

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

State of New Mexico
Energy Minerals and Natural
Resources Department

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

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	nAPP2205645858
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Plains Marketing, L.P.	OGRID 713291
Contact Name Camille Bryant	Contact Telephone 575-441-1099
Contact email cjbrant@paalp.com	Incident # (assigned by OCD)
Contact mailing address 1106 Griffith Drive, Midland, Texas 79706	

Location of Release Source

Latitude 32.6574 Longitude -103.7851
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Plains Maljamar Truck Station	Transport trailer
Date Release Discovered 2/24/22@ 8:00 PM	API# (if applicable)

Unit Letter	Section	Township	Range	County
J	17	19S	32E	Lea

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

Nature and Volume of Release

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

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 5.29 bbls	Volume Recovered (bbls) 0 bbls
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

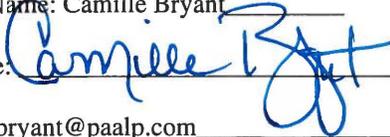
Operator error resulted in a release of crude oil from the transport trailer vent line. All released fluids were confined to the pad of the facility. Please note, the initial Notice of Release indicated 8 barrels of crude oil was released. On further investigation and based upon dimensions of the release the released amount was revised to 5.29 barrels.

Incident ID	nAPP2205645858
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Was this a major release as defined by 19.15.29.7(A) NMAC? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.
If all the actions described above have <u>not</u> been undertaken, explain why: _____ _____ _____
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.
Printed Name: Camille Bryant _____ Title: Remediation Supervisor _____ Signature:  _____ Date: 3/3/22 email: cjbryant@paalp.com _____ Telephone: 575-441-1099 _____
<u>OCD Only</u> Received by: Ramona Marcus _____ Date: 3/8/2022 _____

NAPP2205645858

Camille J Bryant

From: Camille J Bryant
Sent: Friday, February 25, 2022 4:31 PM
To: Alan Swartz

Thanks Alan

Get [Outlook for iOS](#)

From: Alan Swartz <PASwartz@paalp.com>
Sent: Friday, February 25, 2022 4:19:23 PM
To: Camille J Bryant <CJBryant@paalp.com>
Subject: FW: Maljamar South Spill Report 2.24.22

Good afternoon Camille,
Attached is the spill report. Also here is the spill calculation.
 $25' \times 5'' \times 2.75 \times .0154 = 5.29$ barrels.
Alan

From: Jonathon W McNabb <JWMcNabb@paalp.com>
Sent: Friday, February 25, 2022 11:56 AM
To: Alan Swartz <PASwartz@paalp.com>
Subject: Maljamar South Spill Report 2.24.22

Attached
Thank you.
Jonathon W. McNabb
Plains Marketing, L.P.
Field Supervisor
Hobbs, NM
Phone: 575-390-9889
Email: JWMcNabb@paalp.com

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720

District II
 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720

District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS
 Action 85916

CONDITIONS

Operator: PLAINS MARKETING L.P. 333 Clay Street Suite 1900 Houston, TX 77002	OGRID: 34053
	Action Number: 85916
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rmarcus	None	3/8/2022

Incident ID	n APP2205645858
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Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>102</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- Field data
- Data table of soil contaminant concentration data
- Depth to water determination
- Determination of water sources and significant watercourses within 1/2-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

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

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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: Karolanne Hudgens Title: HSE Remediation Specialist II

Signature:  Date: 5/5/22

email: khudgens@paalp.com Telephone: 575.200.5517

OCD Only

Received by: _____ Date: _____

Incident ID	nAPP2205645858
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Facility ID	
Application ID	

Closure

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

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

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

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Printed Name: Karolanne Hudgens Title: HSE remediation specialist II
 Signature: [Handwritten Signature] Date: 5/5/2022
 email: khudgens@paalp.com Telephone: 575.200.5517

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: Jennifer Nobui Date: 05/25/2022
 Printed Name: Jennifer Nobui Title: Environmental Specialist A



12600 WEST CO RD 91
MIDLAND, TX 79707
OFFICE: 432.653.4203

SOIL REMEDIATION ACTIVITIES REPORT AND CLOSURE REQUEST

PLAINS PIPELINE, L.P.

MALJAMAR TRUCK STATION RELEASE

LEA COUNTY, NM

NMOCD INCIDENT #: nAPP2205645858

SRS #: 2022-015

Incident ID	n APP2205645858
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Site Assessment/Characterization

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

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Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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.

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- Laboratory data including chain of custody

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

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Printed Name: Karolanne Hudgens Title: HSE Remediation Specialist II

Signature:  Date: 5/5/22

email: khudgens@paalp.com Telephone: 575.200.5517

OCD Only

Received by: _____ Date: _____

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Remediation Plan

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

- Detailed description of proposed remediation technique *Not applicable per NMAC 19-159-29.11(A).*
- Scaled sitemap with GPS coordinates showing delineation points *Site was remediated within 90 days of reported release. See attached closure report.*
- 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 confirmed 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, the environment, or groundwater.

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: Karolanne Hudgens Title: HSE Remediation Specialist II
 Signature:  Date: 5/5/22
 email: khudgens@paalp.com Telephone: 575.200.5517

OCD Only

Received by: _____ Date: _____

- Approved Approved with Attached Conditions of Approval Denied Deferral Approved

Signature: _____ Date: _____

Incident ID	nAPP2205645858
District RP	
Facility ID	
Application ID	

Closure

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

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

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

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Printed Name: Karolanne Hudgens Title: HSE remediation specialist II
 Signature: [Handwritten Signature] Date: 5/5/2022
 email: khudgens@paalp.com Telephone: 575.200.5517

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

Table of Contents

1. Introduction
2. Release Description and Response
3. NMOCD Regulatory Limits
4. Initial Response and Soil Assessment Activities
5. Soil Remediation Activities and Confirmation Soil Sampling
6. Soils Disposition
7. Closure Request

Table

Chemistry Table 1 – Confirmation Soil Samples - Concentrations of Benzene, BTEX, TPH, and Chlorides in Soil

Figures

Figure 1. Site Location Map

Figure 2. Topographic Map

Figure 3. Karst Topography Map

Figure 4. Site Details and Soil Sample Location Map

Appendices

Appendix A. NMOCD Initial C-141 Form

Appendix B. Site Characterization

Appendix C. Laboratory Analytical Reports

Appendix D. Photographic Documentation

Appendix E. Waste Manifests

April 14, 2022

New Mexico Oil Conservation Division District 2
811 S. First Street
Artesia, New Mexico 88210

Re: **Soil Remediation Activities Report and Closure Request**

Maljamar Truck Station Release

Unit Letter J, Section 17, Township 19S, Range 32E

GPS: N 32.6574 °, W 103.7851°

Lea County, New Mexico

NMOCD Incident #: nAPP2205645858

SRS #: 2022-015

1. Introduction

Dean Companies, Inc. (Dean) is pleased to present this Soil Remediation Activities Report and Closure Request on behalf of Plains Pipeline, L.P. (Plains) to document the field soil remediation activities that were conducted at the Maljamar Truck Station Release (site). The crude oil release occurred from a transporter vent line, located approximately 41.61 miles west of Hobbs, Lea County, New Mexico in Unit Letter J, Section 17, Township 19S, and Range 32E. The GPS coordinates for the site are N 32.6574°, W 103.7851°. A "Site Location Map" is provided as Figure 1 and "Topographic Map" as Figure 2.

2. Release Description and Response

On February 24, 2022, an operator error resulted in a release of crude oil from a transport trailer vent line. The release was contained onsite, adjacent to the truck station load out pad. Approximately 5.29 barrels (bbls) of crude oil was released with no recovery during initial response actions. The release was affected an area that measured approximately 67 feet (ft) in length by 15 ft in width with an estimated maximum depth of two (2) ft below ground surface (bgs).

On February 25, 2022, Dean was assigned soil remediation, soil sampling, site restoration, and reporting activities by Plains. On March 4, 2022, Plains submitted the initial C-141 Form to the New Mexico Oil Conservation Division (NMOCD) (Appendix A).

3. NMOCD Regulatory Limits

NMOCD assessment and cleanup levels for hydrocarbon and produced water releases are based on depth to groundwater and follow the criteria in the revised August 2018 Title 19 Chapter 15 Part 29 New Mexico Administration Code (19.15.29 NMAC) regulations for Chloride, Total Petroleum Hydrocarbon (TPH), TPH (Gas Range Organics (GRO) + Diesel Range Organics (DRO)), Benzene, and Total Benzene, Toluene, Ethylbenzene and Total Xylenes (BTEX). Groundwater databases maintained by the New Mexico Office of the State Engineer (NMOSE), the New Mexico Bureau of Geology & Mineral Resources (NMBGMR), and The United States Geological Survey (USGS) were accessed to determine if any registered water wells are located near the site. One water well (CP 00640 POD1) was listed in the vicinity southwest of the site with groundwater reported at 102 feet bgs, determining that the soil must meet the concentrations of 20,000 milligrams/Kilograms (mg/Kg) Chloride, 2,500 mg/Kg TPH, 1,000 mg/Kg TPH (GRO + DRO), 10 mg/Kg Benzene, and 50 mg/Kg Total BTEX. See Appendix B for the NMOSE water well depth near site. In addition, according to the BLM, the site is located in an area of low potential karst topography. See Figure 3 “Karst Topography Map”. As outlined in 19.15.29.12.B. (4) NMAC, the release does not occur in referenced sensitive areas, with the nearest water body feature being the Pecos River located approximately 26.4 miles southwest of the site. Meeting the previous criteria, the NMOCD restoration and cleanup levels for soils impacted by hydrocarbons with low karst topography are as follows:

- Chloride 20,000 mg/Kg
- TPH 2,500 mg/Kg
- TPH (Gro+Dro) 1,000 mg/Kg
- Benzene 10 mg/Kg
- Total BTEX 50 mg/Kg

4. Initial Response and Soil Assessment Activities

On February 25, 2022, Dean Personnel conducted initial response and soil assessment activities at the release site. Utilizing a skid steer, the surficial impacted soil was excavated and placed on plastic at the site.

5. Soil Remediation Activities and Confirmation Soil Sampling

On March 3, 2022, and March 23, 2022, Dean performed soil remediation activities, sampling, and backfilling activities at the site. Soil remediation commenced utilizing a backhoe to excavate the remaining impacted soils. Final dimensions of the excavation were approximately 67 ft in length by 15 ft in width with an estimated maximum depth of two (2) ft bgs. Approximately 62.84 tons of soil was removed and stockpiled on plastic at the site, waiting transportation offsite for disposal.

On March 3, 2022, after excavation activities, eight (8) composite samples were collected utilizing a sampling rate of two hundred (200) square ft within the excavation. Two (2) samples were collected from the bottom of the excavation (BH-1 @ 2' and BH-2 @ 2') and six (6) samples were collected from the side walls (NSW @ 6", ESW-1 @ 1', ESW-2 @ 1', WSW-1 @ 1', WSW-2 @ 1', and SSW @ 1'). See Figure 4 "Site Details and Confirmation Soil Sample Location Map". The samples were submitted for analysis of TPH, BTEX, and Chloride to Permian Basin Environmental Lab LP PBE Lab. The analytical concentrations for Benzene, Total BTEX, Chloride, TPH (GRO+DRO) and Total TPH were below the NMOCD standards for all samples. See Chemistry Table 1 - Confirmation Soil Samples - Concentrations of Benzene, Total BTEX, Chlorides, TPH (GRO+DRO) and Total TPH in Soil for confirmation soil sample results.

6. Soils Disposition

On March 23, 2022, approximately 62.84 tons of hydrocarbon impacted soil was transported offsite for final disposal at Lea Land, Inc. located in Carlsbad, New Mexico. The site was then backfilled with like-sourced material and brought up to surface grade. See Appendix E for waste manifests.

7. Closure Request

The area of excavation (Figure 4) was vertically and horizontally delineated for Benzene, BTEX, TPH, and Chlorides for soil samples BH-1 @ 2' and BH-2 @ 2', NSW @ 6", ESW-1 @ 1', ESW-2 @ 1', WSW-1 @ 1', WSW-2 @ 1', and SSW @ 1'.

With completion of the vertical and horizontal delineation, remediation of accessible soils, and backfill of the excavation with locally sourced non-impacted soils, Plains respectfully requests that the NMOCD consider the site for closure. A C-141 deferral is attached to the front of this report.

If you have any questions, or if additional information is required, please feel free to contact Camille Bryant (email: cjbryant@paalp.com, cell: 575-441-1099) of Plains, Elizabeth Stuart (email: elizabethstuart@deandigs.com, cell: 432-227-5369) or Jennifer Perez (email: jenniferperez@deandigs.com, cell: 432-664-3166) of Dean.

Sincerely,



Elizabeth Stuart

Project Manager



Jennifer Perez, PG.

Professional Geologist

TABLE



Chemistry Table 1 - Confirmation Soil Samples
Concentrations of Benzene, Total BTEX, Chlorides, TPH (Gro+Dro) and Total TPH in Soil
Plains Pipeline, L.P.
Maljamar Truck Station Release
Lea County, NM

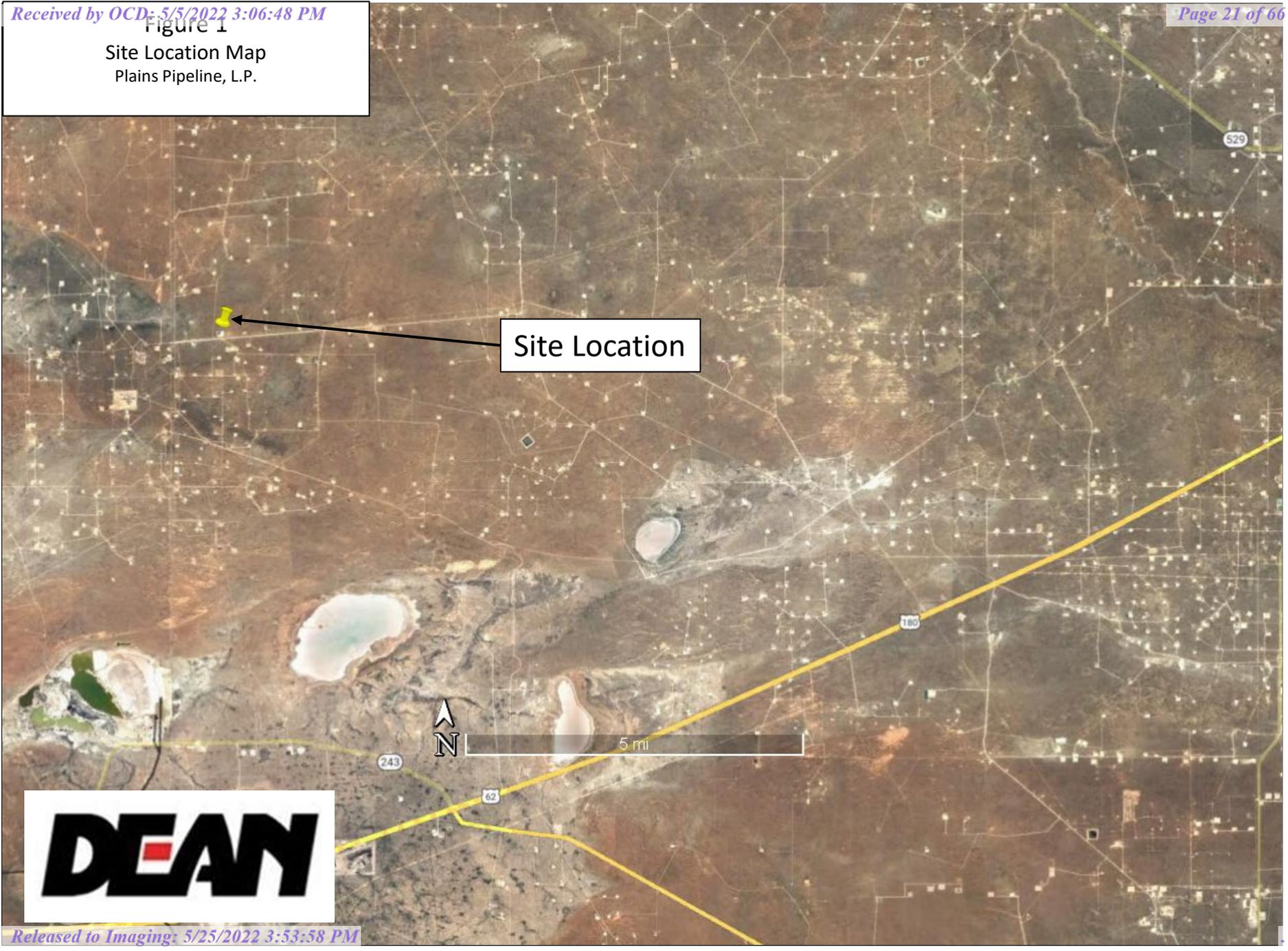
SAMPLE INFORMATION					METHODS: EPA SW 846-8021B, 5030					METHOD: E 300	METHODS: EPA SW 846-8015M				
SAMPLE ID	SAMPLE DATE	SAMPLE DEPTH	SAMPLE METHOD	MATRIX	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL-BENZENE (mg/kg)	XYLENE (mg/kg)	Total BTEX (mg/kg)	CHLORIDES (mg/kg)	GRO (mg/kg)	DRO (mg/kg)	GRO +DRO (mg/kg)	ORO (mg/kg)	TOTAL TPH (mg/kg)
BH-1 @ 2'	03/03/22	2 FT	COMP	SOIL	<0.00104	<0.00104	<0.00104	<0.00208	<0.00208	11.6	<26.0	<26.0	<26.0	<26.0	<26.0
BH-2 @ 2'	03/03/22	2 FT	COMP	SOIL	<0.00103	<0.00103	<0.00103	<0.00206	<0.00206	11.7	<25.8	<25.8	<25.8	<25.8	<25.8
NSW @ 6"	03/03/22	6 IN	COMP	SOIL	<0.00102	0.00132	0.00123	<0.00204	0.00255	20.2	<25.5	<25.5	<25.5	<25.5	<25.5
ESW-1 @ 1'	03/03/22	1 FT	COMP	SOIL	0.00194	0.00749	0.00277	0.00457	0.01677	18.2	<25.8	<25.8	<25.8	<25.8	<25.8
ESW-2 @ 1'	03/03/22	1 FT	COMP	SOIL	<0.00103	<0.00103	<0.00103	<0.00206	<0.00206	9.96	<25.8	<25.8	<25.8	<25.8	<25.8
WSW-1 @ 1'	03/03/22	1 FT	COMP	SOIL	<0.00102	<0.00102	<0.00102	<0.00204	<0.00204	12.6	<25.5	<25.5	<25.5	<25.5	<25.5
WSW-2 @ 1'	03/03/22	1 FT	COMP	SOIL	<0.00102	0.00169	<0.00102	<0.00204	0.00169	15.4	<25.5	<25.5	<25.5	<25.5	<25.5
SSW @ 1'	03/03/22	1 FT	COMP	SOIL	0.00103	0.00492	0.00242	0.00463	0.01300	25.2	<25.8	<25.8	<25.8	<25.8	<25.8
NMOCD Recommended Remediation Action Level					10	-	-	-	50	20,000	-	-	1,000	-	2,500

Exceeds NMOCD Recommended RAL

FIGURES

Figure 1

Site Location Map
Plains Pipeline, L.P.



Site Location



5 mi



Figure 2

Topographic Map
Plains Pipeline, L.P.

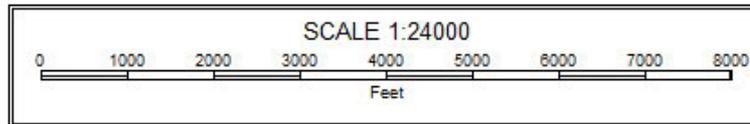
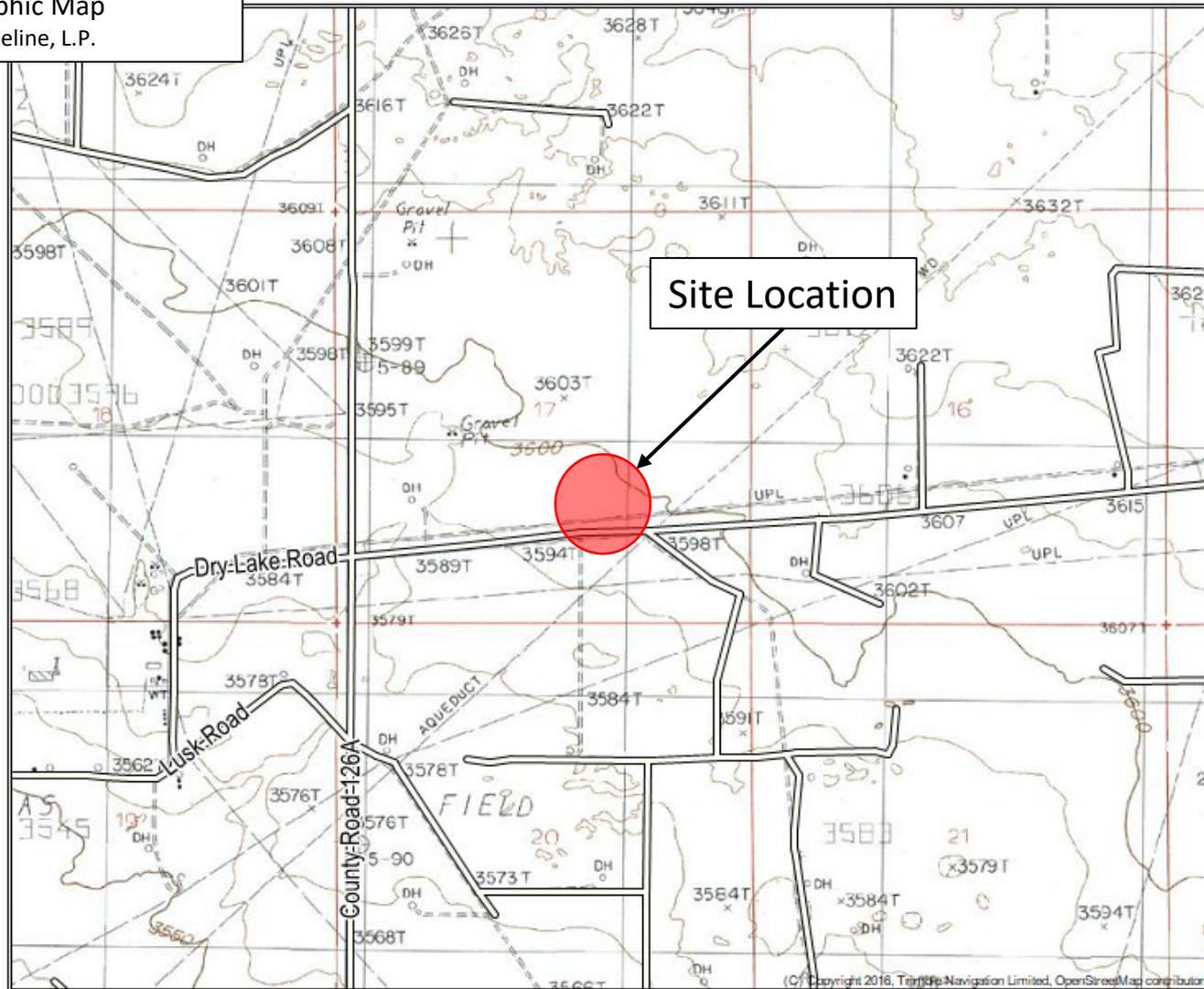


Figure 3

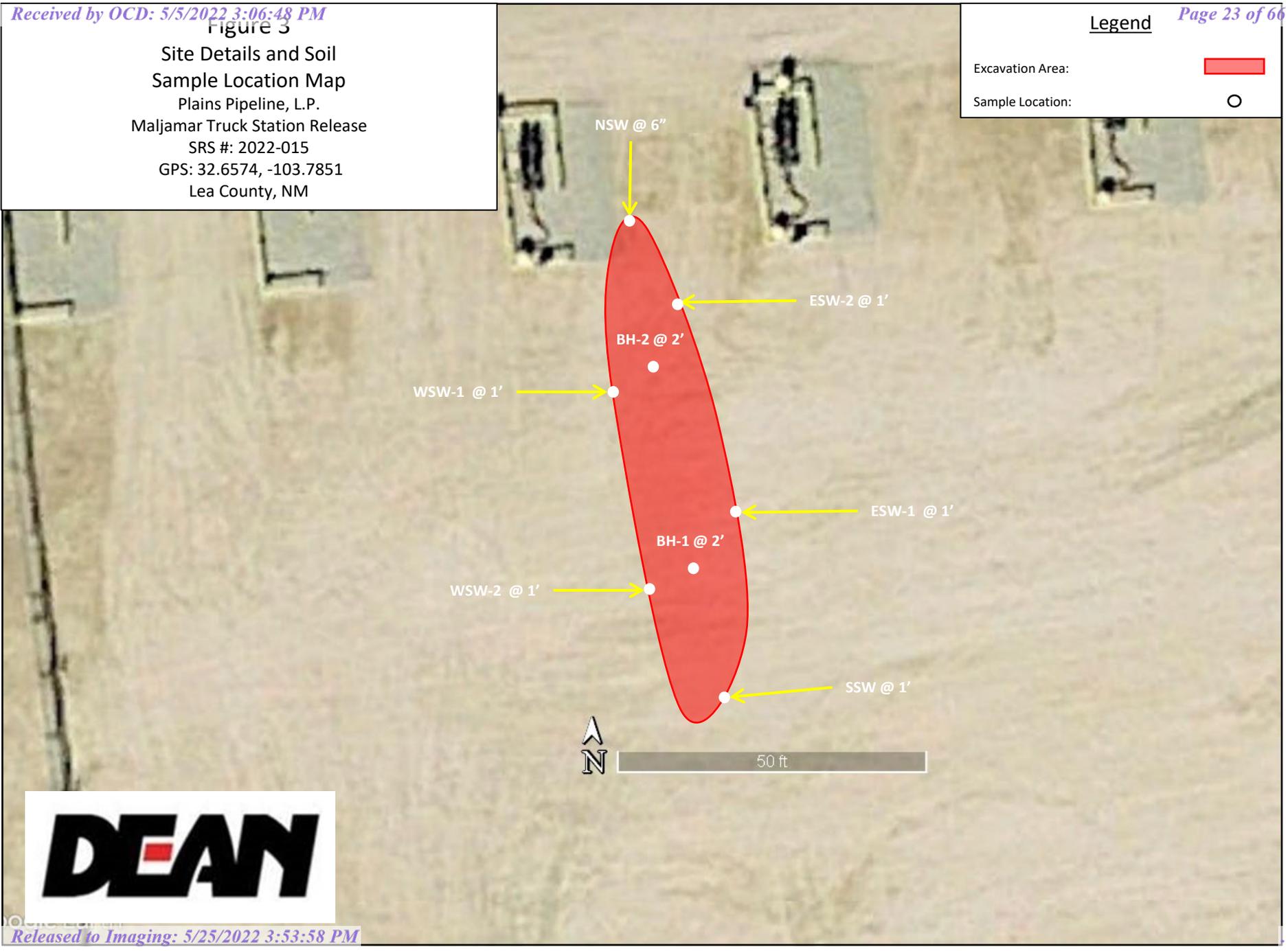
Site Details and Soil
Sample Location Map

Plains Pipeline, L.P.
Maljamar Truck Station Release
SRS #: 2022-015
GPS: 32.6574, -103.7851
Lea County, NM

Legend

Excavation Area: 

Sample Location: 



APPENDIX A.
NMOCD INITIAL C-141 FORM

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

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

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	nAPP2205645858
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Plains Marketing, L.P.	OGRID 713291
Contact Name Camille Bryant	Contact Telephone 575-441-1099
Contact email cjbrant@paalp.com	Incident # (assigned by OCD)
Contact mailing address 1106 Griffith Drive, Midland, Texas 79706	

Location of Release Source

Latitude 32.6574 Longitude -103.7851
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Plains Maljamar Truck Station	Transport trailer
Date Release Discovered 2/24/22@ 8:00 PM	API# (if applicable)

Unit Letter	Section	Township	Range	County
J	17	19S	32E	Lea

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

Nature and Volume of Release

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

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 5.29 bbls	Volume Recovered (bbls) 0 bbls
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

Operator error resulted in a release of crude oil from the transport trailer vent line. All released fluids were confined to the pad of the facility. Please note, the initial Notice of Release indicated 8 barrels of crude oil was released. On further investigation and based upon dimensions of the release the released amount was revised to 5.29 barrels.

Incident ID	nAPP2205645858
District RP	
Facility ID	
Application ID	

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

Initial Response

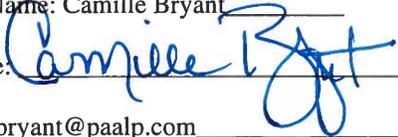
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.
--

If all the actions described above have not been undertaken, explain why:

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

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

Printed Name: Camille Bryant Title: Remediation Supervisor _____
 Signature:  Date: 3/3/22
 email: cjbryant@paalp.com Telephone: 575-441-1099

OCD Only
 Received by: _____ Date: _____

Camille J Bryant

From: Camille J Bryant
Sent: Friday, February 25, 2022 4:31 PM
To: Alan Swartz

Thanks Alan

Get [Outlook for iOS](#)

From: Alan Swartz <PASwartz@paalp.com>
Sent: Friday, February 25, 2022 4:19:23 PM
To: Camille J Bryant <CJBryant@paalp.com>
Subject: FW: Maljamar South Spill Report 2.24.22

Good afternoon Camille,
Attached is the spill report. Also here is the spill calculation.
 $25' \times 5'' \times 2.75 \times .0154 = 5.29$ barrels.
Alan

From: Jonathon W McNabb <JWMcNabb@paalp.com>
Sent: Friday, February 25, 2022 11:56 AM
To: Alan Swartz <PASwartz@paalp.com>
Subject: Maljamar South Spill Report 2.24.22

Attached
Thank you.
Jonathon W. McNabb
Plains Marketing, L.P.
Field Supervisor
Hobbs, NM
Phone: 575-390-9889
Email: JWMcNabb@paalp.com

APPENDIX B.
SITE CHARACTERIZATION



New Mexico Office of the State Engineer Point of Diversion Summary

Well Tag	POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE)				(NAD83 UTM in meters)			
		Q64	Q16	Q4	Sec	Tws	Rng	X	Y
CP	00640 POD1	2	2	19	19S	32E	612621	3613280*	
Driller License:	882	Driller Company:		LARRY'S DRILLING & PUMP CO.					
Driller Name:	FELKINS, LARRY								
Drill Start Date:	02/08/1982	Drill Finish Date:		02/09/1982		Plug Date:			
Log File Date:	03/04/1982	PCW Rcv Date:				Source:		Shallow	
Pump Type:		Pipe Discharge Size:				Estimated Yield:			
Casing Size:		Depth Well:		260 feet		Depth Water:		102 feet	

*UTM location was derived from PLSS - see Help

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.

2/28/22 11:06 AM

POINT OF DIVERSION SUMMARY

OSE POD Locations Map



4/19/2022, 2:47:37 PM

GIS WATERS PODs

Water Right Regulations

New Mexico State Trust Lands

● Plugged

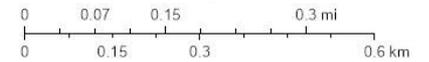
□ Closure Area

■ Both Estates

□ OSE District Boundary

□ Site Boundaries

1:9,028

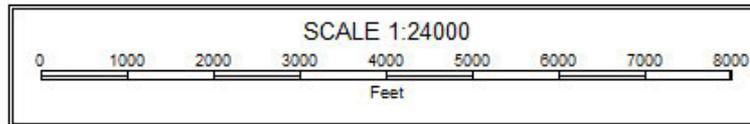
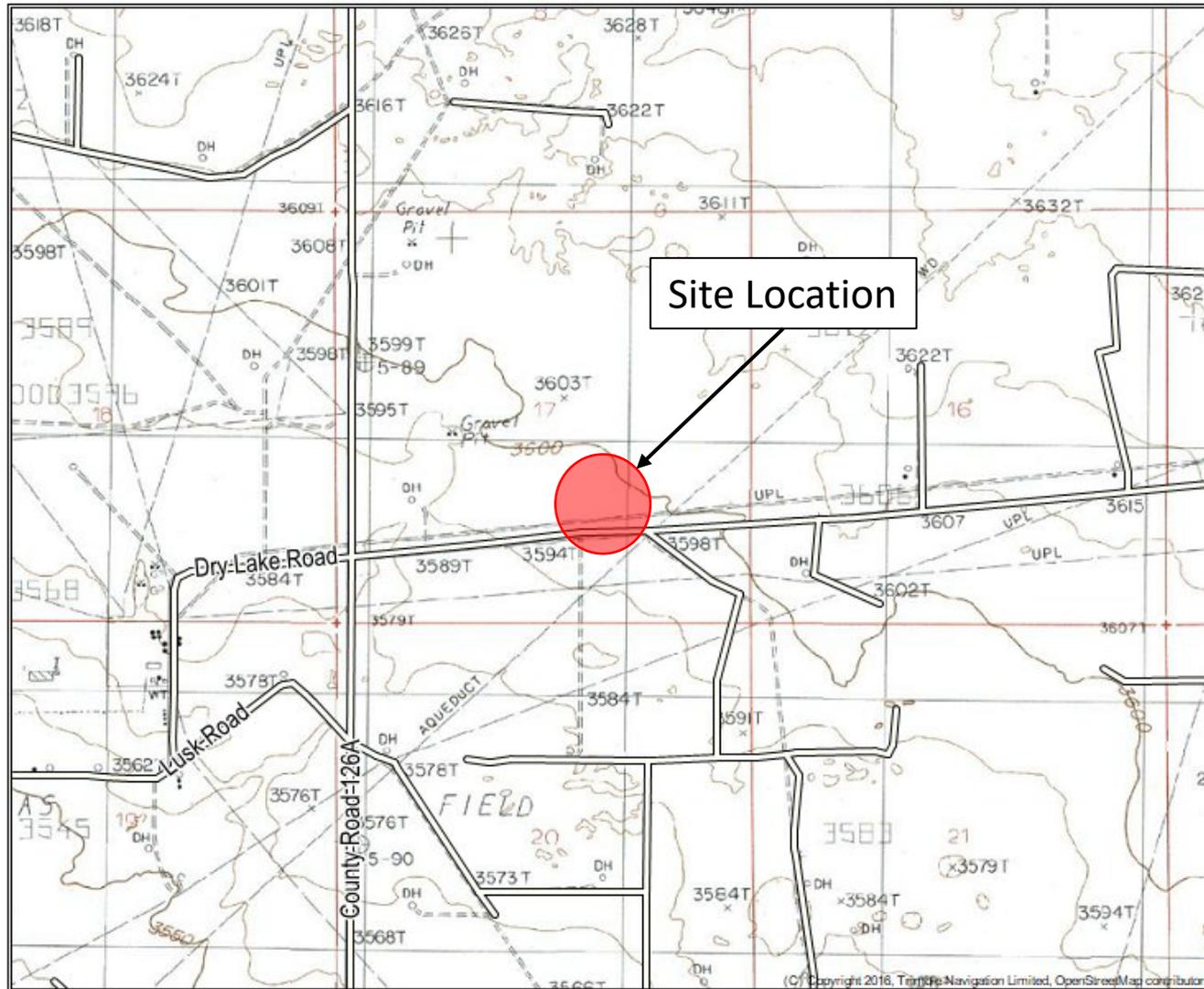


Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community, Esri, HERE, Garmin, (c) OpenStreetMap contributors, Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community, U.S. Department of Energy Office of Legacy

Unofficial Online Map

These maps are distributed "as is" without warranty of any kind.



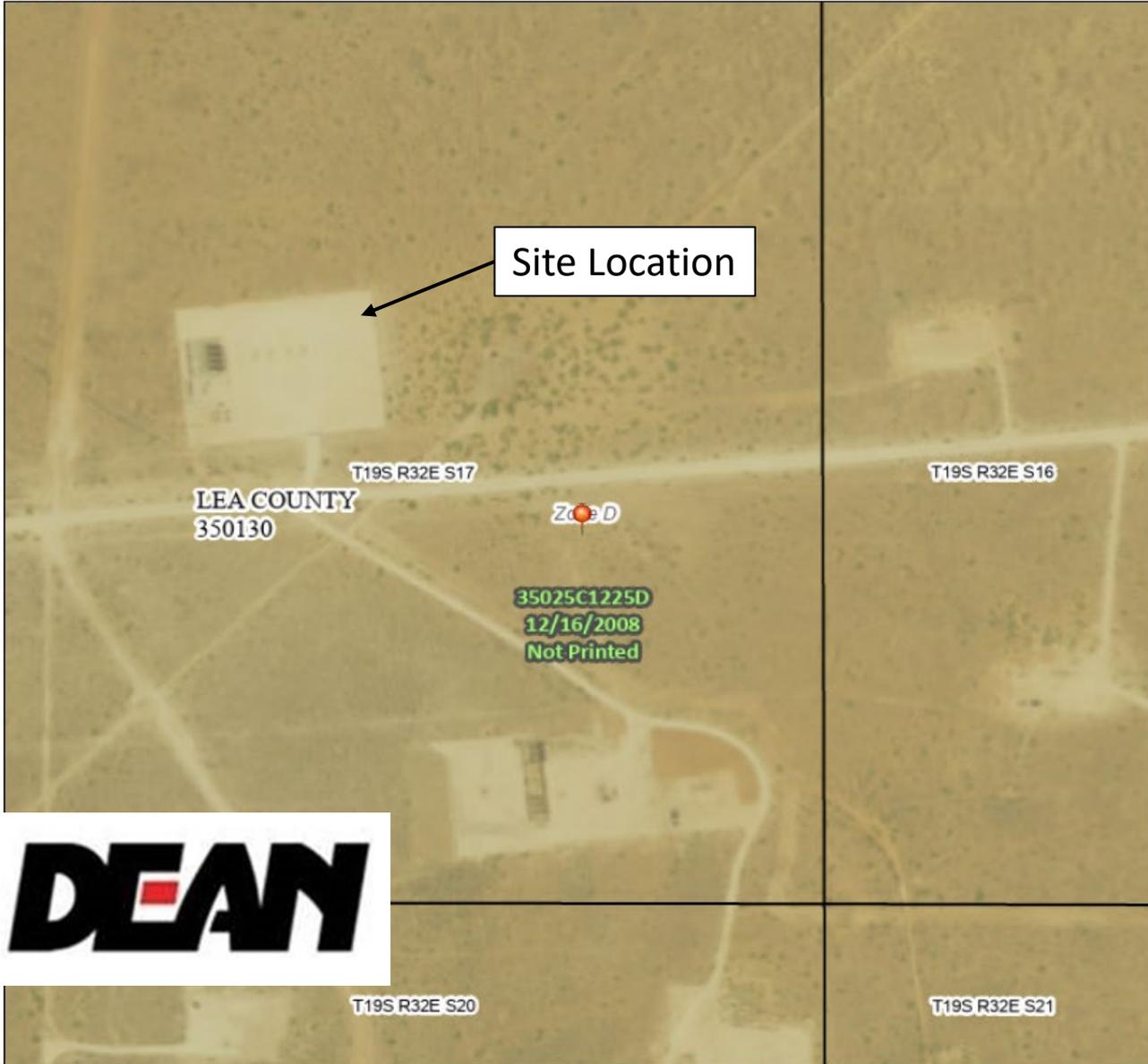




National Flood Hazard Layer FIRMette



103°47'14"W 32°39'37"N



Legend

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

- | | | |
|------------------------------------|--|---|
| SPECIAL FLOOD HAZARD AREAS | | Without Base Flood Elevation (BFE)
Zone A, V, A99 |
| | | With BFE or Depth Zone AE, AO, AH, VE, AR
Regulatory Floodway |
| OTHER AREAS OF FLOOD HAZARD | | 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X |
| | | Future Conditions 1% Annual Chance Flood Hazard Zone X |
| | | Area with Reduced Flood Risk due to Levee. See Notes. Zone X |
| | | Area with Flood Risk due to Levee Zone D |
| OTHER AREAS | | NO SCREEN Area of Minimal Flood Hazard Zone X |
| | | Effective LOMRs
Area of Undetermined Flood Hazard Zone D |
| GENERAL STRUCTURES | | Channel, Culvert, or Storm Sewer |
| | | Levee, Dike, or Floodwall |
| OTHER FEATURES | | Cross Sections with 1% Annual Chance Water Surface Elevation
20.2
17.5 |
| | | Coastal Transect |
| | | Base Flood Elevation Line (BFE) |
| | | Limit of Study |
| | | Jurisdiction Boundary |
| | | Coastal Transect Baseline
Profile Baseline
Hydrographic Feature |
| MAP PANELS | | Digital Data Available |
| | | No Digital Data Available |
| | | Unmapped |
- The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.



0 250 500 1,000 1,500 2,000 Feet 1:6,000

103°46'36"W 32°39'7"N

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 4/19/2022 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 unmoderized areas cannot be used for regulatory purposes.



U.S. Fish and Wildlife Service

National Wetlands Inventory



April 19, 2022

Wetlands

-  Estuarine and Marine Deepwater
-  Estuarine and Marine Wetland

-  Freshwater Emergent Wetland
-  Freshwater Forested/Shrub Wetland
-  Freshwater Pond

-  Lake
-  Other
-  Riverine

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.
LABORATORY ANALYTICAL REPORTS

**PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701**



Analytical Report

Prepared for:

Jeff Kindley
Dean
12600 W County Rd 91
Midland, TX 79707

Project: Maljamar South Truck Station Release

Project Number: PP-22048

Location: Lea County, NM

Lab Order Number: 2C03016



Current Certification

Report Date: 03/09/22

Dean
12600 W County Rd 91
Midland TX, 79707

Project: Maljamar South Truck Station Release
Project Number: PP-22048
Project Manager: Jeff Kindley

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
NSW @ 6"	2C03016-01	Soil	03/03/22 09:00	03-03-2022 16:35
WSW-1 @ 1'	2C03016-02	Soil	03/03/22 09:15	03-03-2022 16:35
WSW-2 @ 1'	2C03016-03	Soil	03/03/22 09:30	03-03-2022 16:35
SSW @ 1'	2C03016-04	Soil	03/03/22 09:45	03-03-2022 16:35
ESW-1 @ 1'	2C03016-05	Soil	03/03/22 10:00	03-03-2022 16:35
ESW-2 @ 1'	2C03016-06	Soil	03/03/22 10:15	03-03-2022 16:35
BH-1 @ 2'	2C03016-07	Soil	03/03/22 11:00	03-03-2022 16:35
BH-2 @ 2'	2C03016-08	Soil	03/03/22 10:30	03-03-2022 16:35

Dean
12600 W County Rd 91
Midland TX, 79707

Project: Maljamar South Truck Station Release
Project Number: PP-22048
Project Manager: Jeff Kindley

NSW @ 6"
2C03016-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00102	mg/kg dry	1	P2C0403	03/04/22 11:00	03/04/22 18:45	EPA 8021B	
Toluene	0.00132	0.00102	mg/kg dry	1	P2C0403	03/04/22 11:00	03/04/22 18:45	EPA 8021B	
Ethylbenzene	0.00123	0.00102	mg/kg dry	1	P2C0403	03/04/22 11:00	03/04/22 18:45	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P2C0403	03/04/22 11:00	03/04/22 18:45	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P2C0403	03/04/22 11:00	03/04/22 18:45	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	106 %		80-120		P2C0403	03/04/22 11:00	03/04/22 18:45	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	103 %		80-120		P2C0403	03/04/22 11:00	03/04/22 18:45	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	20.2	1.02	mg/kg dry	1	P2C0410	03/04/22 15:39	03/07/22 18:04	EPA 300.0	
% Moisture	2.0	0.1	%	1	P2C0701	03/07/22 10:24	03/07/22 10:26	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.5	mg/kg dry	1	P2C0409	03/04/22 16:30	03/05/22 07:32	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P2C0409	03/04/22 16:30	03/05/22 07:32	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P2C0409	03/04/22 16:30	03/05/22 07:32	TPH 8015M	
Surrogate: 1-Chlorooctane	110 %		70-130		P2C0409	03/04/22 16:30	03/05/22 07:32	TPH 8015M	
Surrogate: o-Terphenyl	116 %		70-130		P2C0409	03/04/22 16:30	03/05/22 07:32	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	03/04/22 16:30	03/05/22 07:32	calc	

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Dean
12600 W County Rd 91
Midland TX, 79707

Project: Maljamar South Truck Station Release
Project Number: PP-22048
Project Manager: Jeff Kindley

WSW-1 @ 1'
2C03016-02 (Soil)

Analyte	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Result	Limit							

Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00102	mg/kg dry	1	P2C0403	03/04/22 11:00	03/04/22 19:06	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P2C0403	03/04/22 11:00	03/04/22 19:06	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P2C0403	03/04/22 11:00	03/04/22 19:06	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P2C0403	03/04/22 11:00	03/04/22 19:06	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P2C0403	03/04/22 11:00	03/04/22 19:06	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		101 %	80-120		P2C0403	03/04/22 11:00	03/04/22 19:06	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		104 %	80-120		P2C0403	03/04/22 11:00	03/04/22 19:06	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	12.6	1.02	mg/kg dry	1	P2C0410	03/04/22 15:39	03/07/22 18:49	EPA 300.0	
% Moisture	2.0	0.1	%	1	P2C0701	03/07/22 10:24	03/07/22 10:26	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.5	mg/kg dry	1	P2C0409	03/04/22 16:30	03/05/22 07:53	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P2C0409	03/04/22 16:30	03/05/22 07:53	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P2C0409	03/04/22 16:30	03/05/22 07:53	TPH 8015M	
Surrogate: 1-Chlorooctane		112 %	70-130		P2C0409	03/04/22 16:30	03/05/22 07:53	TPH 8015M	
Surrogate: o-Terphenyl		118 %	70-130		P2C0409	03/04/22 16:30	03/05/22 07:53	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	03/04/22 16:30	03/05/22 07:53	calc	

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Dean
12600 W County Rd 91
Midland TX, 79707

Project: Maljamar South Truck Station Release
Project Number: PP-22048
Project Manager: Jeff Kindley

WSW-2 @ 1'
2C03016-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00102	mg/kg dry	1	P2C0403	03/04/22 11:00	03/04/22 19:27	EPA 8021B	
Toluene	0.00169	0.00102	mg/kg dry	1	P2C0403	03/04/22 11:00	03/04/22 19:27	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P2C0403	03/04/22 11:00	03/04/22 19:27	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P2C0403	03/04/22 11:00	03/04/22 19:27	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P2C0403	03/04/22 11:00	03/04/22 19:27	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		103 %	80-120		P2C0403	03/04/22 11:00	03/04/22 19:27	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		100 %	80-120		P2C0403	03/04/22 11:00	03/04/22 19:27	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	15.4	1.02	mg/kg dry	1	P2C0410	03/04/22 15:39	03/07/22 19:35	EPA 300.0	
% Moisture	2.0	0.1	%	1	P2C0701	03/07/22 10:24	03/07/22 10:26	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.5	mg/kg dry	1	P2C0409	03/04/22 16:30	03/05/22 08:15	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P2C0409	03/04/22 16:30	03/05/22 08:15	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P2C0409	03/04/22 16:30	03/05/22 08:15	TPH 8015M	
<i>Surrogate: 1-Chlorooctane</i>		110 %	70-130		P2C0409	03/04/22 16:30	03/05/22 08:15	TPH 8015M	
<i>Surrogate: o-Terphenyl</i>		116 %	70-130		P2C0409	03/04/22 16:30	03/05/22 08:15	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	03/04/22 16:30	03/05/22 08:15	calc	

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Dean
12600 W County Rd 91
Midland TX, 79707

Project: Maljamar South Truck Station Release
Project Number: PP-22048
Project Manager: Jeff Kindley

SSW @ 1'
2C03016-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	0.00103	0.00103	mg/kg dry	1	P2C0403	03/04/22 11:00	03/04/22 19:48	EPA 8021B	
Toluene	0.00492	0.00103	mg/kg dry	1	P2C0403	03/04/22 11:00	03/04/22 19:48	EPA 8021B	
Ethylbenzene	0.00242	0.00103	mg/kg dry	1	P2C0403	03/04/22 11:00	03/04/22 19:48	EPA 8021B	
Xylene (p/m)	0.00345	0.00206	mg/kg dry	1	P2C0403	03/04/22 11:00	03/04/22 19:48	EPA 8021B	
Xylene (o)	0.00118	0.00103	mg/kg dry	1	P2C0403	03/04/22 11:00	03/04/22 19:48	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		99.4 %	80-120		P2C0403	03/04/22 11:00	03/04/22 19:48	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		101 %	80-120		P2C0403	03/04/22 11:00	03/04/22 19:48	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	25.2	1.03	mg/kg dry	1	P2C0410	03/04/22 15:39	03/07/22 19:51	EPA 300.0	
% Moisture	3.0	0.1	%	1	P2C0701	03/07/22 10:24	03/07/22 10:26	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.8	mg/kg dry	1	P2C0409	03/04/22 16:30	03/05/22 08:36	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P2C0409	03/04/22 16:30	03/05/22 08:36	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P2C0409	03/04/22 16:30	03/05/22 08:36	TPH 8015M	
<i>Surrogate: 1-Chlorooctane</i>		108 %	70-130		P2C0409	03/04/22 16:30	03/05/22 08:36	TPH 8015M	
<i>Surrogate: o-Terphenyl</i>		114 %	70-130		P2C0409	03/04/22 16:30	03/05/22 08:36	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	03/04/22 16:30	03/05/22 08:36	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Dean
12600 W County Rd 91
Midland TX, 79707

Project: Maljamar South Truck Station Release
Project Number: PP-22048
Project Manager: Jeff Kindley

ESW-1 @ 1'
2C03016-05 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	0.00194	0.00103	mg/kg dry	1	P2C0403	03/04/22 11:00	03/04/22 20:09	EPA 8021B	
Toluene	0.00749	0.00103	mg/kg dry	1	P2C0403	03/04/22 11:00	03/04/22 20:09	EPA 8021B	
Ethylbenzene	0.00277	0.00103	mg/kg dry	1	P2C0403	03/04/22 11:00	03/04/22 20:09	EPA 8021B	
Xylene (p/m)	0.00353	0.00206	mg/kg dry	1	P2C0403	03/04/22 11:00	03/04/22 20:09	EPA 8021B	
Xylene (o)	0.00104	0.00103	mg/kg dry	1	P2C0403	03/04/22 11:00	03/04/22 20:09	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		102 %	80-120		P2C0403	03/04/22 11:00	03/04/22 20:09	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		101 %	80-120		P2C0403	03/04/22 11:00	03/04/22 20:09	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	18.2	1.03	mg/kg dry	1	P2C0410	03/04/22 15:39	03/07/22 20:06	EPA 300.0	
% Moisture	3.0	0.1	%	1	P2C0701	03/07/22 10:24	03/07/22 10:26	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.8	mg/kg dry	1	P2C0409	03/04/22 16:30	03/05/22 08:57	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P2C0409	03/04/22 16:30	03/05/22 08:57	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P2C0409	03/04/22 16:30	03/05/22 08:57	TPH 8015M	
<i>Surrogate: 1-Chlorooctane</i>		108 %	70-130		P2C0409	03/04/22 16:30	03/05/22 08:57	TPH 8015M	
<i>Surrogate: o-Terphenyl</i>		115 %	70-130		P2C0409	03/04/22 16:30	03/05/22 08:57	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	03/04/22 16:30	03/05/22 08:57	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Dean 12600 W County Rd 91 Midland TX, 79707	Project: Maljamar South Truck Station Release Project Number: PP-22048 Project Manager: Jeff Kindley
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ESW-2 @ 1'
2C03016-06 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00103	mg/kg dry	1	P2C0403	03/04/22 11:00	03/04/22 20:29	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P2C0403	03/04/22 11:00	03/04/22 20:29	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P2C0403	03/04/22 11:00	03/04/22 20:29	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P2C0403	03/04/22 11:00	03/04/22 20:29	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P2C0403	03/04/22 11:00	03/04/22 20:29	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		99.5 %	80-120		P2C0403	03/04/22 11:00	03/04/22 20:29	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		101 %	80-120		P2C0403	03/04/22 11:00	03/04/22 20:29	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	9.96	1.03	mg/kg dry	1	P2C0410	03/04/22 15:39	03/07/22 20:21	EPA 300.0	
% Moisture	3.0	0.1	%	1	P2C0701	03/07/22 10:24	03/07/22 10:26	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.8	mg/kg dry	1	P2C0409	03/04/22 16:30	03/05/22 09:18	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P2C0409	03/04/22 16:30	03/05/22 09:18	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P2C0409	03/04/22 16:30	03/05/22 09:18	TPH 8015M	
Surrogate: 1-Chlorooctane		107 %	70-130		P2C0409	03/04/22 16:30	03/05/22 09:18	TPH 8015M	
Surrogate: o-Terphenyl		114 %	70-130		P2C0409	03/04/22 16:30	03/05/22 09:18	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	03/04/22 16:30	03/05/22 09:18	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Dean
12600 W County Rd 91
Midland TX, 79707

Project: Maljamar South Truck Station Release
Project Number: PP-22048
Project Manager: Jeff Kindley

BH-1 @ 2'
2C03016-07 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00104	mg/kg dry	1	P2C0403	03/04/22 11:00	03/04/22 20:50	EPA 8021B	
Toluene	ND	0.00104	mg/kg dry	1	P2C0403	03/04/22 11:00	03/04/22 20:50	EPA 8021B	
Ethylbenzene	ND	0.00104	mg/kg dry	1	P2C0403	03/04/22 11:00	03/04/22 20:50	EPA 8021B	
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P2C0403	03/04/22 11:00	03/04/22 20:50	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P2C0403	03/04/22 11:00	03/04/22 20:50	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		98.9 %	80-120		P2C0403	03/04/22 11:00	03/04/22 20:50	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		100 %	80-120		P2C0403	03/04/22 11:00	03/04/22 20:50	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	11.6	1.04	mg/kg dry	1	P2C0410	03/04/22 15:39	03/07/22 15:46	EPA 300.0	
% Moisture	4.0	0.1	%	1	P2C0701	03/07/22 10:24	03/07/22 10:26	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	26.0	mg/kg dry	1	P2C0409	03/04/22 16:30	03/05/22 09:40	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P2C0409	03/04/22 16:30	03/05/22 09:40	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P2C0409	03/04/22 16:30	03/05/22 09:40	TPH 8015M	
Surrogate: 1-Chlorooctane		82.5 %	70-130		P2C0409	03/04/22 16:30	03/05/22 09:40	TPH 8015M	
Surrogate: o-Terphenyl		90.8 %	70-130		P2C0409	03/04/22 16:30	03/05/22 09:40	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	03/04/22 16:30	03/05/22 09:40	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Dean
12600 W County Rd 91
Midland TX, 79707

Project: Maljamar South Truck Station Release
Project Number: PP-22048
Project Manager: Jeff Kindley

BH-2 @ 2'
2C03016-08 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

BTEX by 8021B

Benzene	ND	0.00103	mg/kg dry	1	P2C0403	03/04/22 11:00	03/04/22 21:11	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P2C0403	03/04/22 11:00	03/04/22 21:11	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P2C0403	03/04/22 11:00	03/04/22 21:11	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P2C0403	03/04/22 11:00	03/04/22 21:11	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P2C0403	03/04/22 11:00	03/04/22 21:11	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	99.8 %		80-120		P2C0403	03/04/22 11:00	03/04/22 21:11	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	102 %		80-120		P2C0403	03/04/22 11:00	03/04/22 21:11	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	11.7	1.03	mg/kg dry	1	P2C0410	03/04/22 15:39	03/07/22 20:37	EPA 300.0	
% Moisture	3.0	0.1	%	1	P2C0701	03/07/22 10:24	03/07/22 10:26	ASTM D2216	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.8	mg/kg dry	1	P2C0409	03/04/22 16:30	03/05/22 10:01	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P2C0409	03/04/22 16:30	03/05/22 10:01	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P2C0409	03/04/22 16:30	03/05/22 10:01	TPH 8015M	
Surrogate: 1-Chlorooctane	111 %		70-130		P2C0409	03/04/22 16:30	03/05/22 10:01	TPH 8015M	
Surrogate: o-Terphenyl	118 %		70-130		P2C0409	03/04/22 16:30	03/05/22 10:01	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	03/04/22 16:30	03/05/22 10:01	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Dean
12600 W County Rd 91
Midland TX, 79707

Project: Maljamar South Truck Station Release
Project Number: PP-22048
Project Manager: Jeff Kindley

BTEX by 8021B - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P2C0403 - General Preparation (GC)

Blank (P2C0403-BLK1)

Prepared & Analyzed: 03/04/22

Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.116		"	0.120		96.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.4	80-120			

LCS (P2C0403-BS1)

Prepared & Analyzed: 03/04/22

Benzene	0.0979	0.00100	mg/kg wet	0.100		97.9	80-120			
Toluene	0.0929	0.00100	"	0.100		92.9	80-120			
Ethylbenzene	0.114	0.00100	"	0.100		114	80-120			
Xylene (p/m)	0.220	0.00200	"	0.200		110	80-120			
Xylene (o)	0.105	0.00100	"	0.100		105	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.6	80-120			
Surrogate: 4-Bromofluorobenzene	0.122		"	0.120		101	80-120			

LCS Dup (P2C0403-BS1)

Prepared & Analyzed: 03/04/22

Benzene	0.111	0.00100	mg/kg wet	0.100		111	80-120	12.3	20	
Toluene	0.105	0.00100	"	0.100		105	80-120	12.1	20	
Ethylbenzene	0.116	0.00100	"	0.100		116	80-120	1.31	20	
Xylene (p/m)	0.236	0.00200	"	0.200		118	80-120	7.23	20	
Xylene (o)	0.118	0.00100	"	0.100		118	80-120	11.7	20	
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		99.8	80-120			
Surrogate: 4-Bromofluorobenzene	0.125		"	0.120		104	80-120			

Calibration Check (P2C0403-CCV1)

Prepared & Analyzed: 03/04/22

Benzene	0.105	0.00100	mg/kg wet	0.100		105	80-120			
Toluene	0.0978	0.00100	"	0.100		97.8	80-120			
Ethylbenzene	0.109	0.00100	"	0.100		109	80-120			
Xylene (p/m)	0.230	0.00200	"	0.200		115	80-120			
Xylene (o)	0.110	0.00100	"	0.100		110	80-120			
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.9	75-125			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.0	75-125			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Dean
12600 W County Rd 91
Midland TX, 79707

Project: Maljamar South Truck Station Release
Project Number: PP-22048
Project Manager: Jeff Kindley

BTEX by 8021B - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P2C0403 - General Preparation (GC)

Calibration Check (P2C0403-CCV2)

Prepared & Analyzed: 03/04/22

Benzene	0.110	0.00100	mg/kg wet	0.100		110	80-120			
Toluene	0.107	0.00100	"	0.100		107	80-120			
Ethylbenzene	0.119	0.00100	"	0.100		119	80-120			
Xylene (p/m)	0.232	0.00200	"	0.200		116	80-120			
Xylene (o)	0.119	0.00100	"	0.100		119	80-120			
Surrogate: 4-Bromofluorobenzene	0.127		"	0.120		106	75-125			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.5	75-125			

Calibration Check (P2C0403-CCV3)

Prepared & Analyzed: 03/04/22

Benzene	0.118	0.00100	mg/kg wet	0.100		118	80-120			
Toluene	0.110	0.00100	"	0.100		110	80-120			
Ethylbenzene	0.120	0.00100	"	0.100		120	80-120			
Xylene (p/m)	0.233	0.00200	"	0.200		117	80-120			
Xylene (o)	0.120	0.00100	"	0.100		120	80-120			
Surrogate: 4-Bromofluorobenzene	0.124		"	0.120		103	75-125			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.9	75-125			

Matrix Spike (P2C0403-MS1)

Source: 2C01014-01

Prepared & Analyzed: 03/04/22

Benzene	0.0854	0.00102	mg/kg dry	0.102	ND	83.7	80-120			
Toluene	0.0611	0.00102	"	0.102	ND	59.9	80-120			QM-05
Ethylbenzene	0.0678	0.00102	"	0.102	ND	66.4	80-120			QM-05
Xylene (p/m)	0.114	0.00204	"	0.204	ND	55.9	80-120			QM-05
Xylene (o)	0.0648	0.00102	"	0.102	ND	63.5	80-120			QM-05
Surrogate: 4-Bromofluorobenzene	0.132		"	0.122		107	80-120			
Surrogate: 1,4-Difluorobenzene	0.125		"	0.122		102	80-120			

Matrix Spike Dup (P2C0403-MSD1)

Source: 2C01014-01

Prepared & Analyzed: 03/04/22

Benzene	0.0831	0.00102	mg/kg dry	0.102	ND	81.4	80-120	2.75	20	
Toluene	0.0629	0.00102	"	0.102	ND	61.6	80-120	2.91	20	QM-05
Ethylbenzene	0.0716	0.00102	"	0.102	ND	70.2	80-120	5.53	20	QM-05
Xylene (p/m)	0.126	0.00204	"	0.204	ND	61.6	80-120	9.71	20	QM-05
Xylene (o)	0.0676	0.00102	"	0.102	ND	66.2	80-120	4.24	20	QM-05
Surrogate: 1,4-Difluorobenzene	0.125		"	0.122		102	80-120			
Surrogate: 4-Bromofluorobenzene	0.131		"	0.122		107	80-120			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Dean
12600 W County Rd 91
Midland TX, 79707

Project: Maljamar South Truck Station Release
Project Number: PP-22048
Project Manager: Jeff Kindley

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2C0410 - *** DEFAULT PREP ***										
Blank (P2C0410-BLK1) Prepared: 03/04/22 Analyzed: 03/08/22										
Chloride	ND	1.00	mg/kg wet							
LCS (P2C0410-BS1) Prepared: 03/04/22 Analyzed: 03/08/22										
Chloride	41.5		mg/kg	40.0		104	90-110			
LCS Dup (P2C0410-BSD1) Prepared: 03/04/22 Analyzed: 03/08/22										
Chloride	42.8		mg/kg	40.0		107	90-110	2.92	10	
Calibration Blank (P2C0410-CCB1) Prepared: 03/04/22 Analyzed: 03/08/22										
Chloride	0.00		mg/kg wet							
Calibration Blank (P2C0410-CCB2) Prepared: 03/04/22 Analyzed: 03/07/22										
Chloride	0.0910		mg/kg wet							
Calibration Check (P2C0410-CCV1) Prepared: 03/04/22 Analyzed: 03/08/22										
Chloride	21.5		mg/kg	20.0		108	90-110			
Calibration Check (P2C0410-CCV2) Prepared: 03/04/22 Analyzed: 03/07/22										
Chloride	21.8		mg/kg	20.0		109	90-110			
Calibration Check (P2C0410-CCV3) Prepared: 03/04/22 Analyzed: 03/07/22										
Chloride	21.6		mg/kg	20.0		108	90-110			
Matrix Spike (P2C0410-MS1) Source: 2C03008-03 Prepared: 03/04/22 Analyzed: 03/07/22										
Chloride	9030	29.8	mg/kg dry	2980	5880	106	80-120			
Matrix Spike (P2C0410-MS2) Source: 2C03016-02 Prepared: 03/04/22 Analyzed: 03/07/22										
Chloride	533	1.02	mg/kg dry	510	12.6	102	80-120			

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Dean
12600 W County Rd 91
Midland TX, 79707

Project: Maljamar South Truck Station Release
Project Number: PP-22048
Project Manager: Jeff Kindley

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P2C0410 - * DEFAULT PREP *****

Matrix Spike Dup (P2C0410-MSD1)	Source: 2C03008-03		Prepared: 03/04/22 Analyzed: 03/07/22							
Chloride	9240	29.8	mg/kg dry	2980	5880	113	80-120	2.35	20	

Matrix Spike Dup (P2C0410-MSD2)	Source: 2C03016-02		Prepared: 03/04/22 Analyzed: 03/07/22							
Chloride	539	1.02	mg/kg dry	510	12.6	103	80-120	1.09	20	

Batch P2C0701 - * DEFAULT PREP *****

Blank (P2C0701-BLK1)	Prepared & Analyzed: 03/07/22									
% Moisture	ND	0.1	%							

Duplicate (P2C0701-DUP1)	Source: 2C03017-02		Prepared & Analyzed: 03/07/22							
% Moisture	9.0	0.1	%		10.0			10.5	20	

Duplicate (P2C0701-DUP2)	Source: 2C04002-07		Prepared & Analyzed: 03/07/22							
% Moisture	7.0	0.1	%		7.0			0.00	20	

Dean
12600 W County Rd 91
Midland TX, 79707

Project: Maljamar South Truck Station Release
Project Number: PP-22048
Project Manager: Jeff Kindley

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P2C0409 - * DEFAULT PREP *****

Blank (P2C0409-BLK1)

Prepared: 03/04/22 Analyzed: 03/05/22

C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	116		"	100		116	70-130			
Surrogate: o-Terphenyl	61.2		"	50.0		122	70-130			

LCS (P2C0409-BS1)

Prepared: 03/04/22 Analyzed: 03/05/22

C6-C12	1070	25.0	mg/kg wet	1000		107	75-125			
>C12-C28	1040	25.0	"	1000		104	75-125			
Surrogate: 1-Chlorooctane	120		"	100		120	70-130			
Surrogate: o-Terphenyl	65.0		"	50.0		130	70-130			

LCS Dup (P2C0409-BSD1)

Prepared: 03/04/22 Analyzed: 03/05/22

C6-C12	1070	25.0	mg/kg wet	1000		107	75-125	0.253	20	
>C12-C28	1040	25.0	"	1000		104	75-125	0.0742	20	
Surrogate: 1-Chlorooctane	120		"	100		120	70-130			
Surrogate: o-Terphenyl	59.4		"	50.0		119	70-130			

Calibration Check (P2C0409-CCV1)

Prepared: 03/04/22 Analyzed: 03/05/22

C6-C12	547	25.0	mg/kg wet	500		109	85-115			
>C12-C28	482	25.0	"	500		96.4	85-115			
Surrogate: 1-Chlorooctane	117		"	100		117	70-130			
Surrogate: o-Terphenyl	62.3		"	50.0		125	70-130			

Calibration Check (P2C0409-CCV2)

Prepared: 03/04/22 Analyzed: 03/05/22

C6-C12	535	25.0	mg/kg wet	500		107	85-115			
>C12-C28	480	25.0	"	500		96.0	85-115			
Surrogate: 1-Chlorooctane	115		"	100		115	70-130			
Surrogate: o-Terphenyl	59.8		"	50.0		120	70-130			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Dean
12600 W County Rd 91
Midland TX, 79707

Project: Maljamar South Truck Station Release
Project Number: PP-22048
Project Manager: Jeff Kindley

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch P2C0409 - * DEFAULT PREP *****

Calibration Check (P2C0409-CCV3)

Prepared: 03/04/22 Analyzed: 03/05/22

C6-C12	492	25.0	mg/kg wet	500		98.5	85-115			
>C12-C28	471	25.0	"	500		94.1	85-115			
Surrogate: 1-Chlorooctane	128		"	100		128	70-130			
Surrogate: o-Terphenyl	57.8		"	50.0		116	70-130			

Matrix Spike (P2C0409-MS1)

Source: 2C04002-07

Prepared: 03/04/22 Analyzed: 03/05/22

C6-C12	859	26.9	mg/kg dry	1080	16.1	78.4	75-125			
>C12-C28	865	26.9	"	1080	12.5	79.3	75-125			
Surrogate: 1-Chlorooctane	119		"	108		111	70-130			
Surrogate: o-Terphenyl	52.9		"	53.8		98.5	70-130			

Matrix Spike Dup (P2C0409-MSD1)

Source: 2C04002-07

Prepared: 03/04/22 Analyzed: 03/05/22

C6-C12	877	26.9	mg/kg dry	1080	16.1	80.0	75-125	2.09	20	
>C12-C28	872	26.9	"	1080	12.5	79.9	75-125	0.766	20	
Surrogate: 1-Chlorooctane	136		"	108		126	70-130			
Surrogate: o-Terphenyl	57.0		"	53.8		106	70-130			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Dean
12600 W County Rd 91
Midland TX, 79707

Project: Maljamar South Truck Station Release
Project Number: PP-22048
Project Manager: Jeff Kindley

Notes and Definitions

- ROI Received on Ice
- QM-05 The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
- NPBEL C Chain of Custody was not generated at PBELAB
- BULK Samples received in Bulk soil containers may be biased low in the nC6-C12 TPH Range
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference
- LCS Laboratory Control Spike
- MS Matrix Spike
- Dup Duplicate

Report Approved By:  Date: 3/9/2022

Brent Barron, Laboratory Director/Technical Director

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-686-7235.

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Dean
12600 W County Rd 91
Midland TX, 79707

Project: Maljamar South Truck Station Release
Project Number: PP-22048
Project Manager: Jeff Kindley



CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Pemian Basin Environmental Lab, LP
1400 Rankin Hwy
Midland, Texas 79701

Phone: 432-686-7235

Project Manager: Jeff Kindley

Company Name: Dean

Company Address: 12600 WCR 91

City/State/Zip: Midland TX 79707

Telephone No: 432-230-0920

Sampler Signature: *Chelsie Fortson*

Fax No: 432-230-0920

e-mail: jeffkindley@deanodigs.com

stavecasanova@deanodigs.com

keyvianhorgan@deanodigs.com

slzabehrbart@deanodigs.com

Preservation & # of Containers

Analyze For:

Report Format: Standard TRRP NPDES
jessica@deanodigs.com

Project Name: Malajawar South Truck Station Rede

Project #: PP-22048

Project Loc: Lea County, NM

PO# 2022-015

ORDER #: AC03016

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Ice	HNO ₃ 250ml Poly	HCl	H ₂ SO ₄	NaOH	Na ₂ S ₂ O ₃	None 1L Poly	NaOH/ZnAc	Matrix	TPH TX1005 EXT (TEXAS)	BTEX 8021 B	TCLP BENZENE	CHLORIDES	TCLP METALS	NORM	PAINT FILTER	TOX	RCI	pH	TPH 8015 M (NEW MEXICO)	7 Day TAT	24 hour TAT
1	NSW @ 6"	6"	6"	3/3/2022	9:00 AM		1	X								Soil	X	X	X	X	X	X	X	X	X	X	X	X	
2	WSW-1 @ 1'	1'	1'		9:15 AM		1	X									X	X	X	X	X	X	X	X	X	X	X	X	
3	MSW-2 @ 1'	1'	1'		9:30 AM		1	X									X	X	X	X	X	X	X	X	X	X	X	X	
4	SSV @ 1'	1'	1'		9:45 AM		1	X									X	X	X	X	X	X	X	X	X	X	X	X	
5	ESW-1 @ 1'	1'	1'		10:00 AM		1	X									X	X	X	X	X	X	X	X	X	X	X	X	
6	ESW-2 @ 1'	1'	1'		10:15 AM		1	X									X	X	X	X	X	X	X	X	X	X	X	X	
7	GH-1 @ 2'	2'	2'		11:00 AM		1	X									X	X	X	X	X	X	X	X	X	X	X	X	
8	BH-2 @ 2'	2'	2'		10:30 PM		1	X									X	X	X	X	X	X	X	X	X	X	X	X	

Special Instructions:

Relinquished by: *[Signature]*

Relinquished by: *[Signature]*

Relinquished by:

Date: 3/3/2022

Date:

Date:

Time: 10:35

Time:

Time:

Received by:

Received by:

Received by:

Date: 3/3/2022

Date:

Date:

Time: 10:35

Time:

Time:

Laboratory Comments:
 Sample Containers Intact? N
 VOCs Free of Headspace? N
 Labels on container(s) N
 Custody seals on container(s) N
 Custody seals on cooler(s) N
 Sample Hand Delivered N
 by Sampler/Client Rep. ? N
 by Courier? N
 Temperature Upon Receipt: N
 Received: 8:30 °C N
 Adjusted: 9:30 °C Factor N
 UFS N
 DHL N
 FedEx N
 Lone Star N



DOC #: PBEL_SAMPLE_CHECKLIST
REVISION #: PBEL_2021_1
REVISION Date: 10/30/2021
EFFECTIVE DATE: 10/30/2021



DOC #: PBEL_SAMPLE_CHECKLIST
REVISION #: PBEL_2021_1
REVISION Date: 10/30/2021
EFFECTIVE DATE: 10/30/2021

Sample Receipt Checklist

Yes	Notes
<input checked="" type="checkbox"/>	Chain of custody signed/dated/time when relinquished and received?
<input checked="" type="checkbox"/>	Samplers name present on COC?
<input checked="" type="checkbox"/>	Sample containers intact?
<input checked="" type="checkbox"/>	Samples in proper container/bottle?
<input checked="" type="checkbox"/>	All samples received within holding time?
<input checked="" type="checkbox"/>	Analysis requested for all samples submitted?
<input checked="" type="checkbox"/>	Custody seals intact on shipping container/cooler?

Login Notes:
 402
 2003016

PBEL_SAMPLE_CHECKLIST_2021_1

Page 1 of 2

SAMPLE VARIANCE/NON-CONFORMANCE

Variance/Discrepancy:
 Temp 9.3 SDF on Ice

Resolution:

Client Contacted: JD
 Name:
 Date/Time:
 NC Initiated by: TB Approved by: _____

PBEL_SAMPLE_CHECKLIST_2021_1

Page 2 of 2

APPENDIX D.
PHOTOGRAPHIC DOCUMENTATION

Plains Pipeline Site: Maljamar Truck Station Release

Date: April 7, 2022



Direction: West view of release area, 02/25/2022.



Direction: South view of release area, 02/25/2022.

Plains Pipeline Site: Maljamar Truck Station Release

Date: April 7, 2022



Direction: West view of release area after initial response, 02/25/2022.



Direction: South view of release area after initial response, 02/25/2022.

Plains Pipeline Site: Maljamar Truck Station Release

Date: April 7, 2022



Direction: South view of remediation activities, 03/03/2022.



Direction: South view, note pad breakthrough to topsoil layer underneath facility, 03/03/2022.

Plains Pipeline Site: Maljamar Truck Station Release

Date: April 7, 2022



Direction: Southwest view of remediation activities, 03/03/2022.



Direction: South view of remediation activities, 03/03/2022.

Plains Pipeline Site: Maljamar Truck Station Release

Date: April 7, 2022



Direction: West view after backfill activities, 03/23/2022.



Direction: North view after backfill activities, 03/23/2022.

Plains Pipeline Site: Maljamar Truck Station Release

Date: April 7, 2022



Direction: East view after backfill activities, 03/23/2022.



Direction: South view after backfill activities, 03/23/2022.

APPENDIX E.
WASTE MANIFESTS

LEA LAND DISPOSAL SITE NEW MEXICO

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

LEA LAND, LLC

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

All Terrain

NON-HAZARDOUS WASTE MANIFEST

NO **152273**

1. PAGE ___ OF ___

2. TRAILER NO. **364**

G E	3. COMPANY NAME <i>Frontier Field Svc</i> <i>Pipeline LP</i> PLAINS MARKETING	4. ADDRESS <i>1106 Griffin Drive</i> CITY STATE ZIP <i>Midland TX 79706</i>	5. PICK-UP DATE 3/23/22
	PHONE NO.		6. TNRCC I.D. NO.

N E R	7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS		9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
		No.	Type			
a.	<i>Non-Regulated, Non-Hazardous waste</i>					
b.						
c.						
d.	<i>21480 21660 22220</i>					

A	12. COMMENTS OR SPECIAL INSTRUCTIONS: <i>MALJAMAR Truck Station Release</i>	13. WASTE PROFILE NO. <i>T-65,360</i>
---	--	--

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

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

R	PRINTED/TYPED NAME	SIGNATURE	DATE

T R A N S P O R T E R S	16. TRANSPORTER (1)	17. TRANSPORTER (2)
	NAME: <i>DJ Trucking</i>	NAME:
	TEXAS I.D. NO.	TEXAS I.D. NO.
	IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:

T R A N S P O R T E R S	18. TRANSPORTER (1): Acknowledgment of receipt of material	19. TRANSPORTER (2): Acknowledgment of receipt of material
	PRINTED/TYPED NAME <i>X Sergio Escobar</i>	PRINTED/TYPED NAME _____
	SIGNATURE <i>X Sergio Escobar</i> DATE <i>3/23/22</i>	SIGNATURE _____ DATE _____

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

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

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

D I S P O S I T Y	AUTHORIZED SIGNATURE <i>[Signature]</i>	CELL NO.	DATE <i>3/23/22</i>	TIME <i>825</i>
---	--	----------	------------------------	--------------------

LEA LAND DISPOSAL SITE NEW MEXICO

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

LEA LAND, LLC

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

DJ

NON-HAZARDOUS WASTE MANIFEST

NO **152288**

1. PAGE OF

2. TRAILER NO. **177**

G E	3. COMPANY NAME Frontier Field Svc PIPELINE LP PLAINS MARKETING	4. ADDRESS 1106 Griffin Drive	5. PICK-UP DATE 3 23 22
	PHONE NO.	CITY STATE ZIP Midway TX 71706	6. TNRCC I.D. NO.

N E R	7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS		9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
		No.	Type			
a.	Non-Regulated, Non-Hazardous Waste					
b.						
c.						
d.	20280 23880 161160					

A	12. COMMENTS OR SPECIAL INSTRUCTIONS: MALJAMAR Truck Station Release To 60320	13. WASTE PROFILE NO.
---	---	-----------------------

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

O
R
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

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

T R A N S P O R T E R S	16. TRANSPORTER (1)	17. TRANSPORTER (2)
	NAME: DJ TRUCKING	NAME:
	TEXAS I.D. NO.	TEXAS I.D. NO.
	IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:

18. TRANSPORTER (1): Acknowledgment of receipt of material	19. TRANSPORTER (2): Acknowledgment of receipt of material
PRINTED/TYPED NAME Enrique	PRINTED/TYPED NAME _____
SIGNATURE Enrique DATE 3/23/22	SIGNATURE _____ DATE _____

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

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

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

AUTHORIZED SIGNATURE [Signature]	CELL NO.	DATE 3 23 22	TIME 830
--	----------	------------------------	--------------------

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720
District II
 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720
District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 104704

CONDITIONS

Operator: PLAINS MARKETING L.P. 333 Clay Street Suite 1900 Houston, TX 77002	OGRID: 34053
	Action Number: 104704
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved. Note: The depth to groundwater had not been adequately determined. When nearby wells are used to determine depth to groundwater, the wells should be no further than ½ mile away from the site, and data should be no more than 25 years old. The well that was outlined in the report was from 1982 and 0.91 miles away. OCD was able to locate a well from 2017 and 0.39 miles away with a DTW >100'.	5/25/2022