	03/19/24	
Surrogate: Bromofluorobenzene		110 %	70-130		03/15/24	03/19/24	
Surrogate: 1,2-Dichloroethane-d4		94.6 %	70-130		03/15/24	03/19/24	
Surrogate: Toluene-d8		107 %	70-130		03/15/24	03/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2411140
Gasoline Range Organics (C6-C10)	ND	20.0		1	03/15/24	03/19/24	
Surrogate: Bromofluorobenzene		110 %	70-130		03/15/24	03/19/24	
Surrogate: 1,2-Dichloroethane-d4		94.6 %	70-130		03/15/24	03/19/24	
Surrogate: Toluene-d8		107 %	70-130		03/15/24	03/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2411146
Diesel Range Organics (C10-C28)	ND	25.0		1	03/15/24	03/18/24	
Oil Range Organics (C28-C36)	ND	50.0		1	03/15/24	03/18/24	
Surrogate: n-Nonane		105 %	50-200		03/15/24	03/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2412039
Chloride	ND	20.0		1	03/19/24	03/20/24	_



Pima Environmental Services-Carlsbad	Project Name:	Ford State #1	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	3/21/2024 3:18:38PM

SW2 -Surface E403139-20

		2.0010, 20					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Anaryte	Result	Limit	Dili	ution	rrepared	Anaryzeu	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2411140
Benzene	ND	0.0250		1	03/15/24	03/19/24	
Ethylbenzene	ND	0.0250		1	03/15/24	03/19/24	
Toluene	ND	0.0250		1	03/15/24	03/19/24	
o-Xylene	ND	0.0250		1	03/15/24	03/19/24	
p,m-Xylene	ND	0.0500		1	03/15/24	03/19/24	
Total Xylenes	ND	0.0250		1	03/15/24	03/19/24	
Surrogate: Bromofluorobenzene		109 %	70-130		03/15/24	03/19/24	
Surrogate: 1,2-Dichloroethane-d4		91.9 %	70-130		03/15/24	03/19/24	
Surrogate: Toluene-d8		107 %	70-130		03/15/24	03/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2411140
Gasoline Range Organics (C6-C10)	ND	20.0		1	03/15/24	03/19/24	
Surrogate: Bromofluorobenzene		109 %	70-130		03/15/24	03/19/24	
Surrogate: 1,2-Dichloroethane-d4		91.9 %	70-130		03/15/24	03/19/24	
Surrogate: Toluene-d8		107 %	70-130		03/15/24	03/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: KM		Batch: 2411146
Diesel Range Organics (C10-C28)	ND	25.0		1	03/15/24	03/18/24	
Oil Range Organics (C28-C36)	ND	50.0		1	03/15/24	03/18/24	
Surrogate: n-Nonane		106 %	50-200		03/15/24	03/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: WF		Batch: 2412039
Chloride	ND	20.0		1	03/19/24	03/20/24	_



Pima Environmental Services-Carlsbad	Project Name:	Ford State #1	
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SW3 -Surface E403139-21

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: EG		Batch: 2411138
Benzene	ND	0.0250	1	03/15/24	03/15/24	
Ethylbenzene	ND	0.0250	1	03/15/24	03/15/24	
Toluene	ND	0.0250	1	03/15/24	03/15/24	
o-Xylene	ND	0.0250	1	03/15/24	03/15/24	
p,m-Xylene	ND	0.0500	1	03/15/24	03/15/24	
Total Xylenes	ND	0.0250	1	03/15/24	03/15/24	
Surrogate: 4-Bromochlorobenzene-PID		94.5 %	70-130	03/15/24	03/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: EG		Batch: 2411138
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/15/24	03/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.3 %	70-130	03/15/24	03/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2411143
Diesel Range Organics (C10-C28)	ND	25.0	1	03/15/24	03/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/15/24	03/18/24	
Surrogate: n-Nonane		61.6 %	50-200	03/15/24	03/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2412038
	ND	20.0		03/19/24	03/20/24	



Pima Environmental Services-Carlsbad	Project Name:	Ford State #1	
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SW4 -Surface E403139-22

		1.405157 22				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: EG		Batch: 2411138
Benzene	ND	0.0250	1	03/15/24	03/15/24	
Ethylbenzene	ND	0.0250	1	03/15/24	03/15/24	
Toluene	ND	0.0250	1	03/15/24	03/15/24	
o-Xylene	ND	0.0250	1	03/15/24	03/15/24	
p,m-Xylene	ND	0.0500	1	03/15/24	03/15/24	
Total Xylenes	ND	0.0250	1	03/15/24	03/15/24	
Surrogate: 4-Bromochlorobenzene-PID		93.7 %	70-130	03/15/24	03/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: EG		Batch: 2411138
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/15/24	03/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.0 %	70-130	03/15/24	03/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2411143
Diesel Range Organics (C10-C28)	ND	25.0	1	03/15/24	03/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/15/24	03/18/24	
Surrogate: n-Nonane		83.5 %	50-200	03/15/24	03/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2412038
Chloride	ND	20.0	1	03/19/24	03/20/24	



Pima Environmental Services-Carlsbad	Project Name:	Ford State #1	
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Plains TX, 79355-0247	Project Manager:	Gio Gomez	3/21/2024 3:18:38PM

SW5 -Surface E403139-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: EG		Batch: 2411138
Benzene	ND	0.0250	1	03/15/24	03/16/24	
Ethylbenzene	ND	0.0250	1	03/15/24	03/16/24	
Toluene	ND	0.0250	1	03/15/24	03/16/24	
o-Xylene	ND	0.0250	1	03/15/24	03/16/24	
p,m-Xylene	ND	0.0500	1	03/15/24	03/16/24	
Total Xylenes	ND	0.0250	1	03/15/24	03/16/24	
Surrogate: 4-Bromochlorobenzene-PID		94.2 %	70-130	03/15/24	03/16/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: EG		Batch: 2411138
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/15/24	03/16/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.9 %	70-130	03/15/24	03/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: KM		Batch: 2411143
Diesel Range Organics (C10-C28)	ND	25.0	1	03/15/24	03/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/15/24	03/18/24	
Surrogate: n-Nonane		68.7 %	50-200	03/15/24	03/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: DT		Batch: 2412038
Chloride	ND	20.0	1	03/19/24	03/20/24	



Pima Environmental Services-Carlsbad	Project Name:	Ford State #1	
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Plains TX, 79355-0247	Project Manager:	Gio Gomez	3/21/2024 3:18:38PM

SW6 -Surface E403139-24

		1100107 24				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: EG		Batch: 2411138
Benzene	ND	0.0250	1	03/15/24	03/16/24	
Ethylbenzene	ND	0.0250	1	03/15/24	03/16/24	
Toluene	ND	0.0250	1	03/15/24	03/16/24	
o-Xylene	ND	0.0250	1	03/15/24	03/16/24	
o,m-Xylene	ND	0.0500	1	03/15/24	03/16/24	
Total Xylenes	ND	0.0250	1	03/15/24	03/16/24	
Surrogate: 4-Bromochlorobenzene-PID		95.3 %	70-130	03/15/24	03/16/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: EG		Batch: 2411138
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/15/24	03/16/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.9 %	70-130	03/15/24	03/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2411143
Diesel Range Organics (C10-C28)	ND	25.0	1	03/15/24	03/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/15/24	03/18/24	
Surrogate: n-Nonane		82.6 %	50-200	03/15/24	03/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: DT		Batch: 2412038
Chloride	ND	20.0	1	03/19/24	03/20/24	



Pima Environmental Services-Carlsbad	Project Name:	Ford State #1	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	3/21/2024 3:18:38PM

SW7 -Surface E403139-25

		1.405157 23				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: EG		Batch: 2411138
Benzene	ND	0.0250	1	03/15/24	03/16/24	
Ethylbenzene	ND	0.0250	1	03/15/24	03/16/24	
Toluene	ND	0.0250	1	03/15/24	03/16/24	
p-Xylene	ND	0.0250	1	03/15/24	03/16/24	
o,m-Xylene	ND	0.0500	1	03/15/24	03/16/24	
Total Xylenes	ND	0.0250	1	03/15/24	03/16/24	
Surrogate: 4-Bromochlorobenzene-PID		94.9 %	70-130	03/15/24	03/16/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: EG		Batch: 2411138
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/15/24	03/16/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.3 %	70-130	03/15/24	03/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2411143
Diesel Range Organics (C10-C28)	ND	25.0	1	03/15/24	03/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/15/24	03/18/24	
Surrogate: n-Nonane		80.0 %	50-200	03/15/24	03/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2412038
Chloride	ND	20.0	1	03/19/24	03/20/24	



Ford State #1 Pima Environmental Services-Carlsbad Project Name: Reported: Project Number: PO Box 247 21064-0001 Plains TX, 79355-0247 Project Manager: Gio Gomez 3/21/2024 3:18:38PM **Volatile Organic Compounds by EPA 8260B** Analyst: RKS Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2411140-BLK1) Prepared: 03/15/24 Analyzed: 03/19/24 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 ND 0.0250 Total Xylenes Surrogate: Bromofluorobenzene 0.546 0.500 109 70-130 Surrogate: 1,2-Dichloroethane-d4 0.457 0.500 91.3 70-130 0.500 108 70-130 Surrogate: Toluene-d8 0.538 LCS (2411140-BS1) Prepared: 03/15/24 Analyzed: 03/19/24 2.65 0.0250 2.50 106 70-130 Benzene 2.50 106 70-130 2.66 Ethylbenzene 0.0250 2.84 0.0250 2.50 114 70-130 2.69 70-130 0.0250 2.50 108 o-Xylene 5.42 5.00 108 70-130 p,m-Xylene 0.0500 8.11 0.0250 7.50 108 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.540 0.500 108 70-130 0.500 96.2 70-130 Surrogate: 1,2-Dichloroethane-d4 0.481 70-130 Surrogate: Toluene-d8 0.532 0.500 **Matrix Spike (2411140-MS1)** Source: E403139-05 Prepared: 03/15/24 Analyzed: 03/19/24 2.64 0.0250 2.50 ND 105 48-131 45-135 Ethylbenzene 2.63 0.0250 2.50 ND 105 ND 48-130 Toluene 2.81 0.0250 2.50 112 2.70 0.0250 2.50 ND 108 43-135 o-Xylene 5.34 ND 107 43-135 p,m-Xylene 0.0500 5.00 Total Xylenes 8.04 0.0250 7.50 ND 107 43-135 Surrogate: Bromofluorobenzene 0.533 0.500 107 70-130 0.500 96.5 70-130 Surrogate: 1,2-Dichloroethane-d4 0.483 0.500 70-130 0.530 Surrogate: Toluene-d8 Matrix Spike Dup (2411140-MSD1) Source: E403139-05 Prepared: 03/15/24 Analyzed: 03/19/24 2.64 0.0250 2.50 ND 106 48-131 0.0947 23 2.68 0.0250 2.50 ND 45-135 1.92 27 Ethylbenzene ND 115 48-130 2.24 24 2.87 2.50 Toluene 0.0250 o-Xylene 2.75 0.0250 2.50 ND 110 43-135 1.85 27 5.00 ND 109 43-135 27 5.46 2.19 p,m-Xylene 0.0500



27

Total Xylenes

Surrogate: Toluene-d8

Surrogate: Bromofluorobenzene

Surrogate: 1,2-Dichloroethane-d4

8.21

0.537

0.483

0.533

0.0250

7.50

0.500

0.500

0.500

ND

109

107

96.5

43-135

70-130

70-130

70-130

2.07

Ford State #1 Pima Environmental Services-Carlsbad Project Name: Reported: PO Box 247 Project Number: 21064-0001 Plains TX, 79355-0247 Project Manager: Gio Gomez 3/21/2024 3:18:38PM **Volatile Organics by EPA 8021B** Analyst: EG Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2411138-BLK1) Prepared: 03/15/24 Analyzed: 03/15/24 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.57 8.00 94.6 70-130 LCS (2411138-BS1) Prepared: 03/15/24 Analyzed: 03/15/24 5.02 100 70-130 5.00 Benzene 0.0250 Ethylbenzene 5.03 0.0250 5.00 101 70-130 5.00 0.0250 5.00 100 70-130 Toluene 99.3 o-Xylene 4.97 0.0250 5.00 70-130 10.1 10.0 101 70-130 0.0500 p.m-Xvlene 101 70-130 15.1 15.0 Total Xylenes 0.0250 8.00 95.3 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.63 Matrix Spike (2411138-MS1) Source: E403138-31 Prepared: 03/15/24 Analyzed: 03/15/24 5.04 0.0250 5.00 ND 54-133 Benzene ND 61-133 Ethylbenzene 5.04 0.0250 5.00 101 Toluene 5.04 0.0250 5.00 ND 101 61-130 5.00 ND 100 63-131 5.00 0.0250 o-Xylene p,m-Xylene 10.2 0.0500 10.0 ND 102 63-131 0.0250 15.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.63 8.00 Matrix Spike Dup (2411138-MSD1) Source: E403138-31 Prepared: 03/15/24 Analyzed: 03/15/24 5.07 0.0250 5.00 ND 54-133 0.688 20 ND 61-133 0.514 5.07 0.0250 5.00 101 20 Ethylbenzene 61-130 Toluene 5.07 0.0250 5.00 ND 101 0.520 20 5.02 5.00 ND 100 63-131 0.364 20 o-Xylene 0.0250 0.536 10.2 10.0 ND 102 63-131 20 p,m-Xylene 0.0500



15.2

7.65

0.0250

15.0

8.00

ND

102

95.6

63-131

70-130

0.480

20

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Pima Environmental Services-Carlsbad	Project Name:	Ford State #1	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	3/21/2024 3:18:38PM

Plains TX, 79355-0247		Project Manage	r: Gi	o Gomez				3/21	/2024 3:18:38PM	
Nonhalogenated Organics by EPA 8015D - GRO										
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes	
DL 1 (2444120 DV V1)				99		70				
Blank (2411138-BLK1)	170						Prepared: 0	3/15/24 Anaiy	zed: 03/15/24	
Gasoline Range Organics (C6-C10)	ND	20.0								
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.46		8.00		93.3	70-130				
LCS (2411138-BS2)							Prepared: 0	3/15/24 Analy	zed: 03/15/24	
Gasoline Range Organics (C6-C10)	51.9	20.0	50.0		104	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.54		8.00		94.3	70-130				
Matrix Spike (2411138-MS2)				Source:	E403138-3	31	Prepared: 0	3/15/24 Analy	zed: 03/15/24	
Gasoline Range Organics (C6-C10)	50.1	20.0	50.0	ND	100	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.64		8.00		95.5	70-130				
Matrix Spike Dup (2411138-MSD2)				Source:	E403138-	31	Prepared: 0	3/15/24 Analy	zed: 03/15/24	
Gasoline Range Organics (C6-C10)	51.1	20.0	50.0	ND	102	70-130	1.88	20		
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.55		8.00		94.4	70-130				



Surrogate: Toluene-d8

QC Summary Data

Pima Environmental Services-CarlsbadProject Name:Ford State #1Reported:PO Box 247Project Number:21064-0001Plains TX, 79355-0247Project Manager:Gio Gomez3/21/20243:18:38PM

Plains TX, 79355-0247		Project Manager	:: Gi	o Gomez					3/21/2024 3:18:38PM
	Noi	nhalogenated (Organics l	by EPA 80	15D - GF	RO			Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2411140-BLK1)							Prepared: 03	3/15/24	Analyzed: 03/19/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.546		0.500		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.457		0.500		91.3	70-130			
Surrogate: Toluene-d8	0.538		0.500		108	70-130			
LCS (2411140-BS2)							Prepared: 03	3/15/24	Analyzed: 03/19/24
Gasoline Range Organics (C6-C10)	58.5	20.0	50.0		117	70-130			
Surrogate: Bromofluorobenzene	0.550		0.500		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.1	70-130			
Surrogate: Toluene-d8	0.549		0.500		110	70-130			
Matrix Spike (2411140-MS2)				Source:	E403139-0)5	Prepared: 03	3/15/24	Analyzed: 03/19/24
Gasoline Range Organics (C6-C10)	56.1	20.0	50.0	ND	112	70-130			
Surrogate: Bromofluorobenzene	0.563		0.500		113	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.481		0.500		96.2	70-130			
Surrogate: Toluene-d8	0.550		0.500		110	70-130			
Matrix Spike Dup (2411140-MSD2)				Source:	E403139-0	05	Prepared: 03	3/15/24	Analyzed: 03/19/24
Gasoline Range Organics (C6-C10)	56.3	20.0	50.0	ND	113	70-130	0.361	20	
Surrogate: Bromofluorobenzene	0.549		0.500		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.473		0.500		94.6	70-130			

0.500

0.542

108

70-130



Pima Environmental Services-Carlsbad	Project Name:	Ford State #1	Reported:
PO Box 247	Project Number:	21064-0001	•
Plains TX, 79355-0247	Project Manager:	Gio Gomez	3/21/2024 3:18:38PM

Plains TX, 79355-0247		Project Manager	r: G1	o Gomez					3/21/2024 3:18:38PN
	Nonha	logenated Or	ganics by l	EPA 8015I) - DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2411143-BLK1)							Prepared: 0	3/15/24 An	alyzed: 03/18/24
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	43.8		50.0		87.7	50-200			
LCS (2411143-BS1)							Prepared: 0	3/15/24 An	alyzed: 03/18/24
Diesel Range Organics (C10-C28)	236	25.0	250		94.4	38-132			
urrogate: n-Nonane	43.1		50.0		86.3	50-200			
Matrix Spike (2411143-MS1)				Source:	E403126-0	03	Prepared: 0	3/15/24 An	alyzed: 03/18/24
Diesel Range Organics (C10-C28)	357	25.0	250	168	75.7	38-132			
Surrogate: n-Nonane	42.1		50.0		84.2	50-200			
Matrix Spike Dup (2411143-MSD1)				Source:	E403126-0	03	Prepared: 0	3/15/24 An	alyzed: 03/18/24
Diesel Range Organics (C10-C28)	353	25.0	250	168	74.1	38-132	1.11	20	
Gurrogate: n-Nonane	42.1		50.0		84.2	50-200			

Pima Environmental Services-Carlsbad	Project Name:	Ford State #1	Reported:
PO Box 247	Project Number:	21064-0001	·
Plains TX, 79355-0247	Project Manager:	Gio Gomez	3/21/2024 3:18:38PM

Plains TX, 79355-0247		Project Manager	r: G1	o Gomez				3	721/2024 3:18:38PN	
	Nonhalogenated Organics by EPA 8015D - DRO/ORO							Analyst: KM		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2411146-BLK1)							Prepared: 0	3/15/24 An	alyzed: 03/18/24	
Diesel Range Organics (C10-C28)	ND	25.0								
Dil Range Organics (C28-C36)	ND	50.0								
urrogate: n-Nonane	56.0		50.0		112	50-200				
LCS (2411146-BS1)								Prepared: 03/15/24 Analyzed: 03/18/24		
Diesel Range Organics (C10-C28)	274	25.0	250		110	38-132				
urrogate: n-Nonane	50.3		50.0		101	50-200				
Matrix Spike (2411146-MS1)				Source: E403139-05			Prepared: 03/15/24 Analyzed: 03/18/24			
Diesel Range Organics (C10-C28)	285	25.0	250	ND	114	38-132				
urrogate: n-Nonane	48.6		50.0		97.2	50-200				
Matrix Spike Dup (2411146-MSD1)				Source:	Source: E403139-05			Prepared: 03/15/24 Analyzed: 03/18/24		
Diesel Range Organics (C10-C28)	290	25.0	250	ND	116	38-132	1.72	20		
Gurrogate: n-Nonane	49.6		50.0		99.2	50-200				



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ford State #1	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	3/21/2024 3:18:38PM

Anions	by	EPA	300	.0/90	056A
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Anal	yst:	D1
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Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes

Blank (2412038-BLK1)				Prepared: 03/19/24 Analyzed: 03/19/24
Chloride	ND	20.0		
LCS (2412038-BS1)				Prepared: 03/19/24 Analyzed: 03/19/24
Chloride	250	20.0	250	100 90-110
LCS Dup (2412038-BSD1)				Prepared: 03/19/24 Analyzed: 03/19/24
Chloride	252	20.0	250	101 90-110 0.626 20



Chloride

Chloride

LCS Dup (2412039-BSD1)

QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	2	ord State #1 1064-0001 io Gomez				:	Reported: 3/21/2024 3:18:38PM
		Anions l	oy EPA 3	300.0/9056 <i>A</i>	\				Analyst: WF
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2412039-BLK1)							Prepared: 0	3/19/24 An	nalyzed: 03/20/24
Chloride	ND	20.0							
LCS (2412039-BS1)							Prepared: 0	3/19/24 An	nalyzed: 03/20/24

250

250

250

253

20.0

20.0

90-110

90-110

1.33

Prepared: 03/19/24 Analyzed: 03/20/24

99.8

101

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Ford State #1	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	03/21/24 15:18

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Project Information

Chain of Custody

Client: P	ima	Envi	ronm	enta	al Servi	ces		31			Biii	i To	•		· (. L)	769		70	NY AT	W.	Take Co	Heres			T/	\ T		F04 (
Project:	FO	rd S	Hale	#1			•	A	ttent	ion:	Judah	(Oil				17/4	10.00						1D	2D	3D		andard	CWA	rogram SDWA
Project N								A	ddre:						FL	103	13	9	71	o.		DI I			-	31	K IIII	CVVA	JUWA
<u>Address:</u>										tate, Zip								2 (2 (2),(1)	Analy	sis a	d Me	thod				í			RCRA
City, Stat				MM	<u>. 88240</u>	<u></u>		<u> </u>	hone	9:												T						,	110,134
Phone:							_	E	mail:	;					8015	8015				: ,							200000000000000000000000000000000000000	State	
Emall:			BOIL.C	om			_	C C	Dima	Projec	t# 2	1.4			A	8	12	g		0			5				NM CO	UT AZ	TX
Report d							4	1256	a	1110,60	· # L	1-7			홅	õ	¥ 80	928/	601	e 30			NM	ř			У		
Time Sampled	Da Sam		Matr	ix	No. of Containers	Sample	ID				-			Lab Number	DRO/ORO	GRO/DRO by	ВТЕХ ЬУ 8021	VOC by 8260	Metals 6010	Chloride 300.0			верос	варос				Remarks	3
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10:43			1			PI-	6'							2									1						
10:56						72-	Z'							3															
11:08						P2-	6							4								,							
11:17						P3 -	2'		·					5															· · · · · · · · · · · · · · · · · · ·
11:26						P3-	6) 						Q															
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11:59						P5.								9														**.	
12:08		1				P5-					•	···		10									1						
Addition					·			Bill '																					
date or time	of col	lection	is consi		fraud and	may be gro	unds f		n.		Sampled by		abellin	g the sample	locatio	en,			Sample packed	es requi	ring the et an ave	rmal pr temp	eserval above (tion mu O but le:	st be re ss than	ceived o 6 °C on s	on ice the day th subsequent day:	ey are samp s.	led or received
Relinquish -Arit	ML	Pd	ame	!	Date 3	14/2	∤ ™	me 12:14	<u> </u>	Mill	/: (Signatui	sur		3-14.	14	Time	46		Rec	elved	on i	:e:		ab Us N	e On	ly			
Relinquish Wicl	Ш	<u> </u>	Sur			14.24		1530	R	eceived by	/: (Signatu	ire)		Date .	124	Time	4	5	T1				T2				T3	ing the state of t	
Relinquish	ed by:	: (Signa	ature)∠)	Dat	e	Ti	me	R	eceived by	y: (Signatu	ıre)		Date		Time			AVG	Ten	n °C	-4	!						
Sample Mat														Containe	Type	: g - s	lass,	p - po	olv/p	astic.	28 - 2	ımbe	r glas	SS, V -	VOA				
Note: Sam	ples a	re disc	arded	30 da	ys after r	esults are	repor	ted unless o	other a	arrangeme	ents are ma	ade. Hazaro	lous sa	amples will	be ret	urned	to cli	ent or	dispo	sed o	at the	dien	nt exp	ense.	The	report	for the analy	vsis of the	ahove
samples is	appli	able o	nly to	those	samples	received b	y the	laboratory	with t	his COC. T	he liability	y of the labor	atory	is limited to	the a	moun	t paid	for o	n the	report								, 0: 416	45040

Project Information

Chain of Custody

Page 2 of 3

Client: Pima Environmental Services Project: Pond Shake # Project Manager: Gio Gomez Address: City, State, Zip Phone: 808-782-1151 Email: glo@pimaoil.com Report due by: Time Date Sampled Sampled Matrix No. of Sample ID Phone: Pima Project # 2 -4	ogram SDWA
Address: 5614 N. Lovington Hwy. City. State. Zip Hobbs. NM. 88240 Phone: 806-782-1151 Email: glo@pimaoil.com Report due by: Time Sampled Sampled Sampled Sampled Sampled Sampled Sampled D PG - Z' 12:38 P7 - Z' 13 Address: City. State. Zip Hobbs. NM. 88240 Phone: Email: State. Zip Hobbs. NM. 88240 Phone: Email: State. NM CO UT AZ X I I I I I I I I I I I I I I I I I I	JUITA
Phone: 806-782-1151	
Phone: 806-782-1151	RCRA
Email:	
Pima Project # 21-4 A	
12:11 3 7 S P6-2' 11 X 12:23 P6-6' 12 13 P7-2'	TX
12:11 3 7 S P6-2' 11 X 12:23 P6-6' 12 13 P7-2'	
12:23 P6-6' 12 12:38 P7-2' 13 13 14 15 15 15 15 15 15 15	
12:38 P7-2' 13	
12:52 P8-2' 15	
1:17 \ 16 \ 16	
1:28	
1:37 18 18	
1:58 Sw2-Surface 20 1	<u> </u>
Additional Instructions: Bill Pima	
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Samples requiring thermal preservation must be received on ice the day they are sample packed in ice at an avg temp above 0 but less than 6 t on subsequent days.	or received
Relinquished by: (Signature) Date Date Time Lab Use Only Time Time	
Relinquished by: (Signature) Date Time Received by: (Signature) Time 21530 Received by: (Signature) Time 21514 Time	
Relinquished by: (Signature) Date Time Received by: (Signature) Date Time	
AVG Temp °C 4	
Sample Matrix: S - Soil, Sd - Soild, Sg - Sludge, A - Aqueous, O - Other	
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the asamples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.	ove

Project Information

Chain of Custody

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Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Printed: 3/15/2024 11:53:00AM

Instructions: Please take note of any NO checkmarks.

Client: Pima Environmental Services-Carlsbad	Date Received:	03/15/24 06	:45		Work Order ID:	E403139
Phone: (575) 631-6977	Date Logged In:	03/14/24 17	:02		Logged In By:	Alexa Michaels
Email: gio@pimaoil.com	Due Date:	03/21/24 17	2:00 (4 day TAT)			
Chain of Custody (COC)						
1. Does the sample ID match the COC?		Yes				
2. Does the number of samples per sampling site location mate	h the COC	Yes				
3. Were samples dropped off by client or carrier?		Yes	Carrier: C	Courier		
1. Was the COC complete, i.e., signatures, dates/times, request	ed analyses?	No				
 Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion 		Yes			Commen	ts/Resolution
Sample Turn Around Time (TAT)	••				·	
5. Did the COC indicate standard TAT, or Expedited TAT?		Yes		No. of cont	ainers and S	Sampled by were not
Sample Cooler				documente	d on COC b	y client.
7. Was a sample cooler received?		Yes				•
8. If yes, was cooler received in good condition?		Yes				
9. Was the sample(s) received intact, i.e., not broken?						
• **		Yes				
10. Were custody/security seals present?		No				
11. If yes, were custody/security seals intact?		NA				
 Was the sample received on ice? If yes, the recorded temp is 4°C, i Note: Thermal preservation is not required, if samples are minutes of sampling If no visible ice, record the temperature. Actual sample t 		Yes <u>C</u>				
Sample Container					•	
14. Are aqueous VOC samples present?		No				
15. Are VOC samples collected in VOA Vials?		NA				
16. Is the head space less than 6-8 mm (pea sized or less)?		NA				
17. Was a trip blank (TB) included for VOC analyses?		NA				
18. Are non-VOC samples collected in the correct containers?		Yes				
19. Is the appropriate volume/weight or number of sample contained.	ers collected?	Yes				
Field Label		100				
20. Were field sample labels filled out with the minimum infor	mation:					
Sample ID?		Yes	1			
Date/Time Collected?		Yes	Į.			
Collectors name?		Yes				
Sample Preservation						
21. Does the COC or field labels indicate the samples were pre-	served?	No				
22. Are sample(s) correctly preserved?		NA				
24. Is lab filteration required and/or requested for dissolved me	etals?	No				
Multiphase Sample Matrix						
26. Does the sample have more than one phase, i.e., multiphase	e?	No				
27. If yes, does the COC specify which phase(s) is to be analyze		NA				
Subcontract Laboratory	0	N 1-				
28. Are samples required to get sent to a subcontract laboratory 29. Was a subcontract laboratory specified by the client and if		No NA 5	Subcontract Lab	o: NA		



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

April 20, 2020

Ashley Maxwell Souder, Miller & Associates 201 S Halagueno Carlsbad, NM 88221 TEL: FAX:

RE: Ford State 001 OrderNo.: 2004515

Dear Ashley Maxwell:

Hall Environmental Analysis Laboratory received 23 sample(s) on 4/10/2020 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman

Laboratory Manager

andyl

4901 Hawkins NE

Albuquerque, NM 87109

Date Reported: 4/20/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: S1-2'

 Project:
 Ford State 001
 Collection Date: 4/8/2020 10:58:00 AM

 Lab ID:
 2004515-001
 Matrix: SOIL
 Received Date: 4/10/2020 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst	: TOM
Diesel Range Organics (DRO)	5800	96		mg/Kg	10	4/13/2020 10:34:57 AM	51740
Motor Oil Range Organics (MRO)	2300	480		mg/Kg	10	4/13/2020 10:34:57 AM	51740
Surr: DNOP	0	55.1-146	S	%Rec	10	4/13/2020 10:34:57 AM	I 51740
EPA METHOD 8015D: GASOLINE RANGE						Analyst	: NSB
Gasoline Range Organics (GRO)	490	99		mg/Kg	20	4/14/2020 3:11:34 PM	51735
Surr: BFB	220	66.6-105	S	%Rec	20	4/14/2020 3:11:34 PM	51735

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 1 of 30

Date Reported: 4/20/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: S1-4'

 Project:
 Ford State 001
 Collection Date: 4/8/2020 11:02:00 AM

 Lab ID:
 2004515-002
 Matrix: SOIL
 Received Date: 4/10/2020 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst	: TOM
Diesel Range Organics (DRO)	1500	100		mg/Kg	10	4/13/2020 4:04:15 AM	51740
Motor Oil Range Organics (MRO)	590	500		mg/Kg	10	4/13/2020 4:04:15 AM	51740
Surr: DNOP	0	55.1-146	S	%Rec	10	4/13/2020 4:04:15 AM	51740
EPA METHOD 8015D: GASOLINE RANGE						Analyst	: NSB
Gasoline Range Organics (GRO)	110	25		mg/Kg	5	4/14/2020 3:34:53 PM	51735
Surr: BFB	212	66.6-105	S	%Rec	5	4/14/2020 3:34:53 PM	51735

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 4/20/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: S1-6'

 Project:
 Ford State 001
 Collection Date: 4/8/2020 11:08:00 AM

 Lab ID:
 2004515-003
 Matrix: SOIL
 Received Date: 4/10/2020 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst	: TOM
Diesel Range Organics (DRO)	280	10		mg/Kg	1	4/13/2020 11:23:01 AM	1 51740
Motor Oil Range Organics (MRO)	150	50		mg/Kg	1	4/13/2020 11:23:01 AM	1 51740
Surr: DNOP	86.8	55.1-146		%Rec	1	4/13/2020 11:23:01 AM	1 51740
EPA METHOD 8015D: GASOLINE RANGE						Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/14/2020 3:58:14 PM	51735
Surr: BFB	135	66.6-105	S	%Rec	1	4/14/2020 3:58:14 PM	51735

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Analytical Report

Lab Order 2004515

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 4/20/2020

CLIENT: Souder, Miller & Associates Client Sample ID: S1-11'

 Project:
 Ford State 001
 Collection Date: 4/8/2020 11:40:00 AM

 Lab ID:
 2004515-004
 Matrix: SOIL
 Received Date: 4/10/2020 8:25:00 AM

Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS					Analysi	: TOM
Diesel Range Organics (DRO)	51	9.5	mg/Kg	1	4/13/2020 4:52:21 AM	51740
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	4/13/2020 4:52:21 AM	51740
Surr: DNOP	92.4	55.1-146	%Rec	1	4/13/2020 4:52:21 AM	51740
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	4/14/2020 4:21:37 PM	51735
Surr: BFB	98.8	66.6-105	%Rec	1	4/14/2020 4:21:37 PM	51735

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 4/20/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: S2-2'

 Project:
 Ford State 001
 Collection Date: 4/8/2020 11:52:00 AM

 Lab ID:
 2004515-005
 Matrix: SOIL
 Received Date: 4/10/2020 8:25:00 AM

Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS					Analyst	: TOM
Diesel Range Organics (DRO)	ND	9.1	mg/Kg	1	4/13/2020 5:16:28 AM	51740
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	4/13/2020 5:16:28 AM	51740
Surr: DNOP	78.7	55.1-146	%Rec	1	4/13/2020 5:16:28 AM	51740
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	4/14/2020 4:45:08 PM	51735
Surr: BFB	96.9	66.6-105	%Rec	1	4/14/2020 4:45:08 PM	51735

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 4/20/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: S2-4'

 Project:
 Ford State 001
 Collection Date: 4/8/2020 11:56:00 AM

 Lab ID:
 2004515-006
 Matrix: SOIL
 Received Date: 4/10/2020 8:25:00 AM

Analyses	Result	RL Q	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS					Analys	t: TOM
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	4/13/2020 5:40:30 AM	51740
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	4/13/2020 5:40:30 AM	51740
Surr: DNOP	87.0	55.1-146	%Rec	1	4/13/2020 5:40:30 AM	51740
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	4/14/2020 5:08:39 PM	51735
Surr: BFB	97.3	66.6-105	%Rec	1	4/14/2020 5:08:39 PM	51735

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 4/20/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: S2-5'

Project: Ford State 001
 Collection Date: 4/8/2020 12:00:00 PM

 Lab ID: 2004515-007
 Matrix: SOIL
 Received Date: 4/10/2020 8:25:00 AM

Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS					Analysi	: TOM
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	4/13/2020 6:04:56 AM	51740
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	4/13/2020 6:04:56 AM	51740
Surr: DNOP	83.9	55.1-146	%Rec	1	4/13/2020 6:04:56 AM	51740
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	4/14/2020 5:32:03 PM	51735
Surr: BFB	99.0	66.6-105	%Rec	1	4/14/2020 5:32:03 PM	51735

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 4/20/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: S3-2'

Project: Ford State 001
 Collection Date: 4/8/2020 12:13:00 PM

 Lab ID: 2004515-008
 Matrix: SOIL
 Received Date: 4/10/2020 8:25:00 AM

Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS					Analysi	: CLP
Diesel Range Organics (DRO)	65	9.4	mg/Kg	1	4/13/2020 5:44:59 AM	51742
Motor Oil Range Organics (MRO)	170	47	mg/Kg	1	4/13/2020 5:44:59 AM	51742
Surr: DNOP	91.4	55.1-146	%Rec	1	4/13/2020 5:44:59 AM	51742
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	4/14/2020 5:55:24 PM	51738
Surr: BFB	97.5	66.6-105	%Rec	1	4/14/2020 5:55:24 PM	51738

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 4/20/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: S3-3'

Project: Ford State 001
 Collection Date: 4/8/2020 12:19:00 PM

 Lab ID: 2004515-009
 Matrix: SOIL
 Received Date: 4/10/2020 8:25:00 AM

Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS					Analyst	: JME
Diesel Range Organics (DRO)	25	9.3	mg/Kg	1	4/15/2020 1:29:03 PM	51742
Motor Oil Range Organics (MRO)	59	46	mg/Kg	1	4/15/2020 1:29:03 PM	51742
Surr: DNOP	110	55.1-146	%Rec	1	4/15/2020 1:29:03 PM	51742
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	4/14/2020 6:18:47 PM	51738
Surr: BFB	98.1	66.6-105	%Rec	1	4/14/2020 6:18:47 PM	51738

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Analytical Report

Lab Order **2004515**

Date Reported: 4/20/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: S3-4'

 Project:
 Ford State 001
 Collection Date: 4/8/2020 12:20:00 PM

 Lab ID:
 2004515-010
 Matrix: SOIL
 Received Date: 4/10/2020 8:25:00 AM

Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS					Analyst	: CLP
Diesel Range Organics (DRO)	10	9.5	mg/Kg	1	4/13/2020 7:19:58 AM	51742
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	4/13/2020 7:19:58 AM	51742
Surr: DNOP	84.2	55.1-146	%Rec	1	4/13/2020 7:19:58 AM	51742
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	4/14/2020 8:39:46 PM	51738
Surr: BFB	98.4	66.6-105	%Rec	1	4/14/2020 8:39:46 PM	51738

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Analytical Report

Lab Order 2004515

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 4/20/2020

CLIENT: Souder, Miller & Associates Client Sample ID: S5-2'

Project: Ford State 001
 Collection Date: 4/8/2020 10:38:00 AM

 Lab ID: 2004515-011
 Matrix: SOIL
 Received Date: 4/10/2020 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst	: CLP
Diesel Range Organics (DRO)	2400	190		mg/Kg	20	4/13/2020 7:43:39 AM	51742
Motor Oil Range Organics (MRO)	1300	950		mg/Kg	20	4/13/2020 7:43:39 AM	51742
Surr: DNOP	0	55.1-146	S	%Rec	20	4/13/2020 7:43:39 AM	51742
EPA METHOD 8015D: GASOLINE RANGE						Analyst	: NSB
Gasoline Range Organics (GRO)	100	50		mg/Kg	10	4/14/2020 9:03:21 PM	51738
Surr: BFB	159	66.6-105	S	%Rec	10	4/14/2020 9:03:21 PM	51738

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 4/20/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: S5-3'

Project: Ford State 001
 Collection Date: 4/8/2020 10:45:00 AM

 Lab ID: 2004515-012
 Matrix: SOIL
 Received Date: 4/10/2020 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst	: CLP
Diesel Range Organics (DRO)	1300	99		mg/Kg	10	4/13/2020 8:07:15 AM	51742
Motor Oil Range Organics (MRO)	790	500		mg/Kg	10	4/13/2020 8:07:15 AM	51742
Surr: DNOP	0	55.1-146	S	%Rec	10	4/13/2020 8:07:15 AM	51742
EPA METHOD 8015D: GASOLINE RANGE						Analyst	: NSB
Gasoline Range Organics (GRO)	52	25		mg/Kg	5	4/14/2020 9:26:54 PM	51738
Surr: BFB	168	66.6-105	S	%Rec	5	4/14/2020 9:26:54 PM	51738

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 4/20/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: S5-4'

Project: Ford State 001
 Collection Date: 4/8/2020 10:47:00 AM

 Lab ID: 2004515-013
 Matrix: SOIL
 Received Date: 4/10/2020 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS					Analyst	: CLP
Diesel Range Organics (DRO)	730	93		mg/Kg	10	4/13/2020 8:54:31 AM	51742
Motor Oil Range Organics (MRO)	480	470		mg/Kg	10	4/13/2020 8:54:31 AM	51742
Surr: DNOP	0	55.1-146	S	%Rec	10	4/13/2020 8:54:31 AM	51742
EPA METHOD 8015D: GASOLINE RANGE						Analyst	: NSB
Gasoline Range Organics (GRO)	30	25		mg/Kg	5	4/14/2020 9:50:20 PM	51738
Surr: BFB	136	66.6-105	S	%Rec	5	4/14/2020 9:50:20 PM	51738

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 4/20/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: S6-1'

Project: Ford State 001
 Collection Date: 4/8/2020 12:43:00 PM

 Lab ID: 2004515-014
 Matrix: SOIL
 Received Date: 4/10/2020 8:25:00 AM

Analyses	Result	RL Q	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: CLP
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	4/13/2020 10:05:16 AM	51742
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	4/13/2020 10:05:16 AM	51742
Surr: DNOP	90.4	55.1-146	%Rec	1	4/13/2020 10:05:16 AM	51742
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	4/14/2020 10:13:50 PM	51738
Surr: BFB	94.7	66.6-105	%Rec	1	4/14/2020 10:13:50 PM	51738

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Analytical Report

Lab Order **2004515**

Date Reported: 4/20/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: S6-2'

Project: Ford State 001
 Collection Date: 4/8/2020 12:45:00 PM

 Lab ID: 2004515-015
 Matrix: SOIL
 Received Date: 4/10/2020 8:25:00 AM

Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analys	t: CLP
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	4/13/2020 10:28:46 AM	1 51742
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	4/13/2020 10:28:46 AM	1 51742
Surr: DNOP	99.0	55.1-146	%Rec	1	4/13/2020 10:28:46 AM	1 51742
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	4/14/2020 10:37:16 PM	1 51738
Surr: BFB	95.5	66.6-105	%Rec	1	4/14/2020 10:37:16 PM	1 51738

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Analytical Report

Lab Order **2004515**

Date Reported: 4/20/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: S6-4'

 Project:
 Ford State 001
 Collection Date: 4/8/2020 12:53:00 PM

 Lab ID:
 2004515-016
 Matrix: SOIL
 Received Date: 4/10/2020 8:25:00 AM

Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE OR	RGANICS				Analys	t: CLP
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	4/13/2020 10:52:17 AN	1 51742
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	4/13/2020 10:52:17 AM	1 51742
Surr: DNOP	88.0	55.1-146	%Rec	1	4/13/2020 10:52:17 AN	1 51742
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	4/14/2020 11:00:46 PM	1 51738
Surr: BFB	93.0	66.6-105	%Rec	1	4/14/2020 11:00:46 PM	1 51738

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 4/20/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: S7-1'

Project: Ford State 001
 Collection Date: 4/8/2020 12:30:00 PM

 Lab ID: 2004515-017
 Matrix: SOIL
 Received Date: 4/10/2020 8:25:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: JME
Diesel Range Organics (DRO)	23	9.5	mg/Kg	1	4/15/2020 1:53:05 PM	51742
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	4/15/2020 1:53:05 PM	51742
Surr: DNOP	77.6	55.1-146	%Rec	1	4/15/2020 1:53:05 PM	51742
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	4/14/2020 11:24:18 PM	51738
Surr: BFB	95.8	66.6-105	%Rec	1	4/14/2020 11:24:18 PM	51738

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 4/20/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: S7-2'

 Project:
 Ford State 001
 Collection Date: 4/8/2020 12:30:00 PM

 Lab ID:
 2004515-018
 Matrix: SOIL
 Received Date: 4/10/2020 8:25:00 AM

Analyses	Result	RL Qı	ıal Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analys	t: CLP
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	4/13/2020 11:39:18 AM	1 51742
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	4/13/2020 11:39:18 AM	1 51742
Surr: DNOP	82.0	55.1-146	%Rec	1	4/13/2020 11:39:18 AM	1 51742
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	4/14/2020 11:47:44 PM	1 51738
Surr: BFB	95.6	66.6-105	%Rec	1	4/14/2020 11:47:44 PM	1 51738

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 4/20/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: S7-4'

Project: Ford State 001
 Collection Date: 4/8/2020 12:35:00 PM

 Lab ID: 2004515-019
 Matrix: SOIL
 Received Date: 4/10/2020 8:25:00 AM

Analyses	Result	RL Q	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analys	t: CLP
Diesel Range Organics (DRO)	11	9.7	mg/Kg	1	4/13/2020 12:02:48 PM	1 51742
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	4/13/2020 12:02:48 PM	1 51742
Surr: DNOP	78.9	55.1-146	%Rec	1	4/13/2020 12:02:48 PM	1 51742
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	4/15/2020 12:11:10 AM	1 51738
Surr: BFB	97.6	66.6-105	%Rec	1	4/15/2020 12:11:10 AM	1 51738

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 4/20/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: SW 1

 Project:
 Ford State 001
 Collection Date: 4/8/2020 1:22:00 PM

 Lab ID:
 2004515-020
 Matrix: SOIL
 Received Date: 4/10/2020 8:25:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	ND	60	mg/Kg	20	4/14/2020 5:08:24 PM	51782
EPA METHOD 8015M/D: DIESEL RANGE ORGA	ANICS				Analyst	: JME
Diesel Range Organics (DRO)	ND	8.9	mg/Kg	1	4/16/2020 8:33:36 AM	51849
Motor Oil Range Organics (MRO)	ND	45	mg/Kg	1	4/16/2020 8:33:36 AM	51849
Surr: DNOP	89.5	55.1-146	%Rec	1	4/16/2020 8:33:36 AM	51849
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	4/15/2020 12:34:34 AM	51738
Surr: BFB	97.0	66.6-105	%Rec	1	4/15/2020 12:34:34 AM	51738
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.025	mg/Kg	1	4/15/2020 12:34:34 AM	51738
Toluene	ND	0.049	mg/Kg	1	4/15/2020 12:34:34 AM	51738
Ethylbenzene	ND	0.049	mg/Kg	1	4/15/2020 12:34:34 AM	51738
Xylenes, Total	ND	0.099	mg/Kg	1	4/15/2020 12:34:34 AM	51738
Surr: 4-Bromofluorobenzene	99.5	80-120	%Rec	1	4/15/2020 12:34:34 AM	51738

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 4/20/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: SW 2

 Project:
 Ford State 001
 Collection Date: 4/8/2020 1:27:00 PM

 Lab ID:
 2004515-021
 Matrix: SOIL
 Received Date: 4/10/2020 8:25:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	ND	60	mg/Kg	20	4/14/2020 5:20:49 PM	51782
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: CLP
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	4/13/2020 12:49:50 PM	51742
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	4/13/2020 12:49:50 PM	51742
Surr: DNOP	65.0	55.1-146	%Rec	1	4/13/2020 12:49:50 PM	51742
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	4/15/2020 12:57:58 AM	51738
Surr: BFB	93.2	66.6-105	%Rec	1	4/15/2020 12:57:58 AM	51738
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.025	mg/Kg	1	4/15/2020 12:57:58 AM	51738
Toluene	ND	0.049	mg/Kg	1	4/15/2020 12:57:58 AM	51738
Ethylbenzene	ND	0.049	mg/Kg	1	4/15/2020 12:57:58 AM	51738
Xylenes, Total	ND	0.099	mg/Kg	1	4/15/2020 12:57:58 AM	51738
Surr: 4-Bromofluorobenzene	97.4	80-120	%Rec	1	4/15/2020 12:57:58 AM	51738

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 4/20/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: SW 3

 Project:
 Ford State 001
 Collection Date: 4/8/2020 1:31:00 PM

 Lab ID:
 2004515-022
 Matrix: SOIL
 Received Date: 4/10/2020 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: JMT
Chloride	150	60		mg/Kg	20	4/14/2020 5:33:13 PM	51782
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS					Analyst	: CLP
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	4/13/2020 1:13:28 PM	51742
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	4/13/2020 1:13:28 PM	51742
Surr: DNOP	66.8	55.1-146		%Rec	1	4/13/2020 1:13:28 PM	51742
EPA METHOD 8015D: GASOLINE RANGE						Analyst	: NSB
Gasoline Range Organics (GRO)	ND	25	D	mg/Kg	5	4/15/2020 1:21:21 AM	51738
Surr: BFB	95.6	66.6-105	D	%Rec	5	4/15/2020 1:21:21 AM	51738
EPA METHOD 8021B: VOLATILES						Analyst	: NSB
Benzene	ND	0.12	D	mg/Kg	5	4/15/2020 1:21:21 AM	51738
Toluene	ND	0.25	D	mg/Kg	5	4/15/2020 1:21:21 AM	51738
Ethylbenzene	ND	0.25	D	mg/Kg	5	4/15/2020 1:21:21 AM	51738
Xylenes, Total	ND	0.49	D	mg/Kg	5	4/15/2020 1:21:21 AM	51738
Surr: 4-Bromofluorobenzene	97.9	80-120	D	%Rec	5	4/15/2020 1:21:21 AM	51738

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 4/20/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: SW 4

 Project:
 Ford State 001
 Collection Date: 4/8/2020 1:36:00 PM

 Lab ID:
 2004515-023
 Matrix: SOIL
 Received Date: 4/10/2020 8:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: JMT
Chloride	ND	60		mg/Kg	20	4/14/2020 6:10:27 PM	51782
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS					Analyst	: JME
Diesel Range Organics (DRO)	ND	9.0		mg/Kg	1	4/16/2020 8:57:16 AM	51849
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	4/16/2020 8:57:16 AM	51849
Surr: DNOP	82.9	55.1-146		%Rec	1	4/16/2020 8:57:16 AM	51849
EPA METHOD 8015D: GASOLINE RANGE						Analyst	: NSB
Gasoline Range Organics (GRO)	ND	25	D	mg/Kg	5	4/15/2020 1:44:43 AM	51738
Surr: BFB	92.8	66.6-105	D	%Rec	5	4/15/2020 1:44:43 AM	51738
EPA METHOD 8021B: VOLATILES						Analyst	: NSB
Benzene	ND	0.12	D	mg/Kg	5	4/15/2020 1:44:43 AM	51738
Toluene	ND	0.25	D	mg/Kg	5	4/15/2020 1:44:43 AM	51738
Ethylbenzene	ND	0.25	D	mg/Kg	5	4/15/2020 1:44:43 AM	51738
Xylenes, Total	ND	0.50	D	mg/Kg	5	4/15/2020 1:44:43 AM	51738
Surr: 4-Bromofluorobenzene	97.5	80-120	D	%Rec	5	4/15/2020 1:44:43 AM	51738

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2004515**

20-Apr-20

Client: Souder, Miller & Associates

Project: Ford State 001

Sample ID: MB-51782 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 51782 RunNo: 68129

Prep Date: 4/14/2020 Analysis Date: 4/14/2020 SeqNo: 2355256 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID: LCS-51782 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 51782 RunNo: 68129

Prep Date: 4/14/2020 Analysis Date: 4/14/2020 SeqNo: 2355257 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 14 1.5 15.00 0 94.2 90 110

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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OC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

Result

WO#: 2004515 20-Apr-20

Qual

RPDLimit

Client: Souder, Miller & Associates

Project: Ford State 001

Sample ID: LCS-51740 SampType: LCS					TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS Batch ID: 51740					RunNo: 6	8050					
Prep Date: 4/11/2020	Prep Date: 4/11/2020 Analysis Date: 4/12/2020		9	SeqNo: 2352100 Units: mg			/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (DRO)	47	10	50.00	٥	9/1/2	70	130				

Diesel Range Organics (DRO) 50.00 Surr: DNOP 4.0 5.000 79.6 55.1 146

Sample ID: MB-51740 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: PBS Batch ID: 51740 RunNo: 68050 Prep Date: 4/11/2020 Analysis Date: 4/12/2020 SeqNo: 2352102 Units: mg/Kg

HighLimit Analyte PQL SPK value SPK Ref Val %REC LowLimit %RPD Diesel Range Organics (DRO) ND 10 Motor Oil Range Organics (MRO) ND 50 Surr: DNOP 5.9 10.00 59.3 55.1 146

Sample ID: MB-51742 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: PBS Batch ID: 51742 RunNo: 68052

Prep Date: 4/11/2020 Analysis Date: 4/13/2020 SeqNo: 2352273 Units: mg/Kg Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual

Diesel Range Organics (DRO) ND 10 Motor Oil Range Organics (MRO) ND 50 Surr: DNOP 8.2 10.00 81.7 55.1 146

Sample ID: LCS-51742 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: LCSS Batch ID: 51742 RunNo: 68052

Prep Date: 4/11/2020 Analysis Date: 4/13/2020 SeqNo: 2352274 Units: mg/Kg

Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Diesel Range Organics (DRO) 49 70 10 50.00 97.6 130

Surr: DNOP 4.8 5.000 96.4 55.1 146

Sample ID: 2004515-008AMS SampType: MS TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: S3-2' Batch ID: 51742 RunNo: 68052

Prep Date: 4/11/2020 Analysis Date: 4/13/2020 SeqNo: 2352276 Units: mg/Kg

SPK value SPK Ref Val %REC %RPD **RPDLimit** Analyte Result **PQL** LowLimit HighLimit Qual Diesel Range Organics (DRO) 110 10 49.95 64.98 97.9 47.4 136 Surr: DNOP 5.3 4.995 107 55.1 146

Qualifiers:

Value exceeds Maximum Contaminant Level

D Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

Value above quantitation range

Analyte detected below quantitation limits

Sample pH Not In Range

RL Reporting Limit Page 25 of 30

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2004515**

20-Apr-20

Client: Souder, Miller & Associates

Project: Ford State 001

Sample ID: 2004515-008AMSD SampType: MSD TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: S3-2' Batch ID: 51742 RunNo: 68052 Prep Date: 4/11/2020 Analysis Date: 4/13/2020 SeqNo: 2352277 Units: mg/Kg PQL SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Analyte LowLimit Qual Diesel Range Organics (DRO) 64.98 110 9.8 48.78 95.4 47.4 136 2.11 43.4 Surr: DNOP 5.4 4.878 110 55.1 146 0

Sample ID: MB-51849 TestCode: EPA Method 8015M/D: Diesel Range Organics SampType: MBLK Client ID: PBS Batch ID: 51849 RunNo: 68131 Prep Date: 4/16/2020 Analysis Date: 4/16/2020 SeqNo: 2356515 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Diesel Range Organics (DRO) ND 10 Motor Oil Range Organics (MRO) ND 50 Surr: DNOP 8.7 10.00 86.8 55.1 146

Sample ID: LCS-51849 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: LCSS Batch ID: 51849 RunNo: 68131 Prep Date: 4/16/2020 Analysis Date: 4/16/2020 SeqNo: 2356517 Units: mg/Kg Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual

 Diesel Range Organics (DRO)
 46
 10
 50.00
 0
 92.5
 70
 130

 Surr: DNOP
 4.3
 5.000
 85.7
 55.1
 146

Qualifiers:

- Value exceeds Maximum Contaminant Level
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 26 of 30

OC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2004515**

20-Apr-20

Client: Souder, Miller & Associates

Project: Ford State 001

Sample ID: mb-51735 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: **PBS** Batch ID: **51735** RunNo: **68118**

Prep Date: 4/11/2020 Analysis Date: 4/14/2020 SeqNo: 2354646 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Gasoline Range Organics (GRO) ND 5.0

Surr: BFB 970 1000 96.6 66.6 105

Sample ID: Ics-51735 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 51735 RunNo: 68118

Prep Date: 4/11/2020 Analysis Date: 4/14/2020 SeqNo: 2354647 Units: mg/Kg

HighLimit Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 5.0 25.00 O 90.6 80 120

Surr: BFB 1000 1000 104 66.6 105

Sample ID: mb-51738 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 51738 RunNo: 68118

Prep Date: 4/11/2020 Analysis Date: 4/14/2020 SeqNo: 2354670 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

 Gasoline Range Organics (GRO)
 ND
 5.0

 Surr: BFB
 970
 1000
 97.3
 66.6
 105

Sample ID: Ics-51738 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 51738 RunNo: 68118

Prep Date: 4/11/2020 Analysis Date: 4/14/2020 SeqNo: 2354671 Units: mg/Kg

Result **PQL** SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** LowLimit Qual Gasoline Range Organics (GRO) 22 5.0 25.00 87.8 80 120 Surr: BFB 1100 1000 106 66.6 105 S

Sample ID: 2004515-009ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range

Client ID: **\$3-3'** Batch ID: **51738** RunNo: **68118**

Prep Date: 4/11/2020 Analysis Date: 4/14/2020 SeqNo: 2354674 Units: mg/Kg

Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 22 5.0 0 69.1 24.98 89.0 142 S Surr: BFB 1100 999.0 109 66.6 105

Sample ID: 2004515-009amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range

Client ID: \$3-3' Batch ID: 51738 RunNo: 68118

Prep Date: 4/11/2020 Analysis Date: 4/14/2020 SeqNo: 2354675 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Qualifiers:

Value exceeds Maximum Contaminant Level

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 27 of 30

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2004515**

20-Apr-20

Client: Souder, Miller & Associates

Project: Ford State 001

Sample ID: 2004515-009amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range

Client ID: **\$3-3'** Batch ID: **51738** RunNo: **68118**

Prep Date: 4/11/2020 Analysis Date: 4/14/2020 SeqNo: 2354675 Units: mg/Kg

· ·	•			·			•	•			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Gasoline Range Organics (GRO)	20	4.9	24.73	0	82.0	69.1	142	9.22	20		
Surr: BFB	1100		989.1		108	66.6	105	0	0	S	

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 28 of 30

Hall Environmental Analysis Laboratory, Inc.

WO#: 2004515

20-Apr-20

Client: Souder, Miller & Associates

Project: Ford State 001

Sample ID: mb-51735 SampType: MBLK TestCode: EPA Method 8021B: Volatiles

Client ID: PBS RunNo: 68086 Batch ID: 51735

Prep Date: 4/11/2020 Analysis Date: 4/13/2020 SeqNo: 2353636 Units: %Rec

SPK value SPK Ref Val %RPD **RPDLimit** Analyte %REC LowLimit HighLimit Qual

Surr: 4-Bromofluorobenzene 0.99 1.000 99.0 80 120

Sample ID: LCS-51735 SampType: LCS TestCode: EPA Method 8021B: Volatiles

Client ID: LCSS Batch ID: 51735 RunNo: 68086

Prep Date: 4/11/2020 Analysis Date: 4/13/2020 SeqNo: 2353637 Units: %Rec

SPK value SPK Ref Val %REC %RPD **RPDLimit** Analyte Result PQL LowLimit HighLimit Qual

Surr: 4-Bromofluorobenzene 1.0 1.000 100 120

Sample ID: mb-51738 SampType: MBLK TestCode: EPA Method 8021B: Volatiles Client ID: PBS Batch ID: 51738 RunNo: 68086 Prep Date: 4/11/2020 Analysis Date: 4/13/2020 SeqNo: 2353660 Units: mg/Kg PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Analyte Result ND 0.025 Benzene ND 0.050 Toluene Ethylbenzene ND 0.050

ND Xylenes, Total 0.10 Surr: 4-Bromofluorobenzene 0.98 1.000 98.3 80 120

Client ID: LCSS Batch ID: 51738 RunNo: 68086

SampType: LCS

Prep Date: 4/11/2020 Analysis Date: 4/13/2020 SeqNo: 2353661

Units: mg/Kg Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Analyte Benzene 0.89 0.025 1.000 0 89.0 80 120 0 0.91 0.050 1.000 91.4 80 120 Toluene 0.94 0.050 1.000 0 94.3 80 120 Ethylbenzene Xylenes, Total 2.8 0.10 3.000 0 94.0 80 120 98.6 Surr: 4-Bromofluorobenzene 0.99 1.000 80 120

TestCode: EPA Method 8021B: Volatiles

Sample ID: 2004515-008ams SampType: MS TestCode: EPA Method 8021B: Volatiles

Client ID: S3-2' Batch ID: 51738 RunNo: 68086

Prep Date: 4/11/2020 Analysis Date: 4/13/2020 SeqNo: 2353663 Units: mg/Kg LowLimit Analyte Result PQL SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Qual Methyl tert-butyl ether (MTBE) 0.97 0.098 0.9833 0 99.1 21.6 180 Renzene 0.88 0.025 0.9833 0 89.4 78.5 119 Toluene 0.90 0.049 0.9833 0.01325 90.2 75.7 123 0.93 0.049 0.9833 0 94.2 74.3 126 Ethylbenzene

Qualifiers:

- Value exceeds Maximum Contaminant Level
- D Sample Diluted Due to Matrix

Sample ID: LCS-51738

- Holding times for preparation or analysis exceeded Н
- Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix

- Analyte detected in the associated Method Blank
- Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

WO#: 2004515

20-Apr-20

Client: Souder, Miller & Associates

Project: Ford State 001

Sample ID: 2004515-008ams SampType: MS TestCode: EPA Method 8021B: Volatiles

Client ID: S3-2' RunNo: 68086 Batch ID: 51738

Prep Date: 4/11/2020 Analysis Date: 4/13/2020 SeqNo: 2353663 Units: mg/Kg

PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Analyte Result Qual 0.01909 Xylenes, Total 2.8 0.098 2.950 93.4 72.9 130 Surr: 4-Bromofluorobenzene 0.98 0.9833 99.6 120

Sample ID: 2004515-008amsd TestCode: EPA Method 8021B: Volatiles SampType: MSD

Client ID: S3-2' Batch ID: 51738 RunNo: 68086

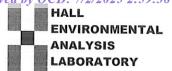
Prep Date: 4/11/2020	Analysis I	Date: 4 /	13/2020	٤	SeqNo: 2	353664	Units: mg/K	.g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.90	0.025	0.9911	0	90.6	78.5	119	2.15	20	
Toluene	0.92	0.050	0.9911	0.01325	91.9	75.7	123	2.62	20	
Ethylbenzene	0.95	0.050	0.9911	0	95.4	74.3	126	2.03	20	
Xylenes, Total	2.8	0.099	2.973	0.01909	95.1	72.9	130	2.56	20	
Surr: 4-Bromofluorobenzene	0.98		0.9911		99.4	80	120	0	0	

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix

- Analyte detected in the associated Method Blank
- Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109

Sample Log-In Check List

Albuquerque, NM 87109 Sample Lo
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Client Name: SMA-CARLSBAD	Work Order Number:	2004515		RcptNo:	1
Received By: Isaiah Ortiz	4/10/2020 8:25:00 AM		エ、C	4	
Completed By: Desiree Dominguez	4/10/2020 9:45:10 AM		THE		
Reviewed By: L/S	4/10/20		112		
Chain of Custody					
1. Is Chain of Custody sufficiently complete?		Yes 🗸	No 🗌	Not Present	
2. How was the sample delivered?		Courier			
<u>Log In</u>			🗆		
3. Was an attempt made to cool the samples?		Yes 🗸	No 📙	NA 📙	
4. Were all samples received at a temperature	of >0° C to 6.0°C	Yes 🗸	No 🗌	NA 🗆	
5. Sample(s) in proper container(s)?		Yes 🗸	No 🗌		
6. Sufficient sample volume for indicated test(s	s)?	Yes 🗹	No 🗌		
7. Are samples (except VOA and ONG) proper	ly preserved?	Yes 🗸	No 🗌		
8. Was preservative added to bottles?		Yes	No 🗸	NA \square	
9. Received at least 1 vial with headspace <1/4	" for AQ VOA?	Yes	No 🗌	NA 🗹	
10. Were any sample containers received broke	en?	Yes	No 🗸	# of preserved	
11. Does paperwork match bottle labels?		Yes 🗸	No 🗆	bottles checked for pH:	10/1
(Note discrepancies on chain of custody) 12. Are matrices correctly identified on Chain of	Custody?	Yes 🗸	No 🗆	Adjusted?	>12 unless noted)
13. Is it clear what analyses were requested?	custouy.	Yes 🗸	No 🗆		
14. Were all holding times able to be met? (If no, notify customer for authorization.)		Yes 🗸	No 🗆	Checked by:	18 4/10/5C
Special Handling (if applicable)					
15. Was client notified of all discrepancies with	this order?	Yes	No 🗌	NA 🗹	
Person Notified:	Date:				
By Whom:	Via:	eMail [] Phone \square Fax	☐ In Person	
Regarding:				Married Board of the Control of the	
Client Instructions:				Company of the Compan	
16. Additional remarks:					
	eal Intact Seal No S t Present	eal Date	Signed By		

Cha	in-of-C	Chain-of-Custody Record	Turn-Around Ti	Time: 5 day	h		2	-	L		Ē		eceive
Client: SN	SMA		☑ Standard	□ Rush				ANAL			Y S	MALL ENVIKONMENIAL ANALYSTS LABORATORY	
			Project Name:				_	www.hallenvironmental.com	allenv	ronm	ental.o	mox	
Mailing Address:	ress:		Ford St	ate #	100	4901	4901 Hawkins NE	IS NE	- Alb	lenbn	que, l	Albuquerque, NM 87109	: 7/2
			١			Tel. 5	Tel. 505-345-3975	5-397		ax 5	5-34	Fax 505-345-4107	2/202
Phone #:					3. 3.				Analysis		Request)t	5 2:
email or Fax#:	#:		Project Manager:	ger:					[⊅] O!		(ţu		59:.
QA/QC Package:	ige:		3			ЯM		SW	S Ԡ(əsq		38 P
☐ Standard		☐ Level 4 (Full Validation)	Ashley	/ Moxwell	pel i	\ O5		IISO.	ЭЧ '		∀∖tu		M
Accreditation:		☐ Az Compliance ☐ Other	Sampler: On Ice:	SO ST Yes	No	O / DE							
□ EDD (Type)			# of Coolers:	-		สอ)			_				
			Cooler Temp	including CF): ピノ	Cooler Temp(including CF): 4ブイの, (トロリア (°C)	12D					1		
oteO	Motric	Sample Name	Container	Preservative	HEAL No.	\ X3TEX \ 08:Hq 69 \ P6	M) 803	d sHA	3, F, E	V) 09Z	2) 072 Otal Co		
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01:11	10	111-18			F004								
11:52	2	52-21			- 005								
11:56	je je	Sa-41			- 006							7	
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12:13	2	53-21			-008							. 1	
12:19	61	53-31			- 004								
12:20	07	53-41			-010								
10:38	80	55-21			-011								
J 10:145	3	55-31	-)	-}	-017	-)							
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Date: Time:	Relinquished by:	shed by:	Received by	Via:	(Date Time								re 32
4/9/20 1940	4		1-0-1	Cours	4/10/20 0828								8 of
If neces	ssary, samples s	If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories.	ontracted to other ac	scredited laboratorie	This serves as r	possibility. Any	sub-contr	acted da	a will be	clearly	notated	on the analytical report.	359

ceive		_	D: 7/2	2/20	25 <i>2</i> .	59:.	38 PM																			Pa	ge 32	9 of
FNVTRONMENTAL	ANALYSIS LABORATORY		www.nanenvinolintenta.com ns NE - Albuquerque, NM 87109		Anal				(/	10 <i>i</i>) (/ V-ir	Br, VO⁄	CD)F, 8260 ('8 8270 (; Total C)							×	×	×	×				
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			,										X3T8	X		~	\times		~	(X	\ \	X	X		Remarks		
Turn-Around Time: 5 day	☑ Standard □ Rush	Project Name:	Ford State # col)		Project Manager:		30	Sampler: SC C C C C C C C C C C C C C C C C C C	low. W. Tes	1 CF 10	Cooler Lemp(including CF):	Container Preservative HEAL No. Type and # Type		2 h10-	210	- 910-	£10-	-018	610-	020-	120-	720 -	T T -023		Received by. Via: Date Time F	1	Jam dio/20 0823
Chain-of-Custody Record	A.	<u>a</u>		<u>ā</u>		Ā		4 (Full Validation)	mpliance		# (<u>ŏ</u>	Sample Name	1 55-41	1-08	56-21	14-98	57-11	57-21	57-41	SWI	SWZ	SWS	- SWH	(Relinquished by: Reinquished by:	Relinquished by:	
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hain	Siv		Mailing Address:		# :	r Fax#:	QA/QC Package:	dard	tation:	FDD (Tymo)	(adk I)		Time	Lh:01	12:43	5h:21	12:53	12:30	12:30	12:35	1:23	1:27	1:31	236		Time:	Time:	ab
i	Client:		Mailing Mailing		Phone #:	email or Fax#:	0:43:3		M Accreditation:				Date	418120										7 05		Date:	Date:	9/9/20



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

March 10, 2020

Ashley Maxwell Souder, Miller & Associates 201 S Halagueno Carlsbad, NM 88221 TEL: (575) 689-8801

FAX

RE: Ford State 001 OrderNo.: 2002D03

Dear Ashley Maxwell:

Hall Environmental Analysis Laboratory received 6 sample(s) on 2/29/2020 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman

Laboratory Manager

Indes

4901 Hawkins NE

Albuquerque, NM 87109

Date Reported: 3/10/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: Comp (1)-1'

 Project:
 Ford State 001
 Collection Date: 2/28/2020 3:40:00 PM

 Lab ID:
 2002D03-001
 Matrix: SOIL
 Received Date: 2/29/2020 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: CAS
Chloride	74	60		mg/Kg	20	3/4/2020 10:54:39 PM	50887
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Analyst	: BRM
Diesel Range Organics (DRO)	2300	190		mg/Kg	20	3/9/2020 12:07:42 PM	50842
Motor Oil Range Organics (MRO)	2400	970		mg/Kg	20	3/9/2020 12:07:42 PM	50842
Surr: DNOP	0	55.1-146	S	%Rec	20	3/9/2020 12:07:42 PM	50842
EPA METHOD 8015D: GASOLINE RANGE						Analyst	: RAA
Gasoline Range Organics (GRO)	69	23	D	mg/Kg	5	3/6/2020 12:07:54 PM	50833
Surr: BFB	170	66.6-105	SD	%Rec	5	3/6/2020 12:07:54 PM	50833
EPA METHOD 8021B: VOLATILES						Analyst	: RAA
Benzene	ND	0.12	D	mg/Kg	5	3/6/2020 12:07:54 PM	50833
Toluene	ND	0.23	D	mg/Kg	5	3/6/2020 12:07:54 PM	50833
Ethylbenzene	ND	0.23	D	mg/Kg	5	3/6/2020 12:07:54 PM	50833
Xylenes, Total	0.59	0.46	D	mg/Kg	5	3/6/2020 12:07:54 PM	50833
Surr: 4-Bromofluorobenzene	94.4	80-120	D	%Rec	5	3/6/2020 12:07:54 PM	50833

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 1 of 10

Date Reported: 3/10/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: Comp (2)-1'

 Project:
 Ford State 001
 Collection Date: 2/28/2020 3:50:00 PM

 Lab ID:
 2002D03-002
 Matrix: SOIL
 Received Date: 2/29/2020 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	78	60	mg/Kg	20	3/4/2020 11:07:00 PM	50887
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	BRM
Diesel Range Organics (DRO)	60	9.7	mg/Kg	1	3/9/2020 12:47:20 PM	50842
Motor Oil Range Organics (MRO)	110	49	mg/Kg	1	3/9/2020 12:47:20 PM	50842
Surr: DNOP	89.4	55.1-146	%Rec	1	3/9/2020 12:47:20 PM	50842
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: RAA
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	3/6/2020 12:31:33 PM	50833
Surr: BFB	83.5	66.6-105	%Rec	1	3/6/2020 12:31:33 PM	50833
EPA METHOD 8021B: VOLATILES					Analyst	: RAA
Benzene	ND	0.023	mg/Kg	1	3/6/2020 12:31:33 PM	50833
Toluene	ND	0.046	mg/Kg	1	3/6/2020 12:31:33 PM	50833
Ethylbenzene	ND	0.046	mg/Kg	1	3/6/2020 12:31:33 PM	50833
Xylenes, Total	ND	0.093	mg/Kg	1	3/6/2020 12:31:33 PM	50833
Surr: 4-Bromofluorobenzene	92.5	80-120	%Rec	1	3/6/2020 12:31:33 PM	50833

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 2 of 10

Date Reported: 3/10/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: S2-1'

 Project:
 Ford State 001
 Collection Date: 2/28/2020 1:35:00 PM

 Lab ID:
 2002D03-003
 Matrix: SOIL
 Received Date: 2/29/2020 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	CAS
Chloride	130	60		mg/Kg	20	3/4/2020 11:19:21 PM	50887
EPA METHOD 8015M/D: DIESEL RANGE ORG	BANICS					Analyst	: BRM
Diesel Range Organics (DRO)	3000	200		mg/Kg	20	3/9/2020 1:09:23 PM	50842
Motor Oil Range Organics (MRO)	3200	980		mg/Kg	20	3/9/2020 1:09:23 PM	50842
Surr: DNOP	0	55.1-146	S	%Rec	20	3/9/2020 1:09:23 PM	50842
EPA METHOD 8015D: GASOLINE RANGE						Analyst	: RAA
Gasoline Range Organics (GRO)	ND	24	D	mg/Kg	5	3/6/2020 12:55:10 PM	50833
Surr: BFB	110	66.6-105	SD	%Rec	5	3/6/2020 12:55:10 PM	50833
EPA METHOD 8021B: VOLATILES						Analyst	: RAA
Benzene	ND	0.12	D	mg/Kg	5	3/6/2020 12:55:10 PM	50833
Toluene	ND	0.24	D	mg/Kg	5	3/6/2020 12:55:10 PM	50833
Ethylbenzene	ND	0.24	D	mg/Kg	5	3/6/2020 12:55:10 PM	50833
Xylenes, Total	ND	0.48	D	mg/Kg	5	3/6/2020 12:55:10 PM	50833
Surr: 4-Bromofluorobenzene	86.5	80-120	D	%Rec	5	3/6/2020 12:55:10 PM	50833

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 3/10/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: S4-1'

 Project:
 Ford State 001
 Collection Date: 2/28/2020 1:40:00 PM

 Lab ID:
 2002D03-004
 Matrix: SOIL
 Received Date: 2/29/2020 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	ND	60	mg/Kg	20	3/4/2020 11:31:43 PM	50887
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	3/4/2020 9:27:35 PM	50842
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	3/4/2020 9:27:35 PM	50842
Surr: DNOP	87.9	55.1-146	%Rec	1	3/4/2020 9:27:35 PM	50842
EPA METHOD 8015D: GASOLINE RANGE					Analyst	RAA
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	3/6/2020 1:18:43 PM	50833
Surr: BFB	80.9	66.6-105	%Rec	1	3/6/2020 1:18:43 PM	50833
EPA METHOD 8021B: VOLATILES					Analyst	RAA
Benzene	ND	0.023	mg/Kg	1	3/6/2020 1:18:43 PM	50833
Toluene	ND	0.046	mg/Kg	1	3/6/2020 1:18:43 PM	50833
Ethylbenzene	ND	0.046	mg/Kg	1	3/6/2020 1:18:43 PM	50833
Xylenes, Total	ND	0.092	mg/Kg	1	3/6/2020 1:18:43 PM	50833
Surr: 4-Bromofluorobenzene	90.2	80-120	%Rec	1	3/6/2020 1:18:43 PM	50833

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 3/10/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: S5-1'

 Project:
 Ford State 001
 Collection Date: 2/28/2020 2:00:00 PM

 Lab ID:
 2002D03-005
 Matrix: SOIL
 Received Date: 2/29/2020 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	CAS
Chloride	200	59		mg/Kg	20	3/4/2020 11:44:04 PM	50887
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS					Analyst	BRM
Diesel Range Organics (DRO)	69	9.8		mg/Kg	1	3/9/2020 1:53:39 PM	50842
Motor Oil Range Organics (MRO)	200	49		mg/Kg	1	3/9/2020 1:53:39 PM	50842
Surr: DNOP	89.0	55.1-146		%Rec	1	3/9/2020 1:53:39 PM	50842
EPA METHOD 8015D: GASOLINE RANGE						Analyst	RAA
Gasoline Range Organics (GRO)	ND	24	D	mg/Kg	5	3/6/2020 1:42:05 PM	50833
Surr: BFB	78.3	66.6-105	D	%Rec	5	3/6/2020 1:42:05 PM	50833
EPA METHOD 8021B: VOLATILES						Analyst	RAA
Benzene	ND	0.12	D	mg/Kg	5	3/6/2020 1:42:05 PM	50833
Toluene	ND	0.24	D	mg/Kg	5	3/6/2020 1:42:05 PM	50833
Ethylbenzene	ND	0.24	D	mg/Kg	5	3/6/2020 1:42:05 PM	50833
Xylenes, Total	ND	0.48	D	mg/Kg	5	3/6/2020 1:42:05 PM	50833
Surr: 4-Bromofluorobenzene	87.1	80-120	D	%Rec	5	3/6/2020 1:42:05 PM	50833

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 3/10/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: S8-1'

 Project:
 Ford State 001
 Collection Date: 2/28/2020 2:38:00 PM

 Lab ID:
 2002D03-006
 Matrix: SOIL
 Received Date: 2/29/2020 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	140	60	mg/Kg	20	3/4/2020 11:56:26 PM	50887
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	3/4/2020 9:45:46 PM	50842
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	3/4/2020 9:45:46 PM	50842
Surr: DNOP	99.3	55.1-146	%Rec	1	3/4/2020 9:45:46 PM	50842
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: RAA
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	3/6/2020 2:05:27 PM	50833
Surr: BFB	80.1	66.6-105	%Rec	1	3/6/2020 2:05:27 PM	50833
EPA METHOD 8021B: VOLATILES					Analyst	: RAA
Benzene	ND	0.024	mg/Kg	1	3/6/2020 2:05:27 PM	50833
Toluene	ND	0.048	mg/Kg	1	3/6/2020 2:05:27 PM	50833
Ethylbenzene	ND	0.048	mg/Kg	1	3/6/2020 2:05:27 PM	50833
Xylenes, Total	ND	0.096	mg/Kg	1	3/6/2020 2:05:27 PM	50833
Surr: 4-Bromofluorobenzene	88.2	80-120	%Rec	1	3/6/2020 2:05:27 PM	50833

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2002D03**

10-Mar-20

Client: Souder, Miller & Associates

Project: Ford State 001

Sample ID: MB-50887 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 50887 RunNo: 67015

Prep Date: 3/4/2020 Analysis Date: 3/4/2020 SeqNo: 2307606 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID: LCS-50887 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 50887 RunNo: 67015

Prep Date: 3/4/2020 Analysis Date: 3/4/2020 SeqNo: 2307607 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 14 1.5 15.00 0 91.1 90 110

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2002D03**

Client: Souder, Miller & Associates

Project: Ford State 001

Sample ID: LCS-50842 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: LCSS Batch ID: 50842 RunNo: 67011

Prep Date: 3/3/2020 Analysis Date: 3/4/2020 SeqNo: 2306911 Units: mg/Kg

SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Analyte Result PQL LowLimit Qual Diesel Range Organics (DRO) 10 42 n 70 130

Diesel Range Organics (DRO) 42 10 50.00 0 84.8 70 130 Surr: DNOP 4.6 5.000 92.2 55.1 146

Sample ID: MB-50842 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: PBS Batch ID: 50842 RunNo: 67011

Prep Date: 3/3/2020 Analysis Date: 3/4/2020 SeqNo: 2306913 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Diesel Range Organics (DRO) ND 10

Motor Oil Range Organics (MRO) ND 50

Surr: DNOP 11 10.00 105 55.1 146

Sample ID: LCS-50931 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: LCSS Batch ID: 50931 RunNo: 67107

Prep Date: 3/6/2020 Analysis Date: 3/9/2020 SeqNo: 2312091 Units: %Rec

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Surr: DNOP 4.3 5.000 85.8 55.1 146

Sample ID: MB-50931 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: PBS Batch ID: 50931 RunNo: 67107

Prep Date: 3/6/2020 Analysis Date: 3/9/2020 SeqNo: 2312093 Units: %Rec

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Surr: DNOP 9.1 10.00 91.5 55.1 146

Qualifiers:

Value exceeds Maximum Contaminant Level

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2002D03**

10-Mar-20

Client: Souder, Miller & Associates

Project: Ford State 001

Sample ID: mb-50833 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 50833 RunNo: 67050

Prep Date: 3/3/2020 Analysis Date: 3/6/2020 SeqNo: 2307829 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Gasoline Range Organics (GRO) ND 5.0

Surr: BFB 840 1000 83.5 66.6 105

Sample ID: Ics-50833 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 50833 RunNo: 67050

880

Prep Date: 3/3/2020 Analysis Date: 3/6/2020 SeqNo: 2307830 Units: mg/Kg

1000

Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual 80 Gasoline Range Organics (GRO) 21 5.0 25.00 0 82.2 120

87.8

66.6

105

Qualifiers:

Surr: BFB

Value exceeds Maximum Contaminant Level

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

0.96

WO#: 2002D03

10-Mar-20

Client: Souder, Miller & Associates

Project: Ford State 001

Sample ID: mb-50833 SampType: MBLK TestCode: EPA Method 8021B: Volatiles Client ID: PBS Batch ID: 50833 RunNo: 67050 Prep Date: 3/3/2020 Analysis Date: 3/6/2020 SeqNo: 2307876 Units: mg/Kg Analyte PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Result Benzene ND 0.025 Toluene ND 0.050 Ethylbenzene ND 0.050

Xylenes, Total ND 0.10

0.92 1.000 92.2 80 120 Surr: 4-Bromofluorobenzene

1.000

Sample ID: LCS-50833	SampT	ype: LC	S	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: LCSS	Batcl	n ID: 50 8	833	F	RunNo: 6	7050				
Prep Date: 3/3/2020	Analysis D	Date: 3/0	6/2020	8	SeqNo: 2	307877	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.97	0.025	1.000	0	97.3	80	120			
Toluene	1.0	0.050	1.000	0	100	80	120			
Ethylbenzene 1.0 0.050 1.000				0	102	80	120			
Xylenes, Total 3.1 0.10 3.000				0	102	80	120			

95.7

80

120

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix

Surr: 4-Bromofluorobenzene

- Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix

- Analyte detected in the associated Method Blank
- Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109

Sample Log-In Check List

TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

Clie	ent Name:	SMA-CARL	SBAD	Work	Order Num	nber: 200 2	2D03			RcptNo	: 1	<u> </u>
Rec	eived By:	Erin Melen	ndrez	2/29/202	20 8:00:00	АМ		M	NL			
Com	pleted By:	Erin Melen	ndrez	2/29/202	20 11:29:1	2 AM		Uno Uno	US			
Revi	iewed By: E	ИM		3/2/	05				٠ رـ			
<u>Cha</u>	in of Cust	ody								_		
1. Is	S Chain of Cu	stody sufficie	ently complete	∍?		Yes	V	No		Not Present		
2. H	low was the s	ample delive	ered?			Cou	<u>ier</u>					
	g <i>In</i> /as an attem _i	ot made to co	ool the sampl	es?		Yes	✓	No		na 🗆		
4. W	ere all samp	es received	at a temperat	ure of >0° C t	o 6.0°C	Yes	~	No		na 🗆		
5. s	ample(s) in p	roper contail	ner(s)?			Yes	✓	No				
6. Si	ufficient samp	ole volume fo	or indicated te	st(s)?		Yes	✓	No				
7. Ar	e samples (e	xcept VOA a	and ONG) pro	perly preserve	ıd?	Yes	✓	No				
8. W	'as preservati	ve added to	bottles?			Yes		No	V	NA 🗆		
9. Re	eceived at lea	ast 1 vial with	headspace <	<1/4" for AQ V	OA?	Yes				NA 🗹		
10. V	/ere any sam	ple containe	rs received br	oken?		Yes		No	V	# of preserved		
	oes paperwor lote discrepar					Yes	✓	No			· >12 unie	ess noted)
12. Ar	e matrices co	orrectly ident	ified on Chair	of Custody?		Yes	✓	No		Adjusted?		
13. ls	it clear what	analyses we	re requested?	?			✓	No		/ /		53 1- 7
	ere all holdin no, notify cu	-				Yes	V	No		Checked by:	DAD	317/70
Spec	ial Handli	ng (if app	licable)									
15.V	Vas client not	ified of all dis	screpancies w	ith this order?	,	Yes		No		NA 🗹		
	Person t By Whor Regardir Client In	n:			Date Via:	***************************************	ail _	Phone	Fax	☐ In Person		
16. <i>A</i>	Additional ren	narks:										
17. <u>c</u>	Cooler Inform											
	Cooler No.	Temp °C	Condition	Seal Intact	Seal No.	Seal D	ate	Signed I	Зу 🦠			
	1	3.8	Good				···					
	2	1.4	Good					<u> </u>				

Chain-of-Custody Record	Turn-Around Time: 5 day		Receive
Client: SMA - Carlsbad	Z Standard □ Rush	HALL ENVIRONMENT ANALYSIS LABORAT	ral OR√
	Project Name:		
Mailing Address: 201 S. Halagyeno S	St. Fool State #001	4901 Hawkins NE - Albuquerque, NM 87109	87109
Carbbad NM BB220		Tel. 505-345-3975 Fax 505-345-4107 Analysis Request	
Fax#: ashley . maxwell	Sayle, miller. Project Manager:	*O:	9:3
	on) Achler Maximi		8 PM
. □ Az Con	Sampler: 56V	0 / DR 04.1) 04.27) 37.28 γα 00.2,	
ype)		(GR 310 (S 310 (S 310 (S)	
	Cooler Temp(inquing cn);U_1_0,3(cp=0.8.8 (°0)	Pestic (Methors) by 83 by 83 A 8 Methors Br, 1 (Semi	
Date Time Matrix Sample Name	Container Preservative 200200	8081 EDB EDB TPH:	
11 - (1) Comp (1) - 11	coc 1	×	
3:80	200-		
	200-		
1:40 34-11	h(V)-		
2:00 55-1	90-11		
1-88 1 2:38	9W- 7	→> ->->	
	,		
Date: Time: Relinquished by:	Received by: Wila. The Bater Time Of the World Coll	Remarks:	Page
Date: Time: (Relinquished by:	1		342 of 3
If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories.	be subcontracted to other accredited laboratories. This serves as notice of this possibility.	his possibility. Any sub-contracted data will be clearly notated on the analytical report	



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

June 23, 2020

Ashley Maxwell Souder, Miller & Associates 201 S Halagueno Carlsbad, NM 88221

TEL: (575) 689-8801 FAX: (505) 327-1496

RE: Ford State #1 OrderNo.: 2006854

Dear Ashley Maxwell:

Hall Environmental Analysis Laboratory received 1 sample(s) on 6/17/2020 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman

Laboratory Manager

andyl

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report Lab Order 2006854

Date Reported: 6/23/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates Client Sample ID: S5-5'

 Project:
 Ford State #1
 Collection Date: 6/15/2020 10:30:00 AM

 Lab ID:
 2006854-001
 Matrix: SOIL
 Received Date: 6/17/2020 9:10:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	ND	60	mg/Kg	20	6/21/2020 11:52:40 PM	53209
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	9.1	mg/Kg	1	6/19/2020 10:21:15 PM	53169
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	6/19/2020 10:21:15 PM	53169
Surr: DNOP	90.0	55.1-146	%Rec	1	6/19/2020 10:21:15 PM	53169
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: RAA
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	6/20/2020 1:33:50 AM	53137
Surr: BFB	81.0	66.6-105	%Rec	1	6/20/2020 1:33:50 AM	53137
EPA METHOD 8021B: VOLATILES					Analyst	: RAA
Benzene	ND	0.024	mg/Kg	1	6/20/2020 1:33:50 AM	53137
Toluene	ND	0.048	mg/Kg	1	6/20/2020 1:33:50 AM	53137
Ethylbenzene	ND	0.048	mg/Kg	1	6/20/2020 1:33:50 AM	53137
Xylenes, Total	ND	0.097	mg/Kg	1	6/20/2020 1:33:50 AM	53137
Surr: 4-Bromofluorobenzene	105	80-120	%Rec	1	6/20/2020 1:33:50 AM	53137

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 1 of 5

Hall Environmental Analysis Laboratory, Inc.

WO#: **2006854 23-Jun-20**

Client: Souder, Miller & Associates

Project: Ford State #1

Sample ID: MB-53209 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 53209 RunNo: 69792

Prep Date: 6/21/2020 Analysis Date: 6/21/2020 SeqNo: 2423510 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID: LCS-53209 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 53209 RunNo: 69792

Prep Date: 6/21/2020 Analysis Date: 6/21/2020 SeqNo: 2423511 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 14 1.5 15.00 0 94.3 90 110

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 2 of 5

Hall Environmental Analysis Laboratory, Inc.

WO#: **2006854 23-Jun-20**

Client: Souder, Miller & Associates

Project: Ford State #1

Sample ID: LCS-53169 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: LCSS Batch ID: 53169 RunNo: 69757

Prep Date: 6/19/2020 Analysis Date: 6/19/2020 SeqNo: 2421977 Units: mg/Kg

PQL SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Analyte Result LowLimit Qual Diesel Range Organics (DRO) 10 0 51 50.00 102 70 130

Surr: DNOP 4.4 5.000 88.0 55.1 146

Sample ID: MB-53169 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: PBS Batch ID: 53169 RunNo: 69757

Prep Date: 6/19/2020 Analysis Date: 6/19/2020 SeqNo: 2421979 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Diesel Range Organics (DRO) ND 10
Motor Oil Range Organics (MRO) ND 50

Surr: DNOP 9.6 10.00 95.6 55.1 146

Sample ID: LCS-53187 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: LCSS Batch ID: 53187 RunNo: 69768

Prep Date: 6/19/2020 Analysis Date: 6/20/2020 SeqNo: 2422440 Units: %Rec

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Surr: DNOP 6.5 5.000 131 55.1 146

Sample ID: MB-53187 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: PBS Batch ID: 53187 RunNo: 69768

Prep Date: 6/19/2020 Analysis Date: 6/20/2020 SeqNo: 2422443 Units: %Rec

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Surr: DNOP 12 10.00 115 55.1 146

Qualifiers:

- Value exceeds Maximum Contaminant Level
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 3 of 5

Hall Environmental Analysis Laboratory, Inc.

#: 2006854 23-Jun-20

WO#:

Client: Souder, Miller & Associates

Project: Ford State #1

Sample ID: Ics-53137 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 53137 RunNo: 69769

Prep Date: 6/17/2020 Analysis Date: 6/19/2020 SeqNo: 2422183 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

 Gasoline Range Organics (GRO)
 23
 5.0
 25.00
 0
 90.8
 80
 120

 Surr: BFB
 910
 1000
 90.9
 66.6
 105

Sample ID: mb-53137 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 53137 RunNo: 69769

Prep Date: 6/17/2020 Analysis Date: 6/19/2020 SeqNo: 2422184 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Gasoline Range Organics (GRO) ND 5.0

Surr: BFB 830 1000 83.2 66.6 105

Qualifiers:

- Value exceeds Maximum Contaminant Level
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2006854**

23-Jun-20

Client: Souder, Miller & Associates

Project: Ford State #1

Sample ID: LCS-53137	SampT	ype: LC	S	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: LCSS	Batch ID: 53137		RunNo: 69769							
Prep Date: 6/17/2020	Analysis D	Date: 6 /	19/2020	S	SeqNo: 2	422214	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.98	0.025	1.000	0	97.6	80	120			
Toluene	1.0	0.050	1.000	0	101	80	120			
Ethylbenzene	1.0	0.050	1.000	0	99.8	80	120			
Xylenes, Total	3.0	0.10	3.000	0	101	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		107	80	120			

Sample ID: mb-53137	SampT	Гуре: МЕ	BLK	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: PBS	Batch ID: 53137		RunNo: 69769							
Prep Date: 6/17/2020	Analysis D	Date: 6 /	19/2020	S	SeqNo: 2	422215	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.1		1.000		107	80	120			

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109

TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name:	Souder, Miller & Associates	Work Order Nun	nber: 2006854		RcptNo:	1
Received By:	Emily Mocho	6/17/2020 9:10:00	AM			
Completed By:	Juan Rojas	6/17/2020 9:58:23	AM	Hansig	-	
Reviewed By:	Em 6/17	120				
Chain of Cus	<u>tody</u>					
1. Is Chain of Co	ustody complete?		Yes 🗸	No 🗌	Not Present	
2. How was the	sample delivered?		Courier			
Log In						
	pt made to cool the	e samples?	Yes 🗸	No 🗌	NA \square	
4. Were all samp	oles received at a te	emperature of >0° C to 6.0°C	Yes 🗸	No 🗆	NA \square	
5. Sample(s) in p	proper container(s)?	?	Yes 🗸	No 🗌		
6. Sufficient sam	ple volume for indic	cated test(s)?	Yes 🗸	No 🗌		
7. Are samples (except VOA and Of	NG) properly preserved?	Yes 🗸	No \square		
8. Was preserva	tive added to bottles	s?	Yes	No 🗸	NA \square	
9. Received at le	ast 1 vial with head	space <1/4" for AQ VOA?	Yes	No 🗌	NA 🗸	70
10. Were any san	nple containers rece	eived broken?	Yes	No 🗸	# of preserved	1/12/20
11 Door nananya	urk matab battla laba	ala 2	V •	No 🗆	bottles checked	6/1/10
	ork match bottle labe ancies on chain of c		Yes 🗸	No 🗀	for pH: (<2 or	>12 unless noted)
12. Are matrices of	correctly identified o	n Chain of Custody?	Yes 🗸	No 🗌	Adjusted?	
13. Is it clear what	analyses were req	uested?	Yes 🗸	No 🗌		
	ng times able to be ustomer for authoriz		Yes 🗹	No 🗌	Checked by:	
	ing (if applicab	· · · · · · · · · · · · · · · · · · ·				
		ncies with this order?	Yes	No 🗌	NA 🗹	
	Notified:					
By Who		Date Via:	•	Phone Fax	□ In Dassan	
Regardi		Via.	eiviaii F	Tione rax	☐ In Person	
	nstructions:					
16. Additional rer	marks:					
17. <u>Cooler Infor</u>	mation					
Cooler No		dition Seal Intact Seal No	Seal Date	Signed By		
1	3.4 Good			•		

HALL ENVIRONMENTAL ANALYSIS LABORATORY www.hallenvironmental.com 4901 Hawkins NE - Albuquerque NM 87109	Fax 505-345-4107 Analysis Request	8081 Pesticides/8082 PCB's EDB (Method 504.1) PAHs by 8310 or 8270SIMS RCRA 8 Metals 8260 (VOA) 8270 (Semi-VOA) Total Coliform (Present/Absent)		Page 35
Sday Rush		Ager: Maxwell Maxwell Agerican No MR MR MR MR MR MR MR M	X 100-	Date Time Remarks: ### Page 1
Turn-Around Time	Project #:	alidation) ASh (Coolers: # of Coolers: Cooler Temp Container Type and #	1-402	Received by: Via:
Client: Chain-of-Custody Record	Phone #:	email or Fax#: Cabox fran, Orcaco (C. Soudermille) QA/QC Package: Standard	20 10:30 Soil SS - 5	Date: Time: Relinquished by: Date: Time: Relinquished by:

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

Phone: (505) 629-6116
Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS

Action 480264

QUESTIONS

Operator:	OGRID:
JUDAH OIL LLC	245872
PO Box 568	Action Number:
Artesia, NM 88211	480264
	Action Type:
	[C-141] Revegetation Report C-141 (C-141-v-Revegetation)

QUESTIONS

Prerequisites					
Incident ID (n#)	nKMW1106735785				
Incident Name	NKMW1106735785 FORD STATE #001 @ 30-015-22512				
Incident Type	Oil Release				
Incident Status	Re-vegetation Report Received				
Incident Well	[30-015-22512] FORD STATE #001				

Location of Release Source				
Please answer all the questions in this group.				
Site Name	FORD STATE #001			
Date Release Discovered	02/04/2011			
Surface Owner	State			

Incident Details					
Please answer all the questions in this group.					
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	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for	or the volumes provided should be attached to the follow-up C-141 submission.
Crude Oil Released (bbls) Details	Cause: Human Error Flow Line - Production Crude Oil Released: 4 BBL Recovered: 0 BBL Lost: 4 BBL.
Produced Water Released (bbls) Details	Cause: Human Error Flow Line - Production Produced Water Released: 15 BBL Recovered: 0 BBL Lost: 15 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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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 2

Action 480264

QUESTIONS	(continued)
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Operator: JUDAH OIL LLC	OGRID: 245872	
PO Box 568	Action Number:	
Artesia, NM 88211	480264	
	Action Type: [C-141] Revegetation Report C-141 (C-141-v-Revegetation)	
QUESTIONS		
Nature and Volume of Release (continued)		
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.	
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No	
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.	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 s	afety 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	t 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.		
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of ed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.	
to report and/or file certain release notifications and perform corrective actions for releathe OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or	
I hereby agree and sign off to the above statement	Name: Ashlie Quinones Title: office manager Email: ashlie@judahoil.com Date: 07/02/2025	

General Information
Phone: (505) 629-6116
Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.

State of New Mexico

QUESTIONS, Page 3

Action 480264

QUESTIONS (continued)

Santa Fe, NM 87505

Operator:	OGRID:
JUDAH OIL LLC	245872
PO Box 568	Action Number:
Artesia, NM 88211	480264
	Action Type:
	[C-141] Revegetation Report C-141 (C-141-v-Revegetation)

QUESTIONS

QUESTIONS	
Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approva release discovery date.	l and beyond). This information must be provided to the appropriate district office no later than 90 days after the
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	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)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1000 (ft.) and ½ (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	Medium
A 100-year floodplain	Between 1000 (ft.) and ½ (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	
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination as	ssociated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
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)	390	
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	8590	
GRO+DRO (EPA SW-846 Method 8015M)	5800	
BTEX (EPA SW-846 Method 8021B or 8260B)	16	
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	03/17/2011	
On what date will (or did) the final sampling or liner inspection occur	02/17/2025	
On what date will (or was) the remediation complete(d)	07/29/2020	
What is the estimated surface area (in square feet) that will be reclaimed	4500	
What is the estimated volume (in cubic yards) that will be reclaimed	556	
What is the estimated surface area (in square feet) that will be remediated	4500	
What is the estimated volume (in cubic yards) that will be remediated	556	
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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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 4

Action 480264

QUESTIONS (continued)

Operator:	OGRID:
JUDAH OIL LLC	245872
PO Box 568	Action Number:
Artesia, NM 88211	480264
	Action Type:
	[C-141] Revegetation Report C-141 (C-141-v-Revegetation)

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	No
OR is the off-site disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No

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.

Name: Ashlie Quinones
Title: office manager
Email: ashlie@judahoil.com
Date: 07/02/2025

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

QUESTIONS, Page 5

Action 480264

QUESTIONS (continued)

Operator:	OGRID:
JUDAH OIL LLC	245872
PO Box 568	Action Number:
Artesia, NM 88211	480264
	Action Type:
	[C-141] Revegetation Report C-141 (C-141-v-Revegetation)

QUESTIONS

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

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

QUESTIONS, Page 6

Action 480264

QUESTIONS (c	continued)
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Operator:	OGRID:
JUDAH OIL LLC	245872
PO Box 568	Action Number:
Artesia, NM 88211	480264
	Action Type:
	[C-141] Revegetation Report C-141 (C-141-v-Revegetation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	431817
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/17/2025
What was the (estimated) number of samples that were to be gathered	1
What was the sampling surface area in square feet	200

Remediation Closure Request		
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.		
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	4500	
What was the total volume (cubic yards) remediated	556	
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	4500	
What was the total volume (in cubic yards) reclaimed	556	
Summarize any additional remediation activities not included by answers (above)	confirmation sampling of 9 samples were done on March 7, 2024. Results of ND were obtained from all samples.	

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.

Name: Ashlie Quinones
Title: office manager
Email: ashlie@judahoil.com
Date: 07/02/2025

General Information Phone: (505) 629-6116

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

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

QUESTIONS, Page 7

Action 480264

QUED HONO (COHUNGEO	QUESTIONS	(continued)
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Operator: JUDAH OIL LLC	OGRID: 245872
PO Box 568	Action Number:
Artesia, NM 88211	480264
,	Action Type:
	[C-141] Revegetation Report C-141 (C-141-v-Revegetation)
QUESTIONS	
Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	4500
What was the total volume of replacement material (in cubic yards) for this site	556
	four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 ver must include a top layer, which is either the background thickness of topsoil or one foot of suitable material
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseeding commence(d)	07/28/2020
Summarize any additional reclamation activities not included by answers (above)	Judah Oil, LLC respectfully request a variance under 19.15.29.14.B NMAC. Pictures are attached to report of current vegetative state.
	eclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13
to report and/or file certain release notifications and perform corrective actions for release the OCD does not relieve the operator of liability should their operations have failed to a water, human health or the environment. In addition, OCD acceptance of a C-141 report	knowledge and understand that pursuant to OCD rules and regulations all operators are required sess which may endanger public health or the environment. The acceptance of a C-141 report by idequately investigate and remediate contamination that pose a threat to groundwater, surface does not relieve the operator of responsibility for compliance with any other federal, state, or ally restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed no notification to the OCD when reclamation and re-vegetation are complete.

Name: Ashlie Quinones Title: office manager

Email: ashlie@judahoil.com Date: 07/02/2025

Released to Imaging: 10/1/2025 10:43:35 AM

I hereby agree and sign off to the above statement

General Information Phone: (505) 629-6116

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

QUESTIONS, Page 8

Action 480264

QUESTIONS (continued)

Operator:	OGRID:
JUDAH OIL LLC	245872
PO Box 568	Action Number:
Artesia, NM 88211	480264
	Action Type:
	[C-141] Revegetation Report C-141 (C-141-v-Revegetation)

QUESTIONS

Revegetation Report			
Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.			
Requesting a restoration complete approval with this submission	Yes		
What was the total revegetation surface area (in square feet) for this site	4500		
Per Paragraph (2) of Subsection D of 19.15.29.13 NMAC the responsible party must reseed disturbe	d area in the first favorable growing season following closure of the site.		
On what date did the reseeding commence	07/29/2020		
On what date was the vegetative cover inspected	06/09/2025		
What was the life form ratio compared to pre-disturbance levels	87.5		
What was the total percent plant cover compared to pre-disturbance levels	82.4		
Summarize any additional revegetation activities not included by answers (above)	The subject area vegetative coverage is 117.82% of the average reference cover, which is better than the pre-disturbance levels.		

The responsible party must attach information demonstrating they have complied with all applicable re-vegetation 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 life form ratio and percent plant cover sampling diagrams or other relevant field notes, photographs of re-vegetated areas, and a narrative of the re-vegetation activities. Refer to 19.15.29.13 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: Ashlie Quinones Title: office manager Email: ashlie@judahoil.com Date: 07/02/2025

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.

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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

CONDITIONS

Action 480264

CONDITIONS

Operator:	OGRID:
JUDAH OIL LLC	245872
PO Box 568	Action Number:
Artesia, NM 88211	480264
	Action Type:
	[C-141] Revegetation Report C-141 (C-141-v-Revegetation)

CONDITIONS

Created E	y Condition	Condition Date
amaxw	The revegetation report has been approved pursuant to 19.15.29.13 E. NMAC. The acceptance of this 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; or if the location fails to revegetate properly. In addition, OCD approval does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.	10/1/2025