REMEDIATION WORK PLAN

Mewbourne Oil Co
Apollo Runway Frac Line Release

Eddy, County, New Mexico
Unit Letter E, Section 10, Township 23 South, Range 26 East
Latitude 32.321533 North, Longitude -104.287105 West
NMOCD Reference Number #nAPP2527734297
SLO Subsurface Lease #VO46550001
SLO Surface Lease #GO16840001

Prepared By:

Tellus Services, LLC
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TELLUS SERVICES

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Tellus Services LLC (Tellus) on behalf of Mewbourne Oil Co. (Mewbourne) have prepared this *Remediation Work Plan (Work Plan)* to document assessment and soil sampling activities completed to date and propose actions to address impacted soil identified at the Apollo Frac Line Release (site) following a produced water release. The following Work Plan proposes a Cultural Resources Inventory for a portion of the site, and excavation of impacted soil identified at the site.

1.0 - PROJECT INFORMATION

The site is located in Unit Letter E, Section 10, Township 23 South, Range 26 East, more specifical with a latitude of 32.321533 North, and longitude -104.287105 West. The site is associated with oil and gas exploration and production operations in Eddy County, New Mexico. The release occurred on New Mexico State Land Office (SLO) energy lease number VO46550001. A topographic vicinity map can be found in Figure 1, while SLO lease information can be reviewed in Appendix A.

On September 28th, 2025, a failure to a frac line resulted in the release of an estimated 253 barrels of produced water onto and near an entry and exit roadway, then continuing to flow onto the nearby pasture. The repair of the line was completed and approximately three (3) barrels of fluid were recovered, netting a loss of approximately 250 barrels. Mewbourne reported the release to the New Mexico Oil Conservation Division (NMOCD) on a *Release Notification Form C-141* (Form C-141) as a major release and an incident number nAPP2527734297 was issued (Appendix D).

2.0 - SITE CHARACTERIZATION & CLOSURE CRITERIA

A search of the New Mexico Office of the State Engineer (NMOSE) and United States Geological Survey (USGS) groundwater databases was completed to determine the horizontal distance of groundwater wells located within a ½ mile of the release site. No known water wells were located within one half mile of the site; however, probable groundwater depth was determined by numeric models based on available well data and published information to an estimated depth greater than 100 feet below ground surface. The release did not impact any surface water. Depth to groundwater information is provided in Appendix A and is summarized below.

MINIMUM DISTANCE TO THE CLOSEST LATERAL EXTENT OF THE RELASE	
Continuous flowing water course or significant water source	1/2 Mile to 1 (mi)
Any lakebed, sinkhole, or playa lake	Greater than 5 (mi)
An occupied permanent residence, school, hospital, institution, or church	2,000 (ft) 4/10 (mi)
A spring or private domestic fresh water well	1/2 Mile to 1 (mi)
Other Fresh water well or spring	1/2 Mile to 1 (mi)
Incorporated municipal boundaries or defined municipal fresh water well field	1 to 5 (mi)
Wetland	1/2 Mile to 1 (mi)
Subsurface Mine	Greater than 5 (mi)
(Non-Karst) Unstable Area	1/2 Mile to 1 (mi)
Karst Category	Medium
100 Year Flood Plain	1/2 Mile to 1 (mi)
Impact areas not associated with oil/gas production	YES

Tellus personnel conducted a desktop review of sensitive biological species within the area of concern utilizing U.S. Fish and Wildlife Service Information for Planning and Consultation (IPaC), and the Bureau of Land Management (BLM) Plant and Wildlife Habitat mapping resources (Appendix A).

While there were no sensitive factors noted in the review, the *Cultural Properties Proection Rule* (CPP) is necessary to be followed given the release flow path is within a surface area that has not been previously disturbed. Currently only a portion of the release is covered by a qualifying archaeological survey; therefor completion of a cultural resources survey for the remaining portion of the release is necessary.

The site was characterized for applicability of Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29 (19.15.29) of the New Mexico Administrative Code (NMAC). Results from the characterization are summarized below and follow the most stringent closure criteria to the uppermost four (4) feet and a closure limit for a depth of water greater than 100 feet below ground surface to soils below four (4) feet.

Probable Depth to Groundwater	Constituent	Laboratory Analytical Method	Closure Criteria*†	Reclamation Standard*‡
>100 Feet	Chloride (Cl-)	EPA 300.0 or SM4500 Cl B	20,000	600
	Total Petroleum Hydrocarbons (TPH)	EPA SW-846 Method 8015M Ext	2,500	100
	Gas Range Organics + Diesel Range Organics (GRO + DRO)	EPA SW-846 Method 8015M	1,000	N/A
	Benzene	EPA SW-846 Methods 8021b or 8260b	10	10
	Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	EPA SW-846 Methods 8021b or 8260b	50	50

* Measured in milligrams per kilogram (mg/kg)
† Table I, Section 19.15.29.12 of the New Mexico Administrative Code (NMAC).
‡ The NMOCD Reclamation Standard applies only to the top 4' of soil in non-production areas. Section 19.15.29.13 D.(1) NMAC.

3.0 - BACKGROUND INFORMATION

A sampling notification was submitted for the site assessment and delineation soil sampling events. Three (3) separate notifications were submitted for dates between October 8th through October 10th and can be found in Appendix D with all NMOCD correspondence information. On October 8th, 2025, Tellus began the vertical and horizontal delineation assessment to evaluate soil impacts caused during the release.

A total of thirteen (13) horizontal delineation sample points (H1 through H13 were collected at surface , while an additional fifteen (15) vertical sample points (V1 through V15) were advanced to depths ranging from surface to two (2) feet below ground surface inside the release footprint. A site map detailing sample locations can be found in Figure 2 .

Each of the soil samples collected was placed directly into laboratory provided sample containers, stored on ice, and transported under the proper chain of custody protocol to Permian Basine Environmental Laboratories in Midland, Texas. The samples were then analyzed for total petroleum hydrocarbons (TPH) under method EPA method 8015, benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride (Method SM4500CL-B or 300.0). A summary table of the findings can be reviewed in Table I, while the laboratory provided analytical results are contained in Appendix C

4.0 - PROPOSED REMEDIATION WORK PLAN

The field assessment and soil delineation results indicate that soil containing elevated and/or chloride concentrations exists across the entire release footprint of the release, measuring approximately 71,155 square feet and extends to a maximum depth of two (2) feet below ground surface. Mewbourne proposes to complete the following remediation activities:

- SWCA Environmental Consultants shall perform a complete comprehensive Cultural Resources Inventory and Report for the areas not within a current surface area covered by a qualifying archaeological survey within a 100' buffer of the release footprint utilizing the New Mexico State Land Office (SLO) as the Lead agency for cultural inventory in accordance with 4.10.15 NMAC.
    - Should the site contain no known cultural materials the site work may then proceed upon completion of an ARMS letter being provided.
        - Excavation of chloride impacted soils within the release footprint totaling approximately 71,155 square feet shall. Extents of excavation shall follow delineation data and/or a maximum depth of two (2) feet below ground surface.
        - Field screens shall be collected during excavation utilizing *Quantab* chloride high and low range strips, and/or EC meter technology. Soil samples analyzed shall be used to confirm excavation floor (vertical), and sidewalls (horizontal) areas are within regulatory closure limits of the most stringent Closure Criteria of Table I of the closure criteria.
        - An estimated 4,500 cubic yards of chloride impacted soil will be excavated and staged on a plastic liner to prevent contamination of the soil below.
        - Contaminated soil shall then be loaded and transported to the nearest approved landfill facility for disposal under strict manifest procedures.
        - Prior to the confirmation soil sampling event a four (4) day notification shall be given to both the NMOCD, and the SLO
        - 5-point composite samples shall be collected from within the excavation floor as well as sidewalls of the excavation. Each composite sample shall be collected from an area not to exceed 200 square feet, and collection point shall be derived from five equivalent grab points of soil into a 1-gallon, resealable plastic bag and homogenizing the samples by thoroughly mixing the bag and analyzed for TPH (EPA method 8015), BTEX (EPA Method 8021B), and chloride (Method SM4500CL-B or 300.0).
        - Upon soil analytical data confirmation of regulatory closure limits, the excavation will be backfilled and recontoured to match pre-existing conditions and backfilled with locally sourced, non-impacted "like" material. Affected area shall be compacted and contoured to achieve erosion control, stability, and preservation of surface sheet water flow, to the extent practicable.
        - To aid in vegetation growth and prepare the seed bed post excavation, the area shall be ripped, and seeding shall be conducted no more than two (2) weeks after seed bed preparation has been performed during the first favorable planting season. The seed shall be a certified weed-free NMSLO Loamy seed mixture applied with a broadcast spread rate and then watered in place. Erosion control shall consist of disking and tilling implements to build small ridges and valleys perpendicular to the stormwater flow. Areas within production and/or lease roads will not be reseeded.

- If the area is known to contain positive factors within the area of potential effect, a comprehensive report shall be provided to satisfy agency requirements. SWCA shall develop and submit to the SLO compliance measures to avoidance and mitigation of damage to cultural properties within 30 days of the findings.

    - An updated *Remediation Work Plan* shall be submitted for approval within 15 days of the CPP report having been submitted.

5.0 SCHEDULE OF IMPLEMENTATION

This project is expected to take approximately eight (8) weeks to complete.

- Week 1 -2 : SWCA Environmental Consultants shall perform a complete comprehensive Cultural Resources Inventory and Report for the areas not within a current surface area covered by a qualifying archaeological survey.
- Week 2 : Mobilize equipment to site.
- Week 3 : Commence excavation of impacted soils. Begin transportation of impacted materials to disposal facility.
- Week 4 : Complete excavation and transportation of impacted soils to disposal facility, Submit sampling notifications.
- Week 5 : Confirmation soil sampling event
- Week 6 : Laboratory soil sampling results, add excavation and re sampling if needed.
- Week 7 : Backfilling, seed bed preparation, seeding, and site stabilization.
- Week 8 : Final remediation closure report will be submitted to NMOCD, SLO within 30 days of field work completion.

6.0 - LIMITATIONS

Tellus Services LLC has prepared this *Remediation Work Plan* to the best of its ability. No other warranty is expressed, or implied, is made or intended. Tellus has examined and relied upon documents referenced in the report and oral statements made by certain individuals. This report has been prepared in a professional manner, using the degree of skill and care exercised by similar environmental consultants.

This report has been prepared for the benefit of Mewbourne Oil Co. Use of the information contained in this report is prohibited without the consent of Tellus and/or Mewbourne.

Respectfully Submitted,

Jamey Fowler
President
Tellus Services

7.0 - DISTRIBUTION

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P.O. Box 5270
Hobbs, NM 88241

New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division, District 1
1220 South St. Francis Drive
Santa Fe, NM 87505

New Mexico State Land Office
Environmental Compliance Office
310 Old Santa Fe Trail
Santa Fe, NM 87501

Apollo Oilfield Services
4610 S County Road 1144
Midland, TX 79706

FIGURES

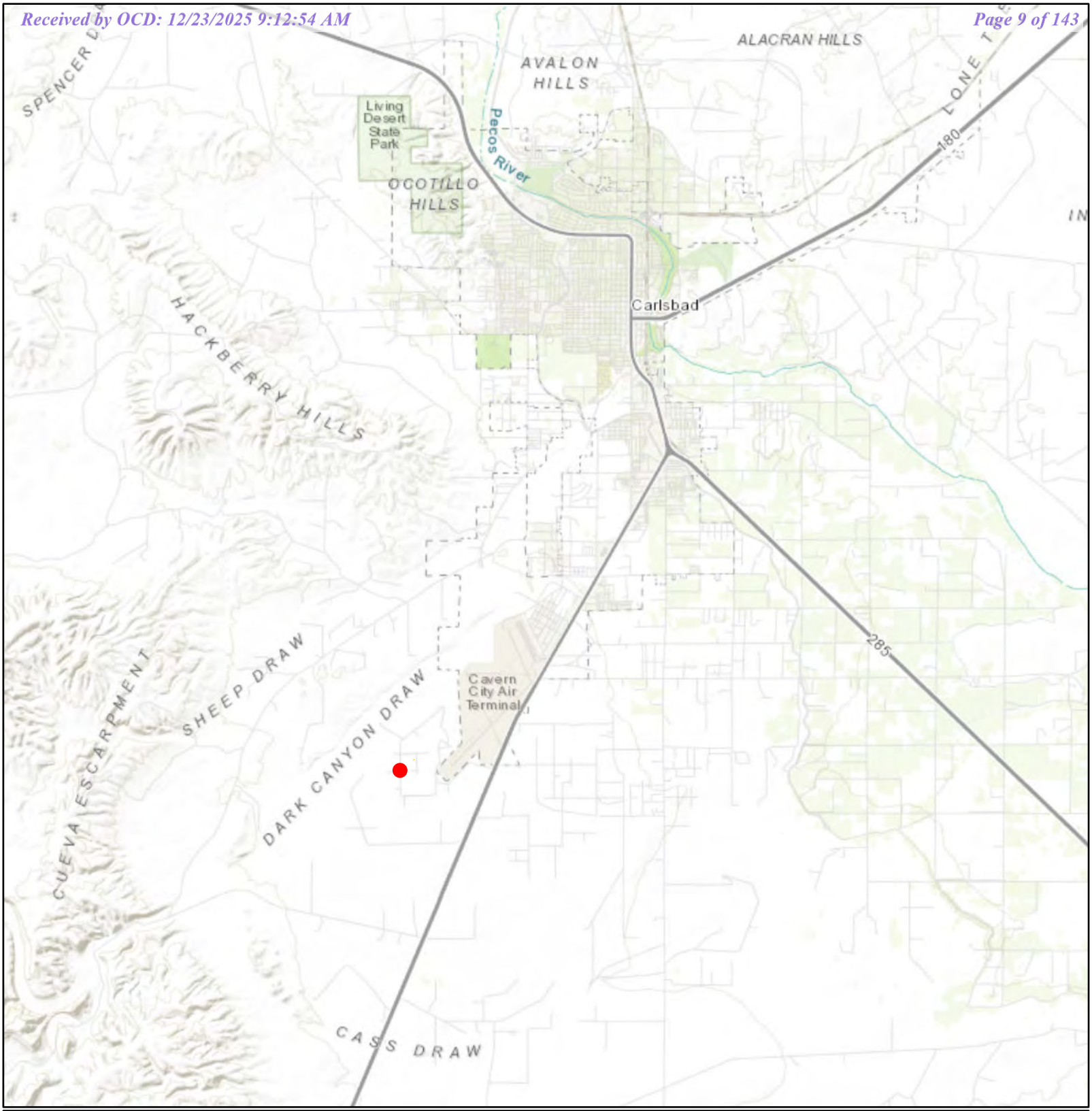


FIGURE 1 - Topographic Map/Vicinity Map

0 0.75 1.5 3 mi

N

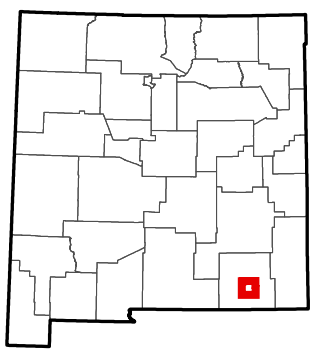
New Mexico State Land Office

Disclaimer:
The New Mexico State Land Office assumes no responsibility or liability for, or in connection with the accuracy, reliability or use of the information provided herein with respect to State Land Office data or data from other sources.

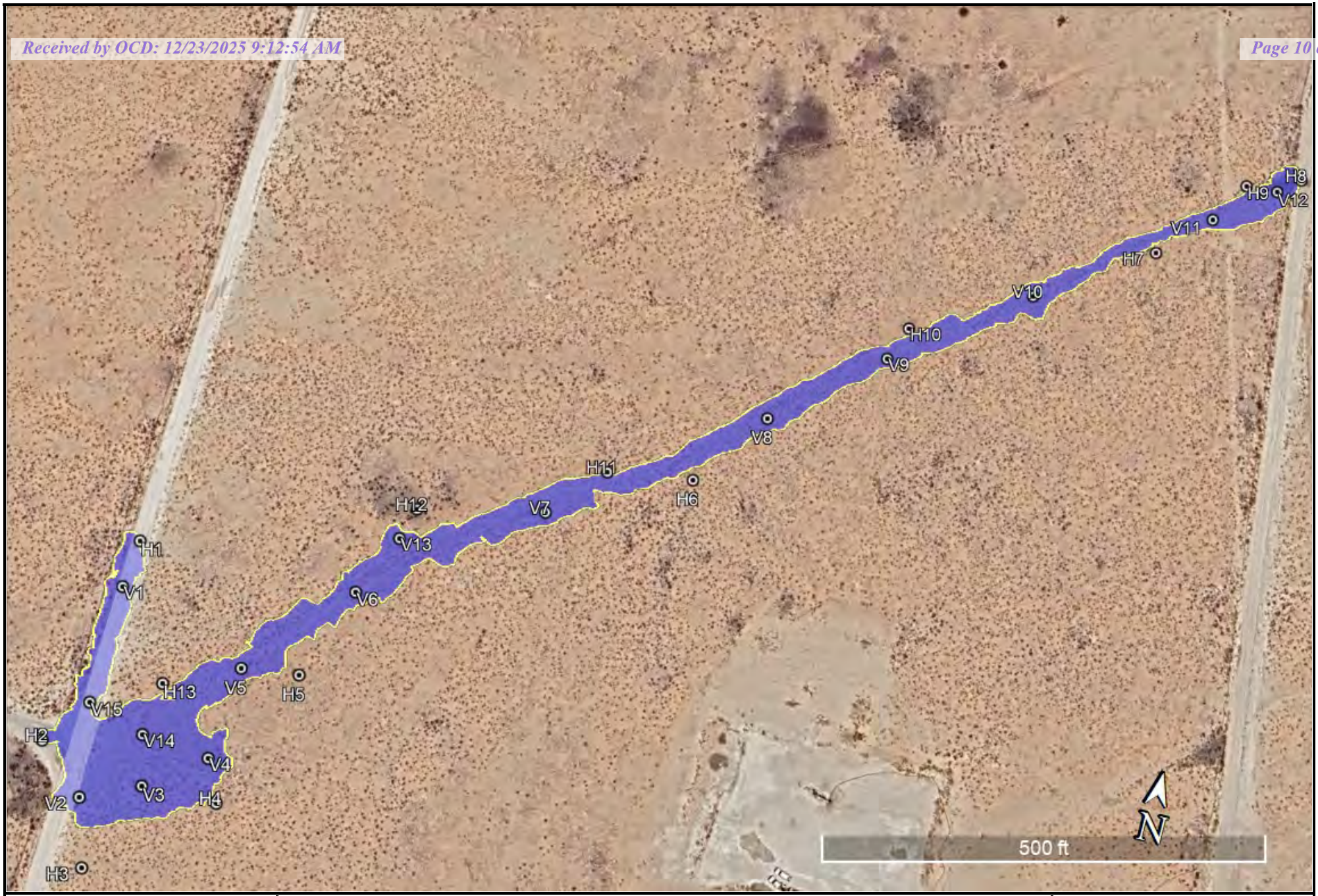
Data pertaining to New Mexico State Trust Lands are provisional and subject to revision, and do not constitute an official record of title. Official records may be reviewed at the New Mexico State Land Office in Santa Fe, New Mexico.

LEGEND

Site



Map Created: 12/21/2025



TELLUS SERVICES

FIGURE 2 - SITE MAP

APOLLO RUNWAY FRAC LINE RELEASE

NMOCD INCIDENT #nAPP2527734297

EDDY COUNTY, NEW MEXICO

Legend

- Soil Sample
- Release Footprint

TABLES

Table I – Concentrations of BTEX, TPH, and Chloride in Soil

Table 1
Soil Analytical Summary
Apollo Runway Frac Line Release
Eddy County, New Mexico

Sample ID	Sample Date	Depth (feet bgs)	Benzene	Toluene	Ethylbenzene	Xylene (total)	Total BTEX	TPH (GRO) (>C6-C10)	TPH (DRO) (<C10-C28)	EXT MRO (>C28-C36)	TOTAL TPH	CHLORIDE
			NMOCD Reclamation and Closure Limits (<50 ft groundwater)									
			10				50				100	600
H-1	10/08/2025	Surface	ND	ND	ND	ND	ND	ND	**138**	**66.6**	**205**	**26.5**
H-2	10/08/2025	Surface	ND	ND	ND	ND	ND	ND	ND	ND	ND	**29.8**
H-3	10/08/2025	Surface	ND	ND	ND	ND	ND	ND	ND	ND	ND	**13.9**
H-4	10/08/2025	Surface	ND	ND	ND	ND	ND	ND	ND	ND	ND	**8.83**
H-5	10/08/2025	Surface	ND	ND	ND	ND	ND	ND	ND	ND	ND	**9.89**
H-6	10/08/2025	Surface	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1.02**
H-7	10/08/2025	Surface	ND	ND	ND	ND	ND	ND	ND	ND	ND	**2.47**
H-8	10/08/2025	Surface	ND	ND	ND	ND	ND	ND	ND	ND	ND	**7.99**
H-9	10/08/2025	Surface	ND	ND	ND	ND	ND	ND	ND	ND	ND	**16.9**
H-10	10/08/2025	Surface	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10.0**
H-11	10/08/2025	Surface	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1.81**
H-12	10/08/2025	Surface	ND	ND	ND	ND	ND	ND	ND	ND	ND	**12.9**
H-13	10/08/2025	Surface	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
V-1	10/08/2025	Surface	ND	ND	ND	ND	ND	ND	ND	ND	ND	**22300**
	10/08/2025	1'	ND	ND	ND	ND	ND	ND	ND	ND	ND	**438**
V-2	10/08/2025	Surface	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10400**
	10/08/2025	2'	ND	ND	ND	ND	ND	ND	ND	ND	ND	**486**
V-3	10/08/2025	Surface	ND	ND	ND	ND	ND	ND	ND	ND	ND	**18500**
	10/08/2025	1'	ND	ND	ND	ND	ND	ND	ND	ND	ND	**61.4**
V-4	10/08/2025	Surface	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10600**
	10/08/2025	2'	ND	ND	ND	ND	ND	ND	ND	ND	ND	**93.2**
V-5	10/08/2025	Surface	ND	ND	ND	ND	ND	ND	ND	ND	ND	**20800**
	10/08/2025	2'	ND	ND	ND	ND	ND	ND	ND	ND	ND	**152**
V-6	10/08/2025	Surface	ND	ND	ND	ND	ND	ND	ND	ND	ND	**21200**
	10/08/2025	2'	ND	ND	ND	ND	ND	ND	ND	ND	ND	**76.9**
V-7	10/08/2025	Surface	ND	ND	ND	ND	ND	ND	ND	ND	ND	**40700**
	10/08/2025	2'	ND	ND	ND	ND	ND	ND	ND	ND	ND	**208**
V-8	10/08/2025	Surface	ND	ND	ND	ND	ND	ND	ND	ND	ND	**12300**
	10/08/2025	2'	ND	ND	ND	ND	ND	ND	ND	ND	ND	**107**
V-9	10/08/2025	Surface	ND	ND	ND	ND	ND	ND	ND	ND	ND	**8980**
	10/08/2025	1'	ND	ND	ND	ND	ND	ND	ND	ND	ND	**92.0**
V-10	10/08/2025	Surface	ND	ND	ND	ND	ND	ND	ND	ND	ND	**7990**
	10/08/2025	1'	ND	ND	ND	ND	ND	ND	ND	ND	ND	**222**
V-11	10/08/2025	Surface	ND	ND	ND	ND	ND	ND	ND	ND	ND	**22700**
	10/08/2025	2'	ND	ND	ND	ND	ND	ND	ND	ND	ND	**147**
V-12	10/08/2025	Surface	ND	ND	ND	ND	ND	ND	ND	ND	ND	**14100**
	10/08/2025	2'	ND	ND	ND	ND	ND	ND	ND	ND	ND	**190**
V-13	10/08/2025	Surface	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10400**
	10/08/2025	2'	ND	ND	ND	ND	ND	ND	ND	ND	ND	**114**
V-14	10/08/2025	Surface	ND	ND	ND	ND	ND	ND	ND	ND	ND	**14400**
	10/08/2025	1'10"	ND	ND	ND	ND	ND	ND	ND	ND	ND	**92.3**
V-15	10/08/2025	Surface	ND	ND	ND	ND	ND	ND	ND	ND	ND	**23700**
	10/08/2025	1'6"	ND	ND	ND	ND	ND	ND	ND	ND	ND	**266**

Notes:
1. bgs - below ground surface
2. TPH - total petroleum hydrocarbons
3. GRO - gasoline range organics
4. DRO - diesel range organics
5. MRO - mineral range organcis
6. NMOCD - New Mexico Oil Conservation Division
7. Bold font indicates analyte was detected
8. Yellow highlighting and bold indicates analytical results exceeding the NMOCD Closure Criteria Recommended Remediation Action Levels

APENDICES

Appendix A – Site Characterization Information

OSE POD Location Map - Apollo Runway Frac Line Release

10/8/2025, 9:43:00 AM

GIS WATERS PODs

- Pending
- Active
- Inactive
- Unknown
- Sections
- Site

1:18,056

0 0.17 0.35 0.7 mi

0 0.28 0.55 1.1 km

Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, OSE SLO, Maxar

Online web user

This is an unofficial map from the OSE's online application.

POD - APOLLO RUNWAY FRAC LINE RELEASE

10/8/2025, 11:03:46

AM Areas

1/2 Mile Radius

300' Radius

500' Radius

1,000' Radius

OSE Water PODs

USGS Historical GW Wells

1:18,056

0 0.17 0.35 0.7 mi

0 0.28 0.55 1.1 km

USGS, OCD, Maxar

New Mexico Oil Conservation Division

Point of Diversion Summary

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

NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
	C 02382			SE	03	23S	26E	568065.0	3577254.0 *	

*** UTM location was derived from PLSS - see Help**

Driller License:	461	**Driller Company:**	C & J DRILLING COMPANY		
Driller Name:	HAMMOND, MARK				
Drill Start Date:	1994-04-06	**Drill Finish Date:**	1994-04-16	**Plug Date:**	
Log File Date:	1995-04-28	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	30
Casing Size:	7.00	**Depth Well:**	288	**Depth Water:**	248

Water Bearing Stratifications:

Top	Bottom	Description
255	260	Sandstone/Gravel/Conglomerate

Casing Perforations:

Top	Bottom
228	288

National Flood Hazard Layer FIRMette

FEMA

104°17'32"W 32°19'33"N

104°16'54"W 32°19'3"N

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

1:6,000

Basemap Imagery Source: USGS National Map 2023

Legend

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

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 / 17.5 Cross Sections with 1% Annual Chance / Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 10/8/2025 at 2:55 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.

U.S. Fish and Wildlife Service

National Wetlands Inventory

National Wetlands Map - Apollo Runway Fr

October 8, 2025

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.

National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

United States Department of Agriculture

NRCS

Natural Resources Conservation Service

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

Custom Soil Resource Report for Eddy Area, New Mexico

Apollo Runway Frac Line Release

December 21, 2025

Preface

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

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

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

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

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

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

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Contents

Soil Map

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

Custom Soil Resource Report
Soil Map (Apollo Runway Frac Line Release)

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

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

Background
- Aerial Photography

MAP INFORMATION

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

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

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

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

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

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

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

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 21, Sep 9, 2025

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

Date(s) aerial images were photographed: 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.

Map Unit Legend (Apollo Runway Frac Line Release)

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
RE	Reagan-Upton association, 0 to 9 percent slopes	9.1	100.0%
Totals for Area of Interest		**9.1**	**100.0%**

Map Unit Descriptions (Apollo Runway Frac Line Release)

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

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

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

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The

delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

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

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

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

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

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

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

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

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

Eddy Area, New Mexico

RE—Reagan-Upton association, 0 to 9 percent slopes

Map Unit Setting

National map unit symbol: 1w5d
Elevation: 1,100 to 5,400 feet
Mean annual precipitation: 6 to 14 inches
Mean annual air temperature: 60 to 64 degrees F
Frost-free period: 180 to 240 days
Farmland classification: Farmland of statewide importance

Map Unit Composition

Reagan and similar soils: 70 percent
Upton and similar soils: 25 percent
Minor components: 5 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Reagan

Setting

Landform: Alluvial fans, fan remnants
Landform position (three-dimensional): Rise
Down-slope shape: Linear, convex
Across-slope shape: Linear
Parent material: Alluvium and/or eolian deposits

Typical profile

H1 - 0 to 8 inches: loam
H2 - 8 to 60 inches: loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 40 percent
Maximum salinity: Very slightly saline to moderately saline (2.0 to 8.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Moderate (about 8.2 inches)

Interpretive groups

Land capability classification (irrigated): 2e
Land capability classification (nonirrigated): 6e
Hydrologic Soil Group: B
Ecological site: R042CY153NM - Loamy
Hydric soil rating: No

Description of Upton

Setting

Landform: Fans, ridges
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: R042CY159NM - Shallow Loamy
Hydric soil rating: No

Minor Components

Atoka

Percent of map unit: 3 percent
Ecological site: R070BC007NM - Loamy
Hydric soil rating: No

Pima

Percent of map unit: 2 percent
Ecological site: R070BC017NM - Bottomland
Hydric soil rating: No

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APOLLO RUNWAY FRAC LINE RELEASE - Karst Potential

0 0.03 0.05 0.1 mi

N

New Mexico State Land Office

Disclaimer:
The New Mexico State Land Office assumes no responsibility or liability for, or in connection with the accuracy, reliability or use of the information provided herein with respect to State Land Office data or data from other sources.

Data pertaining to New Mexico State Trust Lands are provisional and subject to revision, and do not constitute an official record of title. Official records may be reviewed at the New Mexico State Land Office in Santa Fe, New Mexico.

drawGraphics_poly

User drawn polygons

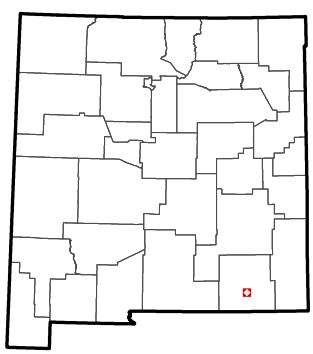
Karst_Potential_NM

Potential

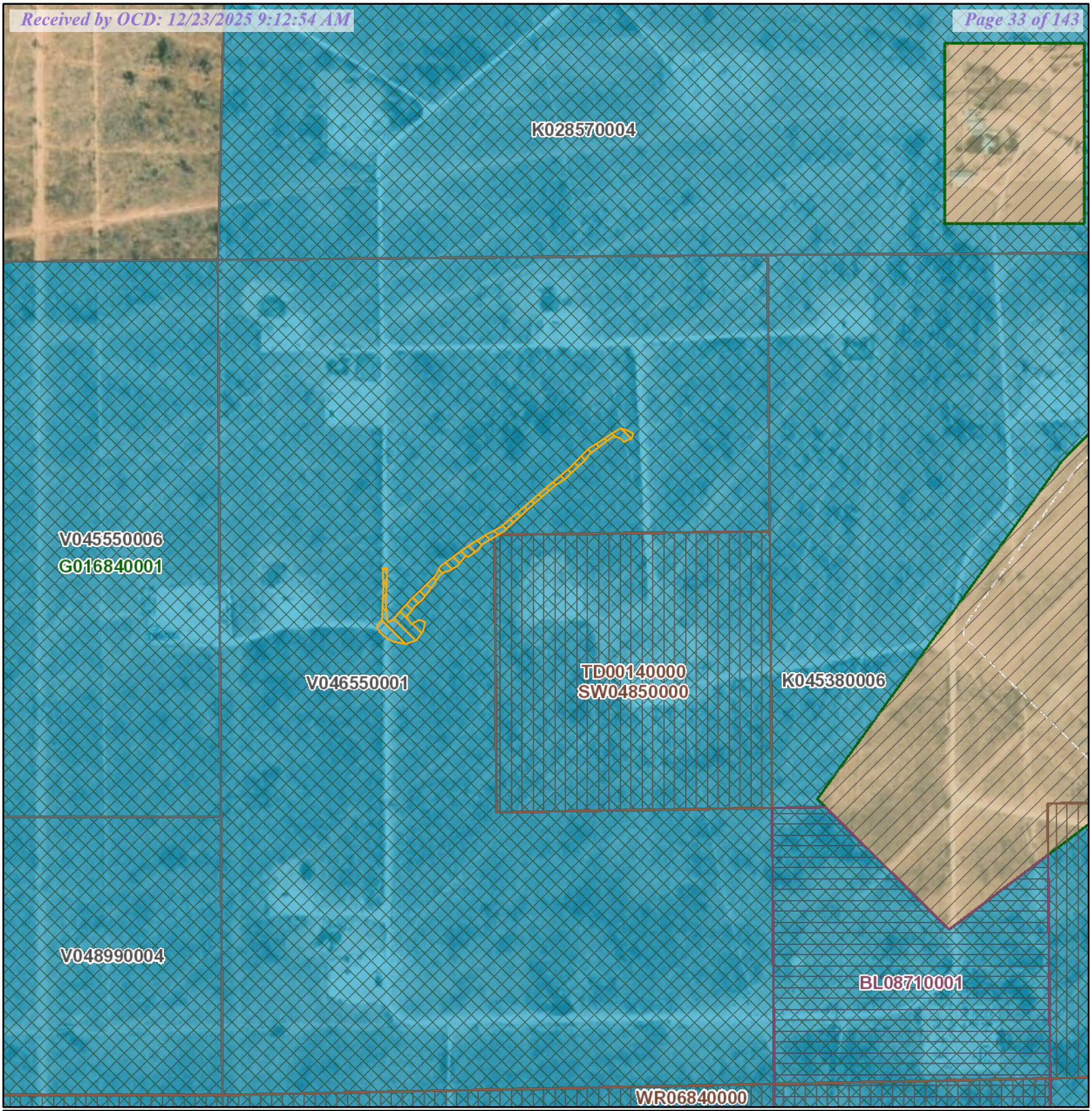
Critical

High

Medium



Map Created: 12/21/2025



SLO Land Status - Apollo Runway Frac Line Release

0 0.05 0.1 0.2 mi

N

New Mexico State Land Office

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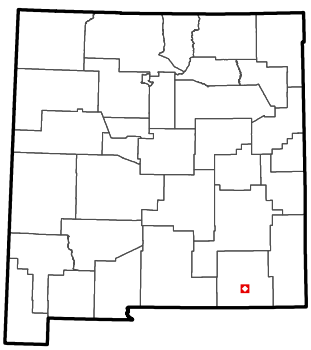
drawGraphics_poly
- User drawn polygons
- Oil and Gas Leasing Restrictions
- Energy Leases
- Agricultural Leases

- Oil and Gas Leases
- Minerals Leases
- Commercial Leases

New Mexico State Trust Lands
- Subsurface Estate
- Surface Estate
- Both Estates



Map Created: 10/8/2025

IPaC resource list

This report is an automatically generated list of species and other resources such as critical habitat (collectively referred to as *trust resources*) under the U.S. Fish and Wildlife Service's (USFWS) jurisdiction that are known or expected to be on or near the project area referenced below. The list may also include trust resources that occur outside of the project area, but that could potentially be directly or indirectly affected by activities in the project area. However, determining the likelihood and extent of effects a project may have on trust resources typically requires gathering additional site-specific (e.g., vegetation/species surveys) and project-specific (e.g., magnitude and timing of proposed activities) information.

Below is a summary of the project information you provided and contact information for the USFWS office(s) with jurisdiction in the defined project area. Please read the introduction to each section that follows (Endangered Species, Migratory Birds, USFWS Facilities, and NWI Wetlands) for additional information applicable to the trust resources addressed in that section.

Location

Eddy County, New Mexico

Local office

New Mexico Ecological Services Field Office

(505) 346-2525
(505) 346-2542

2105 Osuna Road Ne

Albuquerque, NM 87113-1001

Endangered species

This resource list is for informational purposes only and does not constitute an analysis of project level impacts.

The primary information used to generate this list is the known or expected range of each species. Additional areas of influence (AOI) for species are also considered. An AOI includes areas outside of the species range if the species could be indirectly affected by activities in that area (e.g., placing a dam upstream of a fish population even if that fish does not occur at the dam site, may indirectly impact the species by reducing or eliminating water flow downstream). Because species can move, and site conditions can change, the species on this list are not guaranteed to be found on or near the project area. To fully determine any potential effects to species, additional site-specific and project-specific information is often required.

Section 7 of the Endangered Species Act **requires** Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, or licensed by any Federal agency. A letter from the local office and a species list which fulfills this requirement can **only** be obtained by requesting an official species list from either the Regulatory Review section in IPaC (see directions below) or from the local field office directly.

For project evaluations that require USFWS concurrence/review, please return to the IPaC website and request an official species list by doing the following:

1. Draw the project location and click CONTINUE.
2. Click DEFINE PROJECT.
3. Log in (if directed to do so).
4. Provide a name and description for your project.
5. Click REQUEST SPECIES LIST.

Listed species[1] and their critical habitats are managed by the Ecological Services Program of the U.S. Fish and Wildlife Service (USFWS) and the fisheries division of the National Oceanic and Atmospheric Administration (NOAA Fisheries[2]).

Species and critical habitats under the sole responsibility of NOAA Fisheries are **not** shown on this list. Please contact NOAA Fisheries for species under their jurisdiction.

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1. Species listed under the Endangered Species Act are threatened or endangered; IPaC also shows species that are candidates, or proposed, for listing. See the listing status page for more information. IPaC only shows species that are regulated by USFWS (see FAQ).
2. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

The following species are potentially affected by activities in this location:

Birds

NAME	STATUS
Northern Aplomado Falcon Falco femoralis septentrionalis No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/1923	EXPN
Piping Plover Charadrius melodus There is **final** critical habitat for this species. Your location does not overlap the critical habitat. https://ecos.fws.gov/ecp/species/6039	Threatened

Clams

NAME	STATUS
Texas Hornshell Popenaias popeii Wherever found There is **proposed** critical habitat for this species. Your location does not overlap the critical habitat. https://ecos.fws.gov/ecp/species/919	Endangered

Insects

NAME	STATUS
Monarch Butterfly Danaus plexippus Wherever found There is **proposed** critical habitat for this species. Your location does not overlap the critical habitat. https://ecos.fws.gov/ecp/species/9743	Proposed Threatened

Critical habitats

Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

There are no critical habitats at this location.

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 nests, should follow appropriate regulations and implement required avoidance and minimization measures, as described in the various links on this page.

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

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

Bald & Golden Eagles FAQs

What does IPaC use to generate the potential presence of bald and golden eagles in my specified location?

The potential for eagle presence is derived from data provided by the Avian Knowledge Network (AKN). The AKN data is based on a growing collection of survey, banding, and citizen science datasets and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are an eagle (Bald and Golden Eagle Protection Act requirements may apply).

Proper interpretation and use of your eagle report

On the graphs provided, please look carefully at the survey effort (indicated by the black vertical line) and for the existence of the "no data" indicator (a red horizontal line). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort line or no data line (red horizontal) means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests

might be present). The list and associated information help you know what to look for to confirm presence and helps guide you in knowing when to implement avoidance and minimization measures to eliminate or reduce potential impacts from your project activities or get the appropriate permits should presence be confirmed.

How do I know if eagles are breeding, wintering, or migrating in my area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating, or resident), you may query your location using the RAIL Tool and view the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. If an eagle on your IPaC migratory bird species list has a breeding season associated with it (indicated by yellow vertical bars on the phenology graph in your “IPaC PROBABILITY OF PRESENCE SUMMARY” at the top of your results list), there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

Interpreting the Probability of Presence Graphs

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. A taller bar indicates a higher probability of species presence. The survey effort can be used to establish a level of confidence in the presence score.

How is the probability of presence score calculated? The calculation is done in three steps:
The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.

To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is 0.25/0.25 = 1; at week 20 it is 0.05/0.25 = 0.2.

The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

Breeding Season ()
Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort ()
Vertical black lines superimposed on probability of presence bars indicate 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.

Survey Timeframe
Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.

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.

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

Measures for Proactively Minimizing Migratory Bird Impacts

Your IPaC Migratory Bird list showcases birds of concern, including Birds of Conservation Concern (BCC), in your project location. This is not a comprehensive list of all birds found in your project area. However, you can help proactively minimize significant impacts to all birds at your project location by implementing the measures in the Nationwide avoidance and minimization measures for birds document, and any other project-specific avoidance and minimization measures suggested at the link Measures for avoiding and minimizing impacts to birds for the birds of concern on your list below.

Ensure Your Migratory Bird List is Accurate and Complete

If your project area is in a poorly surveyed area, 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 document, 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 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.

Review the FAQs

The FAQs below provide important additional information and resources.

NAME	BREEDING SEASON

Black-chinned Sparrow Spizella atrogularis This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9447	Breeds Apr 15 to Jul 31
Cactus Wren Campylorhynchus brunneicapillus guttatus 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 Peucaea cassinii 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 Calcarius ornatus This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds elsewhere
Henry's Common Nighthawk Chordeiles minor henryi This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA	Breeds May 21 to Aug 25
Varied Bunting Passerina versicolor This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds Apr 25 to Sep 30

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 (■)

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.
2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is 0.25/0.25 = 1; at week 20 it is 0.05/0.25 = 0.2.
3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

To see a bar's probability of presence score, simply hover your mouse cursor over the bar.

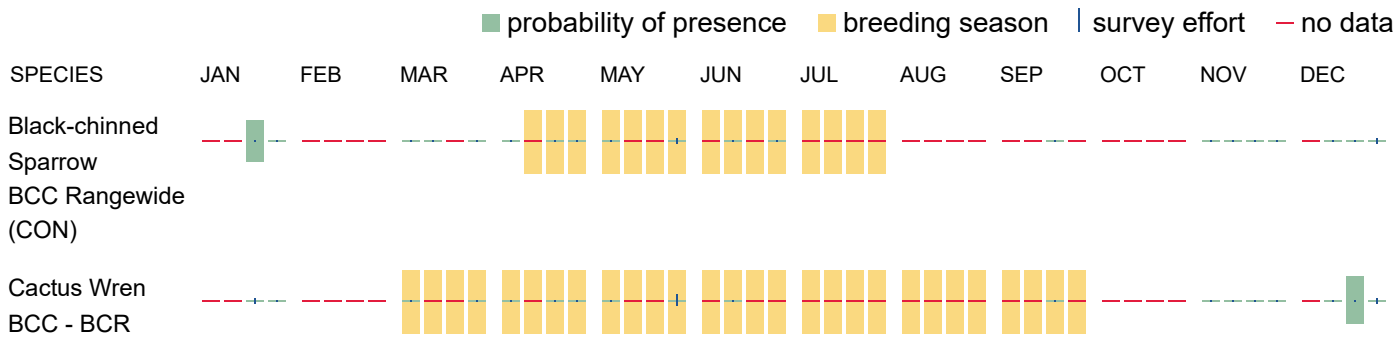
Breeding Season (▪)
Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

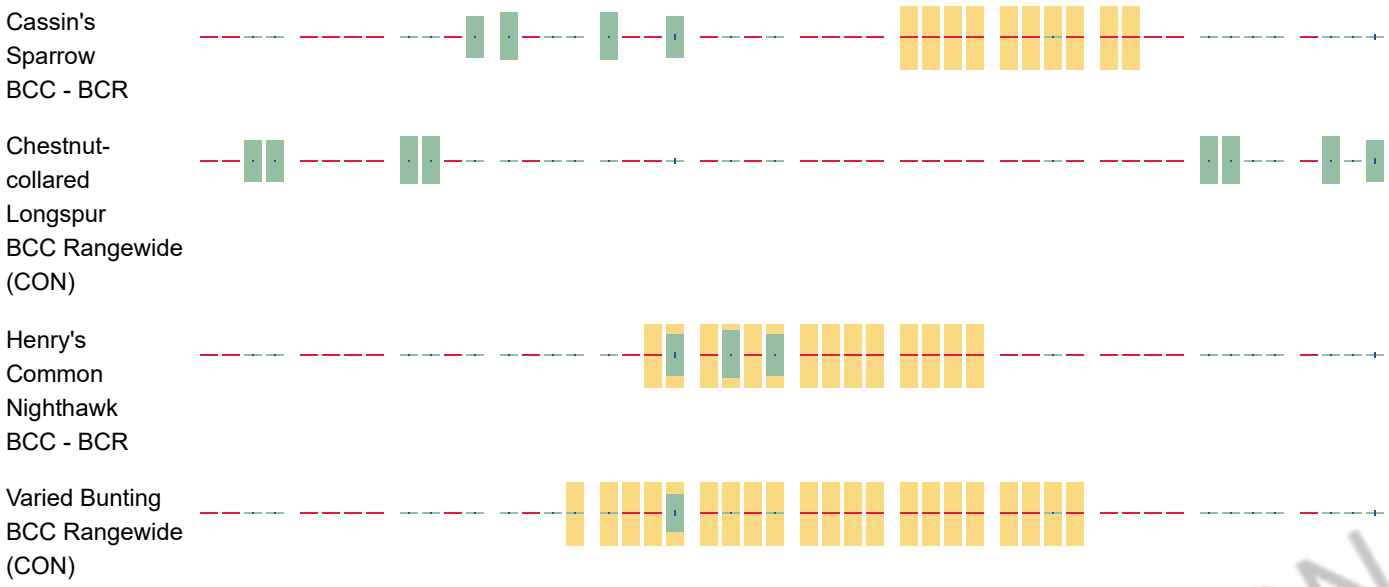
Survey Effort (|)
Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

To see a bar's survey effort range, simply hover your mouse cursor over the bar.

No Data (–)
A week is marked as having no data if there were no survey events for that week.

Survey Timeframe
Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.





Migratory Bird FAQs

Tell me more about avoidance and minimization measures I can implement to avoid or minimize impacts to migratory birds.

Nationwide Avoidance & Minimization Measures for Birds describes measures that can help avoid and minimize impacts to all birds at any location year-round. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is one of the most effective ways to minimize impacts. To see when birds are most likely to occur and breed in your project area, view the Probability of Presence Summary. Additional measures or permits may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

What does IPaC use to generate the list of migratory birds that potentially occur in my specified location?

The Migratory Bird Resource List is comprised of Birds of Conservation Concern (BCC) and other species that may warrant special attention in your project location, such as those listed under the Endangered Species Act or the Bald and Golden Eagle Protection Act and those species marked as “Vulnerable”. See the FAQ “What are the levels of concern for migratory birds?” for more information on the levels of concern covered in the IPaC migratory bird species list.

The migratory bird list generated for your project is derived from data provided by the Avian Knowledge Network (AKN). The AKN data is based on a growing collection of survey, banding, and citizen science datasets and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) with which your project intersects. These species have been identified as warranting special attention because they are BCC species in that area, an eagle (Bald and Golden Eagle Protection Act requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, and to verify survey effort when no results present, please visit the Rapid Avian Information Locator (RAIL) Tool.

Why are subspecies showing up on my list?

Subspecies profiles are included on the list of species present in your project area because observations in the AKN for **the species** are being detected. If the species are present, that means that the subspecies may also be present. If a subspecies shows up on your list, you may need to rely on other resources to determine if that subspecies may be present (e.g. your local FWS field office, state surveys, your own surveys).

What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?

The probability of presence graphs associated with your migratory bird list are based on data provided by the Avian Knowledge Network (AKN). This data is derived from a growing collection of survey, banding, and citizen science datasets.

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go to the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

How do I know if a bird is breeding, wintering, or migrating in my area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating, or resident), you may query your location using the RAIL Tool and view the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. If a bird on your IPaC migratory bird species list has a breeding season associated with it (indicated by yellow vertical bars on the phenology graph in your “IPaC PROBABILITY OF PRESENCE SUMMARY” at the top of your results list), there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

What are the levels of concern for migratory birds?

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangewide" birds are Birds of Conservation Concern (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the Bald and Golden Eagle Protection Act requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially BCC species. For more information on avoidance and minimization measures you can implement to help avoid and minimize migratory bird impacts, please see the FAQ “Tell me more about avoidance and minimization measures I can implement to avoid or minimize impacts to migratory birds”.

Details about birds that are potentially affected by offshore projects

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the Northeast Ocean Data Portal. The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project

review. Alternately, you may download the bird model results files underlying the portal maps through the NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf project webpage.

Proper interpretation and use of your migratory bird report

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please look carefully at the survey effort (indicated by the black vertical line) and for the existence of the "no data" indicator (a red horizontal line). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list does not represent all birds present in your project area. It is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list and associated information help you know what to look for to confirm presence and helps guide implementation of avoidance and minimization measures to eliminate or reduce potential impacts from your project activities, should presence be confirmed. To learn more about avoidance and minimization measures, visit the FAQ "Tell me about avoidance and minimization measures I can implement to avoid or minimize impacts to migratory birds".

Interpreting the Probability of Presence Graphs
Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. A taller bar indicates a higher probability of species presence. The survey effort can be used to establish a level of confidence in the presence score.

How is the probability of presence score calculated? The calculation is done in three steps:
The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.

To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is 0.25/0.25 = 1; at week 20 it is 0.05/0.25 = 0.2.

The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

Breeding Season ()
Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort ()
Vertical black lines superimposed on probability of presence bars indicate 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.

Survey Timeframe

Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.

Facilities

National Wildlife Refuge lands

Any activity proposed on lands managed by the National Wildlife Refuge system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

There are no refuge lands at this location.

Fish hatcheries

There are no fish hatcheries at this location.

Wetlands in the National Wetlands Inventory (NWI)

Impacts to NWI wetlands and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local U.S. Army Corps of Engineers District.

This location did not intersect any wetlands mapped by NWI.

NOTE: This initial screening does **not** replace an on-site delineation to determine whether wetlands occur. Additional information on the NWI data is provided below.

Data limitations

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

Data exclusions

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tuberficid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

Data precautions

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate Federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

APENDICES

Appendix B – Photographic Log

PHOTOGRAPHIC LOG

Mewbourne Oil Co
Apollo Runway Frac Line Release
NMOCD # nAPP2527734297

Photograph No. 1

Description: Photo taken at the time of the release nearest the release point.

Date: 9/28/2025

Photograph No. 2

Description: Photo taken facing North at the time of release. Showing impact down the entry and exit roadway.

Date: 9/28/2025

Photograph No. 3

Description: Photo facing North East at the time of release showing flow path into the native pasture.

Date: 9/28/2025

Prepared by:

PHOTOGRAPHIC LOG

Mewbourne Oil Co
Apollo Runway Frac Line Release
NMOCD # nAPP2527734297

Photograph No. 4

Description: Photo taken during delineation sampling looking back toward the release point to the southwest along the flow path.

Date: 10/8/2025

Photograph No. 5

Description: Facing north east from along the flow path facing the pooling area.

Date: 10/8/2025

Photograph No. 6

Description: Facing South West from the pooling area toward the release point.

Date: 10/8/2025

Prepared by:

APENDICES

Appendix C – Laboratory Provided Soil Analysis Report

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

PBELAB

Analytical Report

Prepared for:

Jamey Fowler

Tellus Consulting, LLC

4000 North Big Spring Street Suite 109

Midland, TX 79705

Project: Apollo Runway Frac Line

Project Number: CDEV:2325

Location: Eddy County, NM

Lab Order Number: 5J09011

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 10/14/25

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
4000 North Big Spring Street Suite 109	Project Number: CDEV:2325
Midland TX, 79705	Project Manager: Jamey Fowler

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
H-1 @ Surface	5J09011-01	Soil	10/08/25 10:38	10-09-2025 13:59
H-2 @ Surface	5J09011-02	Soil	10/08/25 10:41	10-09-2025 13:59
H-3 @ Surface	5J09011-03	Soil	10/08/25 10:44	10-09-2025 13:59
H-4 @ Surface	5J09011-04	Soil	10/08/25 10:47	10-09-2025 13:59
H-5 @ Surface	5J09011-05	Soil	10/08/25 10:50	10-09-2025 13:59
H-6 @ Surface	5J09011-06	Soil	10/08/25 10:53	10-09-2025 13:59
H-7 @ Surface	5J09011-07	Soil	10/08/25 10:57	10-09-2025 13:59
H-8 @ Surface	5J09011-08	Soil	10/08/25 11:00	10-09-2025 13:59
H-9 @ Surface	5J09011-09	Soil	10/08/25 11:03	10-09-2025 13:59
H-10 @ Surface	5J09011-10	Soil	10/08/25 11:07	10-09-2025 13:59
H-11 @ Surface	5J09011-11	Soil	10/08/25 11:10	10-09-2025 13:59
H-12 @ Surface	5J09011-12	Soil	10/08/25 11:13	10-09-2025 13:59
H-13 @ Surface	5J09011-13	Soil	10/08/25 11:18	10-09-2025 13:59
V-1 @ Surface	5J09011-14	Soil	10/08/25 08:32	10-09-2025 13:59
V-2 @ Surface	5J09011-15	Soil	10/08/25 08:39	10-09-2025 13:59
V-3 @ Surface	5J09011-16	Soil	10/08/25 08:48	10-09-2025 13:59
V-4 @ Surface	5J09011-17	Soil	10/08/25 08:56	10-09-2025 13:59
V-5 @ Surface	5J09011-18	Soil	10/08/25 09:06	10-09-2025 13:59
V-6 @ Surface	5J09011-19	Soil	10/08/25 09:13	10-09-2025 13:59
V-7 @ Surface	5J09011-20	Soil	10/08/25 09:22	10-09-2025 13:59
V-8 @ Surface	5J09011-21	Soil	10/08/25 09:28	10-09-2025 13:59
V-9 @ Surface	5J09011-22	Soil	10/08/25 09:37	10-09-2025 13:59
V-10 @ Surface	5J09011-23	Soil	10/08/25 09:43	10-09-2025 13:59
V-11 @ Surface	5J09011-24	Soil	10/08/25 09:51	10-09-2025 13:59
V-12 @ Surface	5J09011-25	Soil	10/08/25 10:01	10-09-2025 13:59
V-13 @ Surface	5J09011-26	Soil	10/08/25 10:10	10-09-2025 13:59
V-14 @ Surface	5J09011-27	Soil	10/08/25 10:19	10-09-2025 13:59
V-15 @ Surface	5J09011-28	Soil	10/08/25 10:26	10-09-2025 13:59
V-1 @ 1'	5J09011-29	Soil	10/08/25 08:35	10-09-2025 13:59
V-2 @ 2'	5J09011-30	Soil	10/08/25 08:43	10-09-2025 13:59
V-3 @ 1'	5J09011-31	Soil	10/08/25 08:51	10-09-2025 13:59
V-4 @ 2'	5J09011-32	Soil	10/08/25 08:59	10-09-2025 13:59
V-5 @ 2'	5J09011-33	Soil	10/08/25 09:10	10-09-2025 13:59
V-6 @ 2'	5J09011-34	Soil	10/08/25 09:17	10-09-2025 13:59

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
4000 North Big Spring Street Suite 109	Project Number: CDEV:2325
Midland TX, 79705	Project Manager: Jamey Fowler

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
V-7 @ 2'	5J09011-35	Soil	10/08/25 09:26	10-09-2025 13:59
V-8 @ 2'	5J09011-36	Soil	10/08/25 09:33	10-09-2025 13:59
V-9 @ 1'	5J09011-37	Soil	10/08/25 09:40	10-09-2025 13:59
V-10 @ 1'	5J09011-38	Soil	10/08/25 09:47	10-09-2025 13:59
V-11 @ 2'	5J09011-39	Soil	10/08/25 09:55	10-09-2025 13:59
V-12 @ 2'	5J09011-40	Soil	10/08/25 10:06	10-09-2025 13:59
V-13 @ 2'	5J09011-41	Soil	10/08/25 10:15	10-09-2025 13:59
V-14 @ 1'10"	5J09011-42	Soil	10/08/25 10:22	10-09-2025 13:59
V-15 @ 1'6"	5J09011-43	Soil	10/08/25 10:30	10-09-2025 13:59

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
4000 North Big Spring Street Suite 109	Project Number: CDEV:2325
Midland TX, 79705	Project Manager: Jamey Fowler

H-1 @ Surface

5J09011-01 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 00:59	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 00:59	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 00:59	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 00:59	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 00:59	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*87.6 %*	*80-120*		*P5J1003*	*10/10/25 09:24*	*10/11/25 00:59*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*106 %*	*80-120*		*P5J1003*	*10/10/25 09:24*	*10/11/25 00:59*	*EPA 8021B*	
Organics by GC									
Gasoline Range Organics	ND	25.3	mg/kg dry	1	P5J0910	10/09/25 15:54	10/10/25 05:17	EPA 8015M	
Diesel Range Organics	**138**	25.3	mg/kg dry	1	P5J0910	10/09/25 15:54	10/10/25 05:17	EPA 8015M	
Mineral Oil Range Organics	**66.6**	25.3	mg/kg dry	1	P5J0910	10/09/25 15:54	10/10/25 05:17	EPA 8015M	
Surrogate: 1-Chlorooctane		*77.6 %*	*70-130*		*P5J0910*	*10/09/25 15:54*	*10/10/25 05:17*	*EPA 8015M*	
Surrogate: o-Terphenyl		*86.7 %*	*70-130*		*P5J0910*	*10/09/25 15:54*	*10/10/25 05:17*	*EPA 8015M*	
Total Hydrocarbons	**205**	25.3	mg/kg dry	1	[CALC]	10/09/25 15:54	10/10/25 05:17	[CALC]	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**26.5**	1.01	mg/kg dry	1	P5J1007	10/10/25 10:43	10/10/25 19:34	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P5J1008	10/10/25 11:20	10/10/25 11:22	ASTM D2216	MOD1

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
4000 North Big Spring Street Suite 109	Project Number: CDEV:2325
Midland TX, 79705	Project Manager: Jamey Fowler

H-2 @ Surface

5J09011-02 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 01:22	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 01:22	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 01:22	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 01:22	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 01:22	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*106 %*	*80-120*		*P5J1003*	*10/10/25 09:24*	*10/11/25 01:22*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*83.9 %*	*80-120*		*P5J1003*	*10/10/25 09:24*	*10/11/25 01:22*	*EPA 8021B*	
Organics by GC									
Gasoline Range Organics	ND	25.5	mg/kg dry	1	P5J0910	10/09/25 15:54	10/10/25 05:42	EPA 8015M	
Diesel Range Organics	ND	25.5	mg/kg dry	1	P5J0910	10/09/25 15:54	10/10/25 05:42	EPA 8015M	
Mineral Oil Range Organics	ND	25.5	mg/kg dry	1	P5J0910	10/09/25 15:54	10/10/25 05:42	EPA 8015M	
Surrogate: 1-Chlorooctane		*78.4 %*	*70-130*		*P5J0910*	*10/09/25 15:54*	*10/10/25 05:42*	*EPA 8015M*	
Surrogate: o-Terphenyl		*93.3 %*	*70-130*		*P5J0910*	*10/09/25 15:54*	*10/10/25 05:42*	*EPA 8015M*	
Total Hydrocarbons	ND	25.5	mg/kg dry	1	[CALC]	10/09/25 15:54	10/10/25 05:42	[CALC]	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**29.8**	1.02	mg/kg dry	1	P5J1007	10/10/25 10:43	10/10/25 19:48	EPA 300.0	
% Moisture	**2.0**	0.1	%	1	P5J1008	10/10/25 11:20	10/10/25 11:22	ASTM D2216	MOD1

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
4000 North Big Spring Street Suite 109	Project Number: CDEV:2325
Midland TX, 79705	Project Manager: Jamey Fowler

H-3 @ Surface

5J09011-03 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 01:45	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 01:45	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 01:45	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 01:45	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 01:45	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*81.1 %*	*80-120*		*P5J1003*	*10/10/25 09:24*	*10/11/25 01:45*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*105 %*	*80-120*		*P5J1003*	*10/10/25 09:24*	*10/11/25 01:45*	*EPA 8021B*	
Organics by GC									
Gasoline Range Organics	ND	25.3	mg/kg dry	1	P5J0910	10/09/25 15:54	10/10/25 06:06	EPA 8015M	
Diesel Range Organics	ND	25.3	mg/kg dry	1	P5J0910	10/09/25 15:54	10/10/25 06:06	EPA 8015M	
Mineral Oil Range Organics	ND	25.3	mg/kg dry	1	P5J0910	10/09/25 15:54	10/10/25 06:06	EPA 8015M	
Surrogate: 1-Chlorooctane		*75.7 %*	*70-130*		*P5J0910*	*10/09/25 15:54*	*10/10/25 06:06*	*EPA 8015M*	
Surrogate: o-Terphenyl		*90.6 %*	*70-130*		*P5J0910*	*10/09/25 15:54*	*10/10/25 06:06*	*EPA 8015M*	
Total Hydrocarbons	ND	25.3	mg/kg dry	1	[CALC]	10/09/25 15:54	10/10/25 06:06	[CALC]	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**13.9**	1.01	mg/kg dry	1	P5J1007	10/10/25 10:43	10/10/25 20:02	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P5J1008	10/10/25 11:20	10/10/25 11:22	ASTM D2216	MOD1

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
4000 North Big Spring Street Suite 109	Project Number: CDEV:2325
Midland TX, 79705	Project Manager: Jamey Fowler

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5J09011-04 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 02:08	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 02:08	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 02:08	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 02:08	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 02:08	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*82.6 %*	*80-120*		*P5J1003*	*10/10/25 09:24*	*10/11/25 02:08*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*106 %*	*80-120*		*P5J1003*	*10/10/25 09:24*	*10/11/25 02:08*	*EPA 8021B*	
Organics by GC									
Gasoline Range Organics	ND	25.3	mg/kg dry	1	P5J0910	10/09/25 15:54	10/10/25 06:30	EPA 8015M	
Diesel Range Organics	ND	25.3	mg/kg dry	1	P5J0910	10/09/25 15:54	10/10/25 06:30	EPA 8015M	
Mineral Oil Range Organics	ND	25.3	mg/kg dry	1	P5J0910	10/09/25 15:54	10/10/25 06:30	EPA 8015M	
Surrogate: 1-Chlorooctane		*78.6 %*	*70-130*		*P5J0910*	*10/09/25 15:54*	*10/10/25 06:30*	*EPA 8015M*	
Surrogate: o-Terphenyl		*95.1 %*	*70-130*		*P5J0910*	*10/09/25 15:54*	*10/10/25 06:30*	*EPA 8015M*	
Total Hydrocarbons	ND	25.3	mg/kg dry	1	[CALC]	10/09/25 15:54	10/10/25 06:30	[CALC]	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**8.83**	1.01	mg/kg dry	1	P5J1007	10/10/25 10:43	10/10/25 20:17	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P5J1008	10/10/25 11:20	10/10/25 11:22	ASTM D2216	MOD1

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
4000 North Big Spring Street Suite 109	Project Number: CDEV:2325
Midland TX, 79705	Project Manager: Jamey Fowler

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5J09011-05 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 02:31	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 02:31	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 02:31	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 02:31	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 02:31	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*82.3 %*	*80-120*		*P5J1003*	*10/10/25 09:24*	*10/11/25 02:31*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*105 %*	*80-120*		*P5J1003*	*10/10/25 09:24*	*10/11/25 02:31*	*EPA 8021B*	
Organics by GC									
Gasoline Range Organics	ND	25.3	mg/kg dry	1	P5J0910	10/09/25 15:54	10/10/25 06:55	EPA 8015M	
Diesel Range Organics	ND	25.3	mg/kg dry	1	P5J0910	10/09/25 15:54	10/10/25 06:55	EPA 8015M	
Mineral Oil Range Organics	ND	25.3	mg/kg dry	1	P5J0910	10/09/25 15:54	10/10/25 06:55	EPA 8015M	
Surrogate: 1-Chlorooctane		*77.6 %*	*70-130*		*P5J0910*	*10/09/25 15:54*	*10/10/25 06:55*	*EPA 8015M*	
Surrogate: o-Terphenyl		*93.2 %*	*70-130*		*P5J0910*	*10/09/25 15:54*	*10/10/25 06:55*	*EPA 8015M*	
Total Hydrocarbons	ND	25.3	mg/kg dry	1	[CALC]	10/09/25 15:54	10/10/25 06:55	[CALC]	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**9.89**	1.01	mg/kg dry	1	P5J1007	10/10/25 10:43	10/10/25 20:31	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P5J1008	10/10/25 11:20	10/10/25 11:22	ASTM D2216	MOD1

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
4000 North Big Spring Street Suite 109	Project Number: CDEV:2325
Midland TX, 79705	Project Manager: Jamey Fowler

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5J09011-06 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 02:54	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 02:54	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 02:54	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 02:54	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 02:54	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*105 %*	*80-120*		*P5J1003*	*10/10/25 09:24*	*10/11/25 02:54*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*83.1 %*	*80-120*		*P5J1003*	*10/10/25 09:24*	*10/11/25 02:54*	*EPA 8021B*	
Organics by GC									
Gasoline Range Organics	ND	25.3	mg/kg dry	1	P5J0910	10/09/25 15:54	10/10/25 07:19	EPA 8015M	
Diesel Range Organics	ND	25.3	mg/kg dry	1	P5J0910	10/09/25 15:54	10/10/25 07:19	EPA 8015M	
Mineral Oil Range Organics	ND	25.3	mg/kg dry	1	P5J0910	10/09/25 15:54	10/10/25 07:19	EPA 8015M	
Surrogate: 1-Chlorooctane		*77.7 %*	*70-130*		*P5J0910*	*10/09/25 15:54*	*10/10/25 07:19*	*EPA 8015M*	
Surrogate: o-Terphenyl		*93.3 %*	*70-130*		*P5J0910*	*10/09/25 15:54*	*10/10/25 07:19*	*EPA 8015M*	
Total Hydrocarbons	ND	25.3	mg/kg dry	1	[CALC]	10/09/25 15:54	10/10/25 07:19	[CALC]	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**1.02**	1.01	mg/kg dry	1	P5J1007	10/10/25 10:43	10/10/25 20:45	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P5J1008	10/10/25 11:20	10/10/25 11:22	ASTM D2216	MOD1

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
4000 North Big Spring Street Suite 109	Project Number: CDEV:2325
Midland TX, 79705	Project Manager: Jamey Fowler

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5J09011-07 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 03:18	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 03:18	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 03:18	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 03:18	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 03:18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*80.7 %*	*80-120*		*P5J1003*	*10/10/25 09:24*	*10/11/25 03:18*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*105 %*	*80-120*		*P5J1003*	*10/10/25 09:24*	*10/11/25 03:18*	*EPA 8021B*	
Organics by GC									
Gasoline Range Organics	ND	25.3	mg/kg dry	1	P5J0910	10/09/25 15:54	10/10/25 07:43	EPA 8015M	
Diesel Range Organics	ND	25.3	mg/kg dry	1	P5J0910	10/09/25 15:54	10/10/25 07:43	EPA 8015M	
Mineral Oil Range Organics	ND	25.3	mg/kg dry	1	P5J0910	10/09/25 15:54	10/10/25 07:43	EPA 8015M	
Surrogate: 1-Chlorooctane		*79.5 %*	*70-130*		*P5J0910*	*10/09/25 15:54*	*10/10/25 07:43*	*EPA 8015M*	
Surrogate: o-Terphenyl		*92.9 %*	*70-130*		*P5J0910*	*10/09/25 15:54*	*10/10/25 07:43*	*EPA 8015M*	
Total Hydrocarbons	ND	25.3	mg/kg dry	1	[CALC]	10/09/25 15:54	10/10/25 07:43	[CALC]	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**2.47**	1.01	mg/kg dry	1	P5J1007	10/10/25 10:43	10/10/25 20:59	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P5J1008	10/10/25 11:20	10/10/25 11:22	ASTM D2216	MOD1

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
4000 North Big Spring Street Suite 109	Project Number: CDEV:2325
Midland TX, 79705	Project Manager: Jamey Fowler

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5J09011-08 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 03:41	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 03:41	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 03:41	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 03:41	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 03:41	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*82.8 %*	*80-120*		*P5J1003*	*10/10/25 09:24*	*10/11/25 03:41*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*105 %*	*80-120*		*P5J1003*	*10/10/25 09:24*	*10/11/25 03:41*	*EPA 8021B*	
Organics by GC									
Gasoline Range Organics	ND	25.3	mg/kg dry	1	P5J0910	10/09/25 15:54	10/10/25 08:55	EPA 8015M	
Diesel Range Organics	ND	25.3	mg/kg dry	1	P5J0910	10/09/25 15:54	10/10/25 08:55	EPA 8015M	
Mineral Oil Range Organics	ND	25.3	mg/kg dry	1	P5J0910	10/09/25 15:54	10/10/25 08:55	EPA 8015M	
Surrogate: 1-Chlorooctane		*77.7 %*	*70-130*		*P5J0910*	*10/09/25 15:54*	*10/10/25 08:55*	*EPA 8015M*	
Surrogate: o-Terphenyl		*95.2 %*	*70-130*		*P5J0910*	*10/09/25 15:54*	*10/10/25 08:55*	*EPA 8015M*	
Total Hydrocarbons	ND	25.3	mg/kg dry	1	[CALC]	10/09/25 15:54	10/10/25 08:55	[CALC]	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**7.99**	1.01	mg/kg dry	1	P5J1007	10/10/25 10:43	10/10/25 21:14	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P5J1008	10/10/25 11:20	10/10/25 11:22	ASTM D2216	MOD1

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
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Midland TX, 79705	Project Manager: Jamey Fowler

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5J09011-09 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 04:51	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 04:51	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 04:51	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 04:51	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 04:51	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*105 %*	*80-120*		*P5J1003*	*10/10/25 09:24*	*10/11/25 04:51*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*82.1 %*	*80-120*		*P5J1003*	*10/10/25 09:24*	*10/11/25 04:51*	*EPA 8021B*	
Organics by GC									
Gasoline Range Organics	ND	25.3	mg/kg dry	1	P5J0910	10/09/25 15:54	10/10/25 09:19	EPA 8015M	
Diesel Range Organics	ND	25.3	mg/kg dry	1	P5J0910	10/09/25 15:54	10/10/25 09:19	EPA 8015M	
Mineral Oil Range Organics	ND	25.3	mg/kg dry	1	P5J0910	10/09/25 15:54	10/10/25 09:19	EPA 8015M	
Surrogate: 1-Chlorooctane		*72.5 %*	*70-130*		*P5J0910*	*10/09/25 15:54*	*10/10/25 09:19*	*EPA 8015M*	
Surrogate: o-Terphenyl		*81.2 %*	*70-130*		*P5J0910*	*10/09/25 15:54*	*10/10/25 09:19*	*EPA 8015M*	
Total Hydrocarbons	ND	25.3	mg/kg dry	1	[CALC]	10/09/25 15:54	10/10/25 09:19	[CALC]	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**16.9**	1.01	mg/kg dry	1	P5J1007	10/10/25 10:43	10/10/25 21:28	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P5J1008	10/10/25 11:20	10/10/25 11:22	ASTM D2216	MOD1

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
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Midland TX, 79705	Project Manager: Jamey Fowler

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5J09011-10 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 05:14	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 05:14	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 05:14	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 05:14	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 05:14	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*105 %*	*80-120*		*P5J1003*	*10/10/25 09:24*	*10/11/25 05:14*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*82.2 %*	*80-120*		*P5J1003*	*10/10/25 09:24*	*10/11/25 05:14*	*EPA 8021B*	
Organics by GC									
Gasoline Range Organics	ND	25.5	mg/kg dry	1	P5J0910	10/09/25 15:54	10/10/25 10:07	EPA 8015M	
Diesel Range Organics	ND	25.5	mg/kg dry	1	P5J0910	10/09/25 15:54	10/10/25 10:07	EPA 8015M	
Mineral Oil Range Organics	ND	25.5	mg/kg dry	1	P5J0910	10/09/25 15:54	10/10/25 10:07	EPA 8015M	
Surrogate: 1-Chlorooctane		*82.2 %*	*70-130*		*P5J0910*	*10/09/25 15:54*	*10/10/25 10:07*	*EPA 8015M*	
Surrogate: o-Terphenyl		*98.7 %*	*70-130*		*P5J0910*	*10/09/25 15:54*	*10/10/25 10:07*	*EPA 8015M*	
Total Hydrocarbons	ND	25.5	mg/kg dry	1	[CALC]	10/09/25 15:54	10/10/25 10:07	[CALC]	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**10.0**	1.02	mg/kg dry	1	P5J1007	10/10/25 10:43	10/10/25 22:11	EPA 300.0	
% Moisture	**2.0**	0.1	%	1	P5J1008	10/10/25 11:20	10/10/25 11:22	ASTM D2216	MOD1

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
4000 North Big Spring Street Suite 109	Project Number: CDEV:2325
Midland TX, 79705	Project Manager: Jamey Fowler

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5J09011-11 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 05:37	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 05:37	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 05:37	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 05:37	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 05:37	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*106 %*	*80-120*		*P5J1003*	*10/10/25 09:24*	*10/11/25 05:37*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*82.0 %*	*80-120*		*P5J1003*	*10/10/25 09:24*	*10/11/25 05:37*	*EPA 8021B*	
Organics by GC									
Gasoline Range Organics	ND	25.3	mg/kg dry	1	P5J0910	10/09/25 15:54	10/10/25 10:31	EPA 8015M	
Diesel Range Organics	ND	25.3	mg/kg dry	1	P5J0910	10/09/25 15:54	10/10/25 10:31	EPA 8015M	
Mineral Oil Range Organics	ND	25.3	mg/kg dry	1	P5J0910	10/09/25 15:54	10/10/25 10:31	EPA 8015M	
Surrogate: 1-Chlorooctane		*76.6 %*	*70-130*		*P5J0910*	*10/09/25 15:54*	*10/10/25 10:31*	*EPA 8015M*	
Surrogate: o-Terphenyl		*90.4 %*	*70-130*		*P5J0910*	*10/09/25 15:54*	*10/10/25 10:31*	*EPA 8015M*	
Total Hydrocarbons	ND	25.3	mg/kg dry	1	[CALC]	10/09/25 15:54	10/10/25 10:31	[CALC]	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**1.81**	1.01	mg/kg dry	1	P5J1007	10/10/25 10:43	10/10/25 22:54	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P5J1008	10/10/25 11:20	10/10/25 11:22	ASTM D2216	MOD1

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
4000 North Big Spring Street Suite 109	Project Number: CDEV:2325
Midland TX, 79705	Project Manager: Jamey Fowler

H-12 @ Surface

5J09011-12 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 06:01	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 06:01	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 06:01	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 06:01	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 06:01	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*81.5 %*	*80-120*		*P5J1003*	*10/10/25 09:24*	*10/11/25 06:01*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*106 %*	*80-120*		*P5J1003*	*10/10/25 09:24*	*10/11/25 06:01*	*EPA 8021B*	
Organics by GC									
Gasoline Range Organics	ND	25.3	mg/kg dry	1	P5J0910	10/09/25 15:54	10/10/25 10:55	EPA 8015M	
Diesel Range Organics	ND	25.3	mg/kg dry	1	P5J0910	10/09/25 15:54	10/10/25 10:55	EPA 8015M	
Mineral Oil Range Organics	ND	25.3	mg/kg dry	1	P5J0910	10/09/25 15:54	10/10/25 10:55	EPA 8015M	
Surrogate: 1-Chlorooctane		*76.3 %*	*70-130*		*P5J0910*	*10/09/25 15:54*	*10/10/25 10:55*	*EPA 8015M*	
Surrogate: o-Terphenyl		*90.3 %*	*70-130*		*P5J0910*	*10/09/25 15:54*	*10/10/25 10:55*	*EPA 8015M*	
Total Hydrocarbons	ND	25.3	mg/kg dry	1	[CALC]	10/09/25 15:54	10/10/25 10:55	[CALC]	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**12.9**	1.01	mg/kg dry	1	P5J1007	10/10/25 10:43	10/10/25 23:08	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P5J1008	10/10/25 11:20	10/10/25 11:22	ASTM D2216	MOD1

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
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Midland TX, 79705	Project Manager: Jamey Fowler

H-13 @ Surface

5J09011-13 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 06:24	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 06:24	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 06:24	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 06:24	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 06:24	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*105 %*	*80-120*		*P5J1003*	*10/10/25 09:24*	*10/11/25 06:24*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*80.6 %*	*80-120*		*P5J1003*	*10/10/25 09:24*	*10/11/25 06:24*	*EPA 8021B*	
Organics by GC									
Gasoline Range Organics	ND	25.0	mg/kg dry	1	P5J0910	10/09/25 15:54	10/10/25 11:18	EPA 8015M	
Diesel Range Organics	ND	25.0	mg/kg dry	1	P5J0910	10/09/25 15:54	10/10/25 11:18	EPA 8015M	
Mineral Oil Range Organics	ND	25.0	mg/kg dry	1	P5J0910	10/09/25 15:54	10/10/25 11:18	EPA 8015M	
Surrogate: 1-Chlorooctane		*77.2 %*	*70-130*		*P5J0910*	*10/09/25 15:54*	*10/10/25 11:18*	*EPA 8015M*	
Surrogate: o-Terphenyl		*93.6 %*	*70-130*		*P5J0910*	*10/09/25 15:54*	*10/10/25 11:18*	*EPA 8015M*	
Total Hydrocarbons	ND	25.0	mg/kg dry	1	[CALC]	10/09/25 15:54	10/10/25 11:18	[CALC]	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	ND	1.00	mg/kg dry	1	P5J1007	10/10/25 10:43	10/10/25 23:22	EPA 300.0	
% Moisture	ND	0.1	%	1	P5J1008	10/10/25 11:20	10/10/25 11:22	ASTM D2216	MOD1

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
4000 North Big Spring Street Suite 109	Project Number: CDEV:2325
Midland TX, 79705	Project Manager: Jamey Fowler

V-1 @ Surface

5J09011-14 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00108	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 06:47	EPA 8021B	
Toluene	ND	0.00108	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 06:47	EPA 8021B	
Ethylbenzene	ND	0.00108	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 06:47	EPA 8021B	
Xylene (p/m)	ND	0.00215	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 06:47	EPA 8021B	
Xylene (o)	ND	0.00108	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 06:47	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*107 %*	*80-120*		*P5J1003*	*10/10/25 09:24*	*10/11/25 06:47*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*83.7 %*	*80-120*		*P5J1003*	*10/10/25 09:24*	*10/11/25 06:47*	*EPA 8021B*	
Organics by GC									
Gasoline Range Organics	ND	26.9	mg/kg dry	1	P5J0910	10/09/25 15:54	10/10/25 11:42	EPA 8015M	
Diesel Range Organics	ND	26.9	mg/kg dry	1	P5J0910	10/09/25 15:54	10/10/25 11:42	EPA 8015M	
Mineral Oil Range Organics	ND	26.9	mg/kg dry	1	P5J0910	10/09/25 15:54	10/10/25 11:42	EPA 8015M	
Surrogate: 1-Chlorooctane		*77.7 %*	*70-130*		*P5J0910*	*10/09/25 15:54*	*10/10/25 11:42*	*EPA 8015M*	
Surrogate: o-Terphenyl		*94.4 %*	*70-130*		*P5J0910*	*10/09/25 15:54*	*10/10/25 11:42*	*EPA 8015M*	
Total Hydrocarbons	ND	26.9	mg/kg dry	1	[CALC]	10/09/25 15:54	10/10/25 11:42	[CALC]	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**22300**	53.8	mg/kg dry	50	P5J1007	10/10/25 10:43	10/10/25 23:37	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	P5J1008	10/10/25 11:20	10/10/25 11:22	ASTM D2216	MOD1

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
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Midland TX, 79705	Project Manager: Jamey Fowler

V-2 @ Surface

5J09011-15 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00105	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 07:10	EPA 8021B	
Toluene	ND	0.00105	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 07:10	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 07:10	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 07:10	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 07:10	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*107 %*	*80-120*		*P5J1003*	*10/10/25 09:24*	*10/11/25 07:10*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*80.4 %*	*80-120*		*P5J1003*	*10/10/25 09:24*	*10/11/25 07:10*	*EPA 8021B*	
Organics by GC									
Gasoline Range Organics	ND	26.3	mg/kg dry	1	P5J0910	10/09/25 15:54	10/10/25 12:06	EPA 8015M	
Diesel Range Organics	ND	26.3	mg/kg dry	1	P5J0910	10/09/25 15:54	10/10/25 12:06	EPA 8015M	
Mineral Oil Range Organics	ND	26.3	mg/kg dry	1	P5J0910	10/09/25 15:54	10/10/25 12:06	EPA 8015M	
Surrogate: 1-Chlorooctane		*75.4 %*	*70-130*		*P5J0910*	*10/09/25 15:54*	*10/10/25 12:06*	*EPA 8015M*	
Surrogate: o-Terphenyl		*93.0 %*	*70-130*		*P5J0910*	*10/09/25 15:54*	*10/10/25 12:06*	*EPA 8015M*	
Total Hydrocarbons	ND	26.3	mg/kg dry	1	[CALC]	10/09/25 15:54	10/10/25 12:06	[CALC]	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**10400**	26.3	mg/kg dry	25	P5J1007	10/10/25 10:43	10/10/25 23:51	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P5J1008	10/10/25 11:20	10/10/25 11:22	ASTM D2216	MOD1

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
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Midland TX, 79705	Project Manager: Jamey Fowler

V-3 @ Surface

5J09011-16 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00106	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 07:33	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 07:33	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 07:33	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 07:33	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 07:33	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*107 %*	*80-120*		*P5J1003*	*10/10/25 09:24*	*10/11/25 07:33*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*80.4 %*	*80-120*		*P5J1003*	*10/10/25 09:24*	*10/11/25 07:33*	*EPA 8021B*	
Organics by GC									
Gasoline Range Organics	ND	26.6	mg/kg dry	1	P5J0910	10/09/25 15:54	10/10/25 12:30	EPA 8015M	
Diesel Range Organics	ND	26.6	mg/kg dry	1	P5J0910	10/09/25 15:54	10/10/25 12:30	EPA 8015M	
Mineral Oil Range Organics	ND	26.6	mg/kg dry	1	P5J0910	10/09/25 15:54	10/10/25 12:30	EPA 8015M	
Surrogate: 1-Chlorooctane		*77.7 %*	*70-130*		*P5J0910*	*10/09/25 15:54*	*10/10/25 12:30*	*EPA 8015M*	
Surrogate: o-Terphenyl		*96.5 %*	*70-130*		*P5J0910*	*10/09/25 15:54*	*10/10/25 12:30*	*EPA 8015M*	
Total Hydrocarbons	ND	26.6	mg/kg dry	1	[CALC]	10/09/25 15:54	10/10/25 12:30	[CALC]	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**18500**	53.2	mg/kg dry	50	P5J1007	10/10/25 10:43	10/11/25 00:05	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P5J1008	10/10/25 11:20	10/10/25 11:22	ASTM D2216	MOD1

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
4000 North Big Spring Street Suite 109	Project Number: CDEV:2325
Midland TX, 79705	Project Manager: Jamey Fowler

V-4 @ Surface

5J09011-17 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00105	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 07:57	EPA 8021B	
Toluene	ND	0.00105	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 07:57	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 07:57	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 07:57	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 07:57	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*82.6 %*	*80-120*		*P5J1003*	*10/10/25 09:24*	*10/11/25 07:57*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*107 %*	*80-120*		*P5J1003*	*10/10/25 09:24*	*10/11/25 07:57*	*EPA 8021B*	
Organics by GC									
Gasoline Range Organics	ND	26.3	mg/kg dry	1	P5J0910	10/09/25 15:54	10/10/25 12:54	EPA 8015M	
Diesel Range Organics	ND	26.3	mg/kg dry	1	P5J0910	10/09/25 15:54	10/10/25 12:54	EPA 8015M	
Mineral Oil Range Organics	ND	26.3	mg/kg dry	1	P5J0910	10/09/25 15:54	10/10/25 12:54	EPA 8015M	
Surrogate: 1-Chlorooctane		*80.9 %*	*70-130*		*P5J0910*	*10/09/25 15:54*	*10/10/25 12:54*	*EPA 8015M*	
Surrogate: o-Terphenyl		*102 %*	*70-130*		*P5J0910*	*10/09/25 15:54*	*10/10/25 12:54*	*EPA 8015M*	
Total Hydrocarbons	ND	26.3	mg/kg dry	1	[CALC]	10/09/25 15:54	10/10/25 12:54	[CALC]	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**10600**	52.6	mg/kg dry	50	P5J1007	10/10/25 10:43	10/11/25 00:19	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P5J1008	10/10/25 11:20	10/10/25 11:22	ASTM D2216	MOD1

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
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V-5 @ Surface

5J09011-18 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00108	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 08:20	EPA 8021B	
Toluene	ND	0.00108	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 08:20	EPA 8021B	
Ethylbenzene	ND	0.00108	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 08:20	EPA 8021B	
Xylene (p/m)	ND	0.00215	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 08:20	EPA 8021B	
Xylene (o)	ND	0.00108	mg/kg dry	1	P5J1003	10/10/25 09:24	10/11/25 08:20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*82.5 %*	*80-120*		*P5J1003*	*10/10/25 09:24*	*10/11/25 08:20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*107 %*	*80-120*		*P5J1003*	*10/10/25 09:24*	*10/11/25 08:20*	*EPA 8021B*	
Organics by GC									
Gasoline Range Organics	ND	26.9	mg/kg dry	1	P5J1009	10/10/25 13:21	10/10/25 14:11	EPA 8015M	
Diesel Range Organics	ND	26.9	mg/kg dry	1	P5J1009	10/10/25 13:21	10/10/25 14:11	EPA 8015M	
Mineral Oil Range Organics	ND	26.9	mg/kg dry	1	P5J1009	10/10/25 13:21	10/10/25 14:11	EPA 8015M	
Surrogate: 1-Chlorooctane		*96.8 %*	*70-130*		*P5J1009*	*10/10/25 13:21*	*10/10/25 14:11*	*EPA 8015M*	
Surrogate: o-Terphenyl		*114 %*	*70-130*		*P5J1009*	*10/10/25 13:21*	*10/10/25 14:11*	*EPA 8015M*	
Total Hydrocarbons	ND	26.9	mg/kg dry	1	[CALC]	10/10/25 13:21	10/10/25 14:11	[CALC]	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**20800**	53.8	mg/kg dry	50	P5J1007	10/10/25 10:43	10/11/25 00:34	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	P5J1008	10/10/25 11:20	10/10/25 11:22	ASTM D2216	MOD1

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
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Midland TX, 79705	Project Manager: Jamey Fowler

V-6 @ Surface

5J09011-19 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00106	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 11:26	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 11:26	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 11:26	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 11:26	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 11:26	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*81.7 %*	*80-120*		*P5J1004*	*10/10/25 09:30*	*10/11/25 11:26*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*108 %*	*80-120*		*P5J1004*	*10/10/25 09:30*	*10/11/25 11:26*	*EPA 8021B*	
Organics by GC									
Gasoline Range Organics	ND	26.6	mg/kg dry	1	P5J1009	10/10/25 13:21	10/10/25 14:33	EPA 8015M	
Diesel Range Organics	ND	26.6	mg/kg dry	1	P5J1009	10/10/25 13:21	10/10/25 14:33	EPA 8015M	
Mineral Oil Range Organics	ND	26.6	mg/kg dry	1	P5J1009	10/10/25 13:21	10/10/25 14:33	EPA 8015M	
Surrogate: 1-Chlorooctane		*90.5 %*	*70-130*		*P5J1009*	*10/10/25 13:21*	*10/10/25 14:33*	*EPA 8015M*	
Surrogate: o-Terphenyl		*106 %*	*70-130*		*P5J1009*	*10/10/25 13:21*	*10/10/25 14:33*	*EPA 8015M*	
Total Hydrocarbons	ND	26.6	mg/kg dry	1	[CALC]	10/10/25 13:21	10/10/25 14:33	[CALC]	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**21200**	53.2	mg/kg dry	50	P5J1007	10/10/25 10:43	10/11/25 00:48	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P5J1008	10/10/25 11:20	10/10/25 11:22	ASTM D2216	MOD1

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
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Midland TX, 79705	Project Manager: Jamey Fowler

V-7 @ Surface

5J09011-20 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00111	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 11:49	EPA 8021B	
Toluene	ND	0.00111	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 11:49	EPA 8021B	
Ethylbenzene	ND	0.00111	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 11:49	EPA 8021B	
Xylene (p/m)	ND	0.00222	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 11:49	EPA 8021B	
Xylene (o)	ND	0.00111	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 11:49	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*107 %*	*80-120*		*P5J1004*	*10/10/25 09:30*	*10/11/25 11:49*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*79.2 %*	*80-120*		*P5J1004*	*10/10/25 09:30*	*10/11/25 11:49*	*EPA 8021B*	*S-GC*
Organics by GC									
Gasoline Range Organics	ND	27.8	mg/kg dry	1	P5J1009	10/10/25 13:21	10/10/25 14:55	EPA 8015M	
Diesel Range Organics	ND	27.8	mg/kg dry	1	P5J1009	10/10/25 13:21	10/10/25 14:55	EPA 8015M	
Mineral Oil Range Organics	ND	27.8	mg/kg dry	1	P5J1009	10/10/25 13:21	10/10/25 14:55	EPA 8015M	
Surrogate: 1-Chlorooctane		*99.8 %*	*70-130*		*P5J1009*	*10/10/25 13:21*	*10/10/25 14:55*	*EPA 8015M*	
Surrogate: o-Terphenyl		*118 %*	*70-130*		*P5J1009*	*10/10/25 13:21*	*10/10/25 14:55*	*EPA 8015M*	
Total Hydrocarbons	ND	27.8	mg/kg dry	1	[CALC]	10/10/25 13:21	10/10/25 14:55	[CALC]	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**40700**	111	mg/kg dry	100	P5J1013	10/10/25 13:18	10/11/25 02:14	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	P5J1008	10/10/25 11:20	10/10/25 11:22	ASTM D2216	MOD1

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
4000 North Big Spring Street Suite 109	Project Number: CDEV:2325
Midland TX, 79705	Project Manager: Jamey Fowler

V-8 @ Surface

5J09011-21 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00106	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 12:12	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 12:12	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 12:12	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 12:12	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 12:12	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*105 %*	*80-120*		*P5J1004*	*10/10/25 09:30*	*10/11/25 12:12*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*73.5 %*	*80-120*		*P5J1004*	*10/10/25 09:30*	*10/11/25 12:12*	*EPA 8021B*	*S-GC*
Organics by GC									
Gasoline Range Organics	ND	26.6	mg/kg dry	1	P5J1009	10/10/25 13:21	10/10/25 15:18	EPA 8015M	
Diesel Range Organics	ND	26.6	mg/kg dry	1	P5J1009	10/10/25 13:21	10/10/25 15:18	EPA 8015M	
Mineral Oil Range Organics	ND	26.6	mg/kg dry	1	P5J1009	10/10/25 13:21	10/10/25 15:18	EPA 8015M	
Surrogate: 1-Chlorooctane		*85.5 %*	*70-130*		*P5J1009*	*10/10/25 13:21*	*10/10/25 15:18*	*EPA 8015M*	
Surrogate: o-Terphenyl		*101 %*	*70-130*		*P5J1009*	*10/10/25 13:21*	*10/10/25 15:18*	*EPA 8015M*	
Total Hydrocarbons	ND	26.6	mg/kg dry	1	[CALC]	10/10/25 13:21	10/10/25 15:18	[CALC]	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**12300**	53.2	mg/kg dry	50	P5J1013	10/10/25 13:18	10/11/25 02:57	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P5J1008	10/10/25 11:20	10/10/25 11:22	ASTM D2216	MOD1

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
4000 North Big Spring Street Suite 109	Project Number: CDEV:2325
Midland TX, 79705	Project Manager: Jamey Fowler

V-9 @ Surface

5J09011-22 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00106	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 12:35	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 12:35	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 12:35	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 12:35	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 12:35	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*108 %*	*80-120*		*P5J1004*	*10/10/25 09:30*	*10/11/25 12:35*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*80.4 %*	*80-120*		*P5J1004*	*10/10/25 09:30*	*10/11/25 12:35*	*EPA 8021B*	
Organics by GC									
Gasoline Range Organics	ND	26.6	mg/kg dry	1	P5J1009	10/10/25 13:21	10/10/25 15:40	EPA 8015M	
Diesel Range Organics	ND	26.6	mg/kg dry	1	P5J1009	10/10/25 13:21	10/10/25 15:40	EPA 8015M	
Mineral Oil Range Organics	ND	26.6	mg/kg dry	1	P5J1009	10/10/25 13:21	10/10/25 15:40	EPA 8015M	
Surrogate: 1-Chlorooctane		*87.0 %*	*70-130*		*P5J1009*	*10/10/25 13:21*	*10/10/25 15:40*	*EPA 8015M*	
Surrogate: o-Terphenyl		*104 %*	*70-130*		*P5J1009*	*10/10/25 13:21*	*10/10/25 15:40*	*EPA 8015M*	
Total Hydrocarbons	ND	26.6	mg/kg dry	1	[CALC]	10/10/25 13:21	10/10/25 15:40	[CALC]	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**8980**	26.6	mg/kg dry	25	P5J1013	10/10/25 13:18	10/11/25 03:12	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P5J1008	10/10/25 11:20	10/10/25 11:22	ASTM D2216	MOD1

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
4000 North Big Spring Street Suite 109	Project Number: CDEV:2325
Midland TX, 79705	Project Manager: Jamey Fowler

V-10 @ Surface

5J09011-23 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00106	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 12:59	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 12:59	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 12:59	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 12:59	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 12:59	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*108 %*	*80-120*		*P5J1004*	*10/10/25 09:30*	*10/11/25 12:59*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*81.4 %*	*80-120*		*P5J1004*	*10/10/25 09:30*	*10/11/25 12:59*	*EPA 8021B*	
Organics by GC									
Gasoline Range Organics	ND	26.6	mg/kg dry	1	P5J1009	10/10/25 13:21	10/10/25 16:03	EPA 8015M	
Diesel Range Organics	ND	26.6	mg/kg dry	1	P5J1009	10/10/25 13:21	10/10/25 16:03	EPA 8015M	
Mineral Oil Range Organics	ND	26.6	mg/kg dry	1	P5J1009	10/10/25 13:21	10/10/25 16:03	EPA 8015M	
Surrogate: 1-Chlorooctane		*96.5 %*	*70-130*		*P5J1009*	*10/10/25 13:21*	*10/10/25 16:03*	*EPA 8015M*	
Surrogate: o-Terphenyl		*113 %*	*70-130*		*P5J1009*	*10/10/25 13:21*	*10/10/25 16:03*	*EPA 8015M*	
Total Hydrocarbons	ND	26.6	mg/kg dry	1	[CALC]	10/10/25 13:21	10/10/25 16:03	[CALC]	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**7990**	26.6	mg/kg dry	25	P5J1013	10/10/25 13:18	10/11/25 03:26	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P5J1008	10/10/25 11:20	10/10/25 11:22	ASTM D2216	MOD1

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
4000 North Big Spring Street Suite 109	Project Number: CDEV:2325
Midland TX, 79705	Project Manager: Jamey Fowler

V-11 @ Surface

5J09011-24 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00109	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 13:22	EPA 8021B	
Toluene	ND	0.00109	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 13:22	EPA 8021B	
Ethylbenzene	ND	0.00109	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 13:22	EPA 8021B	
Xylene (p/m)	ND	0.00217	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 13:22	EPA 8021B	
Xylene (o)	ND	0.00109	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 13:22	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*107 %*	*80-120*		*P5J1004*	*10/10/25 09:30*	*10/11/25 13:22*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*82.1 %*	*80-120*		*P5J1004*	*10/10/25 09:30*	*10/11/25 13:22*	*EPA 8021B*	
Organics by GC									
Gasoline Range Organics	ND	27.2	mg/kg dry	1	P5J1009	10/10/25 13:21	10/10/25 16:25	EPA 8015M	
Diesel Range Organics	ND	27.2	mg/kg dry	1	P5J1009	10/10/25 13:21	10/10/25 16:25	EPA 8015M	
Mineral Oil Range Organics	ND	27.2	mg/kg dry	1	P5J1009	10/10/25 13:21	10/10/25 16:25	EPA 8015M	
Surrogate: 1-Chlorooctane		*98.3 %*	*70-130*		*P5J1009*	*10/10/25 13:21*	*10/10/25 16:25*	*EPA 8015M*	
Surrogate: o-Terphenyl		*116 %*	*70-130*		*P5J1009*	*10/10/25 13:21*	*10/10/25 16:25*	*EPA 8015M*	
Total Hydrocarbons	ND	27.2	mg/kg dry	1	[CALC]	10/10/25 13:21	10/10/25 16:25	[CALC]	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**22700**	54.3	mg/kg dry	50	P5J1013	10/10/25 13:18	10/11/25 03:40	EPA 300.0	
% Moisture	**8.0**	0.1	%	1	P5J1008	10/10/25 11:20	10/10/25 11:22	ASTM D2216	MOD1

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
4000 North Big Spring Street Suite 109	Project Number: CDEV:2325
Midland TX, 79705	Project Manager: Jamey Fowler

V-12 @ Surface

5J09011-25 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00106	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 13:45	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 13:45	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 13:45	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 13:45	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 13:45	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*108 %*	*80-120*		*P5J1004*	*10/10/25 09:30*	*10/11/25 13:45*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*79.3 %*	*80-120*		*P5J1004*	*10/10/25 09:30*	*10/11/25 13:45*	*EPA 8021B*	*S-GC*
Organics by GC									
Gasoline Range Organics	ND	26.6	mg/kg dry	1	P5J1009	10/10/25 13:21	10/10/25 16:48	EPA 8015M	
Diesel Range Organics	ND	26.6	mg/kg dry	1	P5J1009	10/10/25 13:21	10/10/25 16:48	EPA 8015M	
Mineral Oil Range Organics	ND	26.6	mg/kg dry	1	P5J1009	10/10/25 13:21	10/10/25 16:48	EPA 8015M	
Surrogate: 1-Chlorooctane		*92.4 %*	*70-130*		*P5J1009*	*10/10/25 13:21*	*10/10/25 16:48*	*EPA 8015M*	
Surrogate: o-Terphenyl		*110 %*	*70-130*		*P5J1009*	*10/10/25 13:21*	*10/10/25 16:48*	*EPA 8015M*	
Total Hydrocarbons	ND	26.6	mg/kg dry	1	[CALC]	10/10/25 13:21	10/10/25 16:48	[CALC]	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**14100**	53.2	mg/kg dry	50	P5J1013	10/10/25 13:18	10/11/25 03:55	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P5J1008	10/10/25 11:20	10/10/25 11:22	ASTM D2216	MOD1

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
4000 North Big Spring Street Suite 109	Project Number: CDEV:2325
Midland TX, 79705	Project Manager: Jamey Fowler

V-13 @ Surface

5J09011-26 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00104	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 14:08	EPA 8021B	
Toluene	ND	0.00104	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 14:08	EPA 8021B	
Ethylbenzene	ND	0.00104	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 14:08	EPA 8021B	
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 14:08	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 14:08	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*108 %*	*80-120*		*P5J1004*	*10/10/25 09:30*	*10/11/25 14:08*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*80.6 %*	*80-120*		*P5J1004*	*10/10/25 09:30*	*10/11/25 14:08*	*EPA 8021B*	
Organics by GC									
Gasoline Range Organics	ND	26.0	mg/kg dry	1	P5J1009	10/10/25 13:21	10/10/25 17:10	EPA 8015M	
Diesel Range Organics	ND	26.0	mg/kg dry	1	P5J1009	10/10/25 13:21	10/10/25 17:10	EPA 8015M	
Mineral Oil Range Organics	ND	26.0	mg/kg dry	1	P5J1009	10/10/25 13:21	10/10/25 17:10	EPA 8015M	
Surrogate: 1-Chlorooctane		*87.7 %*	*70-130*		*P5J1009*	*10/10/25 13:21*	*10/10/25 17:10*	*EPA 8015M*	
Surrogate: o-Terphenyl		*105 %*	*70-130*		*P5J1009*	*10/10/25 13:21*	*10/10/25 17:10*	*EPA 8015M*	
Total Hydrocarbons	ND	26.0	mg/kg dry	1	[CALC]	10/10/25 13:21	10/10/25 17:10	[CALC]	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**10400**	52.1	mg/kg dry	50	P5J1013	10/10/25 13:18	10/11/25 04:09	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P5J1008	10/10/25 11:20	10/10/25 11:22	ASTM D2216	MOD1

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
4000 North Big Spring Street Suite 109	Project Number: CDEV:2325
Midland TX, 79705	Project Manager: Jamey Fowler

V-14 @ Surface

5J09011-27 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00109	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 14:31	EPA 8021B	
Toluene	ND	0.00109	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 14:31	EPA 8021B	
Ethylbenzene	ND	0.00109	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 14:31	EPA 8021B	
Xylene (p/m)	ND	0.00217	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 14:31	EPA 8021B	
Xylene (o)	ND	0.00109	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 14:31	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*108 %*	*80-120*		*P5J1004*	*10/10/25 09:30*	*10/11/25 14:31*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*81.2 %*	*80-120*		*P5J1004*	*10/10/25 09:30*	*10/11/25 14:31*	*EPA 8021B*	
Organics by GC									
Gasoline Range Organics	ND	27.2	mg/kg dry	1	P5J1009	10/10/25 13:21	10/10/25 17:33	EPA 8015M	
Diesel Range Organics	ND	27.2	mg/kg dry	1	P5J1009	10/10/25 13:21	10/10/25 17:33	EPA 8015M	
Mineral Oil Range Organics	ND	27.2	mg/kg dry	1	P5J1009	10/10/25 13:21	10/10/25 17:33	EPA 8015M	
Surrogate: 1-Chlorooctane		*85.7 %*	*70-130*		*P5J1009*	*10/10/25 13:21*	*10/10/25 17:33*	*EPA 8015M*	
Surrogate: o-Terphenyl		*103 %*	*70-130*		*P5J1009*	*10/10/25 13:21*	*10/10/25 17:33*	*EPA 8015M*	
Total Hydrocarbons	ND	27.2	mg/kg dry	1	[CALC]	10/10/25 13:21	10/10/25 17:33	[CALC]	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**14400**	54.3	mg/kg dry	50	P5J1013	10/10/25 13:18	10/11/25 04:23	EPA 300.0	
% Moisture	**8.0**	0.1	%	1	P5J1008	10/10/25 11:20	10/10/25 11:22	ASTM D2216	MOD1

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
4000 North Big Spring Street Suite 109	Project Number: CDEV:2325
Midland TX, 79705	Project Manager: Jamey Fowler

V-15 @ Surface

5J09011-28 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00112	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 14:54	EPA 8021B	
Toluene	ND	0.00112	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 14:54	EPA 8021B	
Ethylbenzene	ND	0.00112	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 14:54	EPA 8021B	
Xylene (p/m)	ND	0.00225	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 14:54	EPA 8021B	
Xylene (o)	ND	0.00112	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 14:54	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*81.6 %*	*80-120*		*P5J1004*	*10/10/25 09:30*	*10/11/25 14:54*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*107 %*	*80-120*		*P5J1004*	*10/10/25 09:30*	*10/11/25 14:54*	*EPA 8021B*	
Organics by GC									
Gasoline Range Organics	ND	28.1	mg/kg dry	1	P5J1009	10/10/25 13:21	10/10/25 18:41	EPA 8015M	
Diesel Range Organics	ND	28.1	mg/kg dry	1	P5J1009	10/10/25 13:21	10/10/25 18:41	EPA 8015M	
Mineral Oil Range Organics	ND	28.1	mg/kg dry	1	P5J1009	10/10/25 13:21	10/10/25 18:41	EPA 8015M	
Surrogate: 1-Chlorooctane		*93.0 %*	*70-130*		*P5J1009*	*10/10/25 13:21*	*10/10/25 18:41*	*EPA 8015M*	
Surrogate: o-Terphenyl		*112 %*	*70-130*		*P5J1009*	*10/10/25 13:21*	*10/10/25 18:41*	*EPA 8015M*	
Total Hydrocarbons	ND	28.1	mg/kg dry	1	[CALC]	10/10/25 13:21	10/10/25 18:41	[CALC]	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**23700**	56.2	mg/kg dry	50	P5J1013	10/10/25 13:18	10/11/25 04:37	EPA 300.0	
% Moisture	**11.0**	0.1	%	1	P5J1008	10/10/25 11:20	10/10/25 11:22	ASTM D2216	MOD1

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
4000 North Big Spring Street Suite 109	Project Number: CDEV:2325
Midland TX, 79705	Project Manager: Jamey Fowler

V-1 @ 1'

5J09011-29 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00112	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 16:04	EPA 8021B	
Toluene	ND	0.00112	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 16:04	EPA 8021B	
Ethylbenzene	ND	0.00112	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 16:04	EPA 8021B	
Xylene (p/m)	ND	0.00225	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 16:04	EPA 8021B	
Xylene (o)	ND	0.00112	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 16:04	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*79.9 %*	*80-120*		*P5J1004*	*10/10/25 09:30*	*10/11/25 16:04*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*108 %*	*80-120*		*P5J1004*	*10/10/25 09:30*	*10/11/25 16:04*	*EPA 8021B*	
Organics by GC									
Gasoline Range Organics	ND	28.1	mg/kg dry	1	P5J1009	10/10/25 13:21	10/10/25 19:03	EPA 8015M	
Diesel Range Organics	ND	28.1	mg/kg dry	1	P5J1009	10/10/25 13:21	10/10/25 19:03	EPA 8015M	
Mineral Oil Range Organics	ND	28.1	mg/kg dry	1	P5J1009	10/10/25 13:21	10/10/25 19:03	EPA 8015M	
Surrogate: 1-Chlorooctane		*97.7 %*	*70-130*		*P5J1009*	*10/10/25 13:21*	*10/10/25 19:03*	*EPA 8015M*	
Surrogate: o-Terphenyl		*118 %*	*70-130*		*P5J1009*	*10/10/25 13:21*	*10/10/25 19:03*	*EPA 8015M*	
Total Hydrocarbons	ND	28.1	mg/kg dry	1	[CALC]	10/10/25 13:21	10/10/25 19:03	[CALC]	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**438**	1.12	mg/kg dry	1	P5J1013	10/10/25 13:18	10/11/25 04:52	EPA 300.0	
% Moisture	**11.0**	0.1	%	1	P5J1008	10/10/25 11:20	10/10/25 11:22	ASTM D2216	MOD1

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
4000 North Big Spring Street Suite 109	Project Number: CDEV:2325
Midland TX, 79705	Project Manager: Jamey Fowler

V-2 @ 2'

5J09011-30 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00106	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 16:27	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 16:27	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 16:27	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 16:27	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 16:27	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*79.2 %*	*80-120*		*P5J1004*	*10/10/25 09:30*	*10/11/25 16:27*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*107 %*	*80-120*		*P5J1004*	*10/10/25 09:30*	*10/11/25 16:27*	*EPA 8021B*	
Organics by GC									
Gasoline Range Organics	ND	26.6	mg/kg dry	1	P5J1009	10/10/25 13:21	10/10/25 19:26	EPA 8015M	
Diesel Range Organics	ND	26.6	mg/kg dry	1	P5J1009	10/10/25 13:21	10/10/25 19:26	EPA 8015M	
Mineral Oil Range Organics	ND	26.6	mg/kg dry	1	P5J1009	10/10/25 13:21	10/10/25 19:26	EPA 8015M	
Surrogate: 1-Chlorooctane		*87.7 %*	*70-130*		*P5J1009*	*10/10/25 13:21*	*10/10/25 19:26*	*EPA 8015M*	
Surrogate: o-Terphenyl		*105 %*	*70-130*		*P5J1009*	*10/10/25 13:21*	*10/10/25 19:26*	*EPA 8015M*	
Total Hydrocarbons	ND	26.6	mg/kg dry	1	[CALC]	10/10/25 13:21	10/10/25 19:26	[CALC]	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**486**	1.06	mg/kg dry	1	P5J1013	10/10/25 13:18	10/11/25 05:35	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P5J1008	10/10/25 11:20	10/10/25 11:22	ASTM D2216	MOD1

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
4000 North Big Spring Street Suite 109	Project Number: CDEV:2325
Midland TX, 79705	Project Manager: Jamey Fowler

V-3 @ 1'

5J09011-31 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00106	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 16:50	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 16:50	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 16:50	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 16:50	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 16:50	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*74.9 %*	*80-120*		*P5J1004*	*10/10/25 09:30*	*10/11/25 16:50*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*105 %*	*80-120*		*P5J1004*	*10/10/25 09:30*	*10/11/25 16:50*	*EPA 8021B*	
Organics by GC									
Gasoline Range Organics	ND	26.6	mg/kg dry	1	P5J1009	10/10/25 13:21	10/10/25 19:48	EPA 8015M	
Diesel Range Organics	ND	26.6	mg/kg dry	1	P5J1009	10/10/25 13:21	10/10/25 19:48	EPA 8015M	
Mineral Oil Range Organics	ND	26.6	mg/kg dry	1	P5J1009	10/10/25 13:21	10/10/25 19:48	EPA 8015M	
Surrogate: 1-Chlorooctane		*91.7 %*	*70-130*		*P5J1009*	*10/10/25 13:21*	*10/10/25 19:48*	*EPA 8015M*	
Surrogate: o-Terphenyl		*110 %*	*70-130*		*P5J1009*	*10/10/25 13:21*	*10/10/25 19:48*	*EPA 8015M*	
Total Hydrocarbons	ND	26.6	mg/kg dry	1	[CALC]	10/10/25 13:21	10/10/25 19:48	[CALC]	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**61.4**	1.06	mg/kg dry	1	P5J1013	10/10/25 13:18	10/11/25 06:17	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P5J1008	10/10/25 11:20	10/10/25 11:22	ASTM D2216	MOD1

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
4000 North Big Spring Street Suite 109	Project Number: CDEV:2325
Midland TX, 79705	Project Manager: Jamey Fowler

V-4 @ 2'

5J09011-32 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00106	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 17:13	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 17:13	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 17:13	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 17:13	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 17:13	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*78.0 %*	*80-120*		*P5J1004*	*10/10/25 09:30*	*10/11/25 17:13*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*107 %*	*80-120*		*P5J1004*	*10/10/25 09:30*	*10/11/25 17:13*	*EPA 8021B*	
Organics by GC									
Gasoline Range Organics	ND	26.6	mg/kg dry	1	P5J1009	10/10/25 13:21	10/10/25 20:11	EPA 8015M	
Diesel Range Organics	ND	26.6	mg/kg dry	1	P5J1009	10/10/25 13:21	10/10/25 20:11	EPA 8015M	
Mineral Oil Range Organics	ND	26.6	mg/kg dry	1	P5J1009	10/10/25 13:21	10/10/25 20:11	EPA 8015M	
Surrogate: 1-Chlorooctane		*81.8 %*	*70-130*		*P5J1009*	*10/10/25 13:21*	*10/10/25 20:11*	*EPA 8015M*	
Surrogate: o-Terphenyl		*98.4 %*	*70-130*		*P5J1009*	*10/10/25 13:21*	*10/10/25 20:11*	*EPA 8015M*	
Total Hydrocarbons	ND	26.6	mg/kg dry	1	[CALC]	10/10/25 13:21	10/10/25 20:11	[CALC]	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**93.2**	1.06	mg/kg dry	1	P5J1013	10/10/25 13:18	10/11/25 06:32	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P5J1008	10/10/25 11:20	10/10/25 11:22	ASTM D2216	MOD1

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
4000 North Big Spring Street Suite 109	Project Number: CDEV:2325
Midland TX, 79705	Project Manager: Jamey Fowler

V-5 @ 2'

5J09011-33 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00105	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 17:36	EPA 8021B	
Toluene	ND	0.00105	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 17:36	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 17:36	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 17:36	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 17:36	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*79.1 %*	*80-120*		*P5J1004*	*10/10/25 09:30*	*10/11/25 17:36*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*107 %*	*80-120*		*P5J1004*	*10/10/25 09:30*	*10/11/25 17:36*	*EPA 8021B*	
Organics by GC									
Gasoline Range Organics	ND	26.3	mg/kg dry	1	P5J1009	10/10/25 13:21	10/10/25 20:33	EPA 8015M	
Diesel Range Organics	ND	26.3	mg/kg dry	1	P5J1009	10/10/25 13:21	10/10/25 20:33	EPA 8015M	
Mineral Oil Range Organics	ND	26.3	mg/kg dry	1	P5J1009	10/10/25 13:21	10/10/25 20:33	EPA 8015M	
Surrogate: 1-Chlorooctane		*87.4 %*	*70-130*		*P5J1009*	*10/10/25 13:21*	*10/10/25 20:33*	*EPA 8015M*	
Surrogate: o-Terphenyl		*105 %*	*70-130*		*P5J1009*	*10/10/25 13:21*	*10/10/25 20:33*	*EPA 8015M*	
Total Hydrocarbons	ND	26.3	mg/kg dry	1	[CALC]	10/10/25 13:21	10/10/25 20:33	[CALC]	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**152**	1.05	mg/kg dry	1	P5J1013	10/10/25 13:18	10/11/25 06:46	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P5J1008	10/10/25 11:20	10/10/25 11:22	ASTM D2216	MOD1

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
4000 North Big Spring Street Suite 109	Project Number: CDEV:2325
Midland TX, 79705	Project Manager: Jamey Fowler

V-6 @ 2'

5J09011-34 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00111	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 17:59	EPA 8021B	
Toluene	ND	0.00111	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 17:59	EPA 8021B	
Ethylbenzene	ND	0.00111	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 17:59	EPA 8021B	
Xylene (p/m)	ND	0.00222	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 17:59	EPA 8021B	
Xylene (o)	ND	0.00111	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 17:59	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*107 %*	*80-120*		*P5J1004*	*10/10/25 09:30*	*10/11/25 17:59*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*79.0 %*	*80-120*		*P5J1004*	*10/10/25 09:30*	*10/11/25 17:59*	*EPA 8021B*	*S-GC*
Organics by GC									
Gasoline Range Organics	ND	27.8	mg/kg dry	1	P5J1009	10/10/25 13:21	10/10/25 20:56	EPA 8015M	
Diesel Range Organics	ND	27.8	mg/kg dry	1	P5J1009	10/10/25 13:21	10/10/25 20:56	EPA 8015M	
Mineral Oil Range Organics	ND	27.8	mg/kg dry	1	P5J1009	10/10/25 13:21	10/10/25 20:56	EPA 8015M	
Surrogate: 1-Chlorooctane		*85.4 %*	*70-130*		*P5J1009*	*10/10/25 13:21*	*10/10/25 20:56*	*EPA 8015M*	
Surrogate: o-Terphenyl		*105 %*	*70-130*		*P5J1009*	*10/10/25 13:21*	*10/10/25 20:56*	*EPA 8015M*	
Total Hydrocarbons	ND	27.8	mg/kg dry	1	[CALC]	10/10/25 13:21	10/10/25 20:56	[CALC]	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**76.9**	1.11	mg/kg dry	1	P5J1013	10/10/25 13:18	10/11/25 07:00	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	P5J1008	10/10/25 11:20	10/10/25 11:22	ASTM D2216	MOD1

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
4000 North Big Spring Street Suite 109	Project Number: CDEV:2325
Midland TX, 79705	Project Manager: Jamey Fowler

V-7 @ 2'

5J09011-35 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00111	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 18:22	EPA 8021B	
Toluene	ND	0.00111	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 18:22	EPA 8021B	
Ethylbenzene	ND	0.00111	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 18:22	EPA 8021B	
Xylene (p/m)	ND	0.00222	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 18:22	EPA 8021B	
Xylene (o)	ND	0.00111	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 18:22	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*107 %*	*80-120*		*P5J1004*	*10/10/25 09:30*	*10/11/25 18:22*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*79.2 %*	*80-120*		*P5J1004*	*10/10/25 09:30*	*10/11/25 18:22*	*EPA 8021B*	*S-GC*
Organics by GC									
Gasoline Range Organics	ND	27.8	mg/kg dry	1	P5J1009	10/10/25 13:21	10/10/25 21:18	EPA 8015M	
Diesel Range Organics	ND	27.8	mg/kg dry	1	P5J1009	10/10/25 13:21	10/10/25 21:18	EPA 8015M	
Mineral Oil Range Organics	ND	27.8	mg/kg dry	1	P5J1009	10/10/25 13:21	10/10/25 21:18	EPA 8015M	
Surrogate: 1-Chlorooctane		*83.3 %*	*70-130*		*P5J1009*	*10/10/25 13:21*	*10/10/25 21:18*	*EPA 8015M*	
Surrogate: o-Terphenyl		*102 %*	*70-130*		*P5J1009*	*10/10/25 13:21*	*10/10/25 21:18*	*EPA 8015M*	
Total Hydrocarbons	ND	27.8	mg/kg dry	1	[CALC]	10/10/25 13:21	10/10/25 21:18	[CALC]	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**208**	1.11	mg/kg dry	1	P5J1013	10/10/25 13:18	10/11/25 07:14	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	P5J1008	10/10/25 11:20	10/10/25 11:22	ASTM D2216	MOD1

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
4000 North Big Spring Street Suite 109	Project Number: CDEV:2325
Midland TX, 79705	Project Manager: Jamey Fowler

V-8 @ 2'

5J09011-36 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00106	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 18:46	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 18:46	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 18:46	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 18:46	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 18:46	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*79.0 %*	*80-120*		*P5J1004*	*10/10/25 09:30*	*10/11/25 18:46*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*107 %*	*80-120*		*P5J1004*	*10/10/25 09:30*	*10/11/25 18:46*	*EPA 8021B*	
Organics by GC									
Gasoline Range Organics	ND	26.6	mg/kg dry	1	P5J1009	10/10/25 13:21	10/10/25 21:41	EPA 8015M	
Diesel Range Organics	ND	26.6	mg/kg dry	1	P5J1009	10/10/25 13:21	10/10/25 21:41	EPA 8015M	
Mineral Oil Range Organics	ND	26.6	mg/kg dry	1	P5J1009	10/10/25 13:21	10/10/25 21:41	EPA 8015M	
Surrogate: 1-Chlorooctane		*87.7 %*	*70-130*		*P5J1009*	*10/10/25 13:21*	*10/10/25 21:41*	*EPA 8015M*	
Surrogate: o-Terphenyl		*106 %*	*70-130*		*P5J1009*	*10/10/25 13:21*	*10/10/25 21:41*	*EPA 8015M*	
Total Hydrocarbons	ND	26.6	mg/kg dry	1	[CALC]	10/10/25 13:21	10/10/25 21:41	[CALC]	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**107**	1.06	mg/kg dry	1	P5J1013	10/10/25 13:18	10/11/25 07:29	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P5J1008	10/10/25 11:20	10/10/25 11:22	ASTM D2216	MOD1

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
4000 North Big Spring Street Suite 109	Project Number: CDEV:2325
Midland TX, 79705	Project Manager: Jamey Fowler

V-9 @ 1'

5J09011-37 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00108	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 19:09	EPA 8021B	
Toluene	ND	0.00108	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 19:09	EPA 8021B	
Ethylbenzene	ND	0.00108	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 19:09	EPA 8021B	
Xylene (p/m)	ND	0.00215	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 19:09	EPA 8021B	
Xylene (o)	ND	0.00108	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 19:09	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*76.8 %*	*80-120*		*P5J1004*	*10/10/25 09:30*	*10/11/25 19:09*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*107 %*	*80-120*		*P5J1004*	*10/10/25 09:30*	*10/11/25 19:09*	*EPA 8021B*	
Organics by GC									
Gasoline Range Organics	ND	26.9	mg/kg dry	1	P5J1009	10/10/25 13:21	10/10/25 22:03	EPA 8015M	
Diesel Range Organics	ND	26.9	mg/kg dry	1	P5J1009	10/10/25 13:21	10/10/25 22:03	EPA 8015M	
Mineral Oil Range Organics	ND	26.9	mg/kg dry	1	P5J1009	10/10/25 13:21	10/10/25 22:03	EPA 8015M	
Surrogate: 1-Chlorooctane		*86.2 %*	*70-130*		*P5J1009*	*10/10/25 13:21*	*10/10/25 22:03*	*EPA 8015M*	
Surrogate: o-Terphenyl		*105 %*	*70-130*		*P5J1009*	*10/10/25 13:21*	*10/10/25 22:03*	*EPA 8015M*	
Total Hydrocarbons	ND	26.9	mg/kg dry	1	[CALC]	10/10/25 13:21	10/10/25 22:03	[CALC]	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**92.0**	1.08	mg/kg dry	1	P5J1314	10/13/25 14:17	10/13/25 15:37	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	P5J1008	10/10/25 11:20	10/10/25 11:22	ASTM D2216	MOD1

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
4000 North Big Spring Street Suite 109	Project Number: CDEV:2325
Midland TX, 79705	Project Manager: Jamey Fowler

V-10 @ 1'

5J09011-38 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00108	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 19:32	EPA 8021B	
Toluene	ND	0.00108	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 19:32	EPA 8021B	
Ethylbenzene	ND	0.00108	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 19:32	EPA 8021B	
Xylene (p/m)	ND	0.00215	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 19:32	EPA 8021B	
Xylene (o)	ND	0.00108	mg/kg dry	1	P5J1004	10/10/25 09:30	10/11/25 19:32	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*78.6 %*	*80-120*		*P5J1004*	*10/10/25 09:30*	*10/11/25 19:32*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*107 %*	*80-120*		*P5J1004*	*10/10/25 09:30*	*10/11/25 19:32*	*EPA 8021B*	
Organics by GC									
Gasoline Range Organics	ND	26.9	mg/kg dry	1	P5J1010	10/10/25 13:37	10/11/25 01:04	EPA 8015M	
Diesel Range Organics	ND	26.9	mg/kg dry	1	P5J1010	10/10/25 13:37	10/11/25 01:04	EPA 8015M	
Mineral Oil Range Organics	ND	26.9	mg/kg dry	1	P5J1010	10/10/25 13:37	10/11/25 01:04	EPA 8015M	
Surrogate: 1-Chlorooctane		*78.7 %*	*70-130*		*P5J1010*	*10/10/25 13:37*	*10/11/25 01:04*	*EPA 8015M*	
Surrogate: o-Terphenyl		*91.4 %*	*70-130*		*P5J1010*	*10/10/25 13:37*	*10/11/25 01:04*	*EPA 8015M*	
Total Hydrocarbons	ND	26.9	mg/kg dry	1	[CALC]	10/10/25 13:37	10/11/25 01:04	[CALC]	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**222**	1.08	mg/kg dry	1	P5J1314	10/13/25 14:17	10/13/25 16:20	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	P5J1008	10/10/25 11:20	10/10/25 11:22	ASTM D2216	MOD1

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
4000 North Big Spring Street Suite 109	Project Number: CDEV:2325
Midland TX, 79705	Project Manager: Jamey Fowler

V-11 @ 2'

5J09011-39 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00112	mg/kg dry	1	P5J1011	10/10/25 13:36	10/10/25 17:58	EPA 8021B	
Toluene	ND	0.00112	mg/kg dry	1	P5J1011	10/10/25 13:36	10/10/25 17:58	EPA 8021B	
Ethylbenzene	ND	0.00112	mg/kg dry	1	P5J1011	10/10/25 13:36	10/10/25 17:58	EPA 8021B	
Xylene (p/m)	ND	0.00225	mg/kg dry	1	P5J1011	10/10/25 13:36	10/10/25 17:58	EPA 8021B	
Xylene (o)	ND	0.00112	mg/kg dry	1	P5J1011	10/10/25 13:36	10/10/25 17:58	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*101 %*	*80-120*		*P5J1011*	*10/10/25 13:36*	*10/10/25 17:58*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*107 %*	*80-120*		*P5J1011*	*10/10/25 13:36*	*10/10/25 17:58*	*EPA 8021B*	
Organics by GC									
Gasoline Range Organics	ND	28.1	mg/kg dry	1	P5J1010	10/10/25 13:37	10/11/25 01:27	EPA 8015M	
Diesel Range Organics	ND	28.1	mg/kg dry	1	P5J1010	10/10/25 13:37	10/11/25 01:27	EPA 8015M	
Mineral Oil Range Organics	ND	28.1	mg/kg dry	1	P5J1010	10/10/25 13:37	10/11/25 01:27	EPA 8015M	
Surrogate: 1-Chlorooctane		*91.6 %*	*70-130*		*P5J1010*	*10/10/25 13:37*	*10/11/25 01:27*	*EPA 8015M*	
Surrogate: o-Terphenyl		*110 %*	*70-130*		*P5J1010*	*10/10/25 13:37*	*10/11/25 01:27*	*EPA 8015M*	
Total Hydrocarbons	ND	28.1	mg/kg dry	1	[CALC]	10/10/25 13:37	10/11/25 01:27	[CALC]	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**147**	1.12	mg/kg dry	1	P5J1314	10/13/25 14:17	10/13/25 16:34	EPA 300.0	
% Moisture	**11.0**	0.1	%	1	P5J1008	10/10/25 11:20	10/10/25 11:22	ASTM D2216	MOD1

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
4000 North Big Spring Street Suite 109	Project Number: CDEV:2325
Midland TX, 79705	Project Manager: Jamey Fowler

V-12 @ 2'

5J09011-40 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00108	mg/kg dry	1	P5J1011	10/10/25 13:36	10/10/25 18:22	EPA 8021B	
Toluene	ND	0.00108	mg/kg dry	1	P5J1011	10/10/25 13:36	10/10/25 18:22	EPA 8021B	
Ethylbenzene	ND	0.00108	mg/kg dry	1	P5J1011	10/10/25 13:36	10/10/25 18:22	EPA 8021B	
Xylene (p/m)	ND	0.00215	mg/kg dry	1	P5J1011	10/10/25 13:36	10/10/25 18:22	EPA 8021B	
Xylene (o)	ND	0.00108	mg/kg dry	1	P5J1011	10/10/25 13:36	10/10/25 18:22	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*99.8 %*	*80-120*		*P5J1011*	*10/10/25 13:36*	*10/10/25 18:22*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*113 %*	*80-120*		*P5J1011*	*10/10/25 13:36*	*10/10/25 18:22*	*EPA 8021B*	
Organics by GC									
Gasoline Range Organics	ND	26.9	mg/kg dry	1	P5J1010	10/10/25 13:37	10/11/25 01:49	EPA 8015M	
Diesel Range Organics	ND	26.9	mg/kg dry	1	P5J1010	10/10/25 13:37	10/11/25 01:49	EPA 8015M	
Mineral Oil Range Organics	ND	26.9	mg/kg dry	1	P5J1010	10/10/25 13:37	10/11/25 01:49	EPA 8015M	
Surrogate: 1-Chlorooctane		*82.2 %*	*70-130*		*P5J1010*	*10/10/25 13:37*	*10/11/25 01:49*	*EPA 8015M*	
Surrogate: o-Terphenyl		*99.0 %*	*70-130*		*P5J1010*	*10/10/25 13:37*	*10/11/25 01:49*	*EPA 8015M*	
Total Hydrocarbons	ND	26.9	mg/kg dry	1	[CALC]	10/10/25 13:37	10/11/25 01:49	[CALC]	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**190**	1.08	mg/kg dry	1	P5J1314	10/13/25 14:17	10/13/25 16:48	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	P5J1008	10/10/25 11:20	10/10/25 11:22	ASTM D2216	MOD1

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
4000 North Big Spring Street Suite 109	Project Number: CDEV:2325
Midland TX, 79705	Project Manager: Jamey Fowler

V-13 @ 2'

5J09011-41 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00108	mg/kg dry	1	P5J1011	10/10/25 13:36	10/10/25 18:45	EPA 8021B	
Toluene	ND	0.00108	mg/kg dry	1	P5J1011	10/10/25 13:36	10/10/25 18:45	EPA 8021B	
Ethylbenzene	ND	0.00108	mg/kg dry	1	P5J1011	10/10/25 13:36	10/10/25 18:45	EPA 8021B	
Xylene (p/m)	ND	0.00215	mg/kg dry	1	P5J1011	10/10/25 13:36	10/10/25 18:45	EPA 8021B	
Xylene (o)	ND	0.00108	mg/kg dry	1	P5J1011	10/10/25 13:36	10/10/25 18:45	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*99.2 %*	*80-120*		*P5J1011*	*10/10/25 13:36*	*10/10/25 18:45*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*112 %*	*80-120*		*P5J1011*	*10/10/25 13:36*	*10/10/25 18:45*	*EPA 8021B*	
Organics by GC									
Gasoline Range Organics	ND	26.9	mg/kg dry	1	P5J1010	10/10/25 13:37	10/11/25 02:12	EPA 8015M	
Diesel Range Organics	ND	26.9	mg/kg dry	1	P5J1010	10/10/25 13:37	10/11/25 02:12	EPA 8015M	
Mineral Oil Range Organics	ND	26.9	mg/kg dry	1	P5J1010	10/10/25 13:37	10/11/25 02:12	EPA 8015M	
Surrogate: 1-Chlorooctane		*85.8 %*	*70-130*		*P5J1010*	*10/10/25 13:37*	*10/11/25 02:12*	*EPA 8015M*	
Surrogate: o-Terphenyl		*103 %*	*70-130*		*P5J1010*	*10/10/25 13:37*	*10/11/25 02:12*	*EPA 8015M*	
Total Hydrocarbons	ND	26.9	mg/kg dry	1	[CALC]	10/10/25 13:37	10/11/25 02:12	[CALC]	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**114**	1.08	mg/kg dry	1	P5J1314	10/13/25 14:17	10/13/25 17:02	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	P5J1008	10/10/25 11:20	10/10/25 11:22	ASTM D2216	MOD1

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
4000 North Big Spring Street Suite 109	Project Number: CDEV:2325
Midland TX, 79705	Project Manager: Jamey Fowler

V-14 @ 1'10"

5J09011-42 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00111	mg/kg dry	1	P5J1011	10/10/25 13:36	10/10/25 19:09	EPA 8021B	
Toluene	ND	0.00111	mg/kg dry	1	P5J1011	10/10/25 13:36	10/10/25 19:09	EPA 8021B	
Ethylbenzene	ND	0.00111	mg/kg dry	1	P5J1011	10/10/25 13:36	10/10/25 19:09	EPA 8021B	
Xylene (p/m)	ND	0.00222	mg/kg dry	1	P5J1011	10/10/25 13:36	10/10/25 19:09	EPA 8021B	
Xylene (o)	ND	0.00111	mg/kg dry	1	P5J1011	10/10/25 13:36	10/10/25 19:09	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*96.8 %*	*80-120*		*P5J1011*	*10/10/25 13:36*	*10/10/25 19:09*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*112 %*	*80-120*		*P5J1011*	*10/10/25 13:36*	*10/10/25 19:09*	*EPA 8021B*	
Organics by GC									
Gasoline Range Organics	ND	27.8	mg/kg dry	1	P5J1010	10/10/25 13:37	10/11/25 02:35	EPA 8015M	
Diesel Range Organics	ND	27.8	mg/kg dry	1	P5J1010	10/10/25 13:37	10/11/25 02:35	EPA 8015M	
Mineral Oil Range Organics	ND	27.8	mg/kg dry	1	P5J1010	10/10/25 13:37	10/11/25 02:35	EPA 8015M	
Surrogate: 1-Chlorooctane		*85.9 %*	*70-130*		*P5J1010*	*10/10/25 13:37*	*10/11/25 02:35*	*EPA 8015M*	
Surrogate: o-Terphenyl		*105 %*	*70-130*		*P5J1010*	*10/10/25 13:37*	*10/11/25 02:35*	*EPA 8015M*	
Total Hydrocarbons	ND	27.8	mg/kg dry	1	[CALC]	10/10/25 13:37	10/11/25 02:35	[CALC]	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**92.3**	1.11	mg/kg dry	1	P5J1314	10/13/25 14:17	10/13/25 17:17	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	P5J1008	10/10/25 11:20	10/10/25 11:22	ASTM D2216	MOD1

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
4000 North Big Spring Street Suite 109	Project Number: CDEV:2325
Midland TX, 79705	Project Manager: Jamey Fowler

V-15 @ 1'6"

5J09011-43 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00118	mg/kg dry	1	P5J1011	10/10/25 13:36	10/10/25 19:32	EPA 8021B	
Toluene	ND	0.00118	mg/kg dry	1	P5J1011	10/10/25 13:36	10/10/25 19:32	EPA 8021B	
Ethylbenzene	ND	0.00118	mg/kg dry	1	P5J1011	10/10/25 13:36	10/10/25 19:32	EPA 8021B	
Xylene (p/m)	ND	0.00235	mg/kg dry	1	P5J1011	10/10/25 13:36	10/10/25 19:32	EPA 8021B	
Xylene (o)	ND	0.00118	mg/kg dry	1	P5J1011	10/10/25 13:36	10/10/25 19:32	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*97.3 %*	*80-120*		*P5J1011*	*10/10/25 13:36*	*10/10/25 19:32*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*112 %*	*80-120*		*P5J1011*	*10/10/25 13:36*	*10/10/25 19:32*	*EPA 8021B*	
Organics by GC									
Gasoline Range Organics	ND	29.4	mg/kg dry	1	P5J1010	10/10/25 13:37	10/11/25 02:57	EPA 8015M	
Diesel Range Organics	ND	29.4	mg/kg dry	1	P5J1010	10/10/25 13:37	10/11/25 02:57	EPA 8015M	
Mineral Oil Range Organics	ND	29.4	mg/kg dry	1	P5J1010	10/10/25 13:37	10/11/25 02:57	EPA 8015M	
Surrogate: 1-Chlorooctane		*81.0 %*	*70-130*		*P5J1010*	*10/10/25 13:37*	*10/11/25 02:57*	*EPA 8015M*	
Surrogate: o-Terphenyl		*100 %*	*70-130*		*P5J1010*	*10/10/25 13:37*	*10/11/25 02:57*	*EPA 8015M*	
Total Hydrocarbons	ND	29.4	mg/kg dry	1	[CALC]	10/10/25 13:37	10/11/25 02:57	[CALC]	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**266**	1.18	mg/kg dry	1	P5J1314	10/13/25 14:17	10/13/25 17:31	EPA 300.0	
% Moisture	**15.0**	0.1	%	1	P5J1008	10/10/25 11:20	10/10/25 11:22	ASTM D2216	MOD1

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
4000 North Big Spring Street Suite 109	Project Number: CDEV:2325
Midland TX, 79705	Project Manager: Jamey Fowler

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
Batch P5J1003 - * DEFAULT PREP *** **										
Blank (P5J1003-BLK1)				Prepared & Analyzed: 10/10/25						
Benzene	ND	0.00100	mg/kg							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	*0.125*		"	*0.120*		*104*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.0967*		"	*0.120*		*80.6*	*80-120*			
LCS (P5J1003-BS1)				Prepared & Analyzed: 10/10/25						
Benzene	0.0944	0.00100	mg/kg	0.100		94.4	80-120		20	
Toluene	0.0991	0.00100	"	0.100		99.1	80-120		20	
Ethylbenzene	0.0988	0.00100	"	0.100		98.8	80-120		20	
Xylene (p/m)	0.185	0.00200	"	0.200		92.6	80-120		20	
Xylene (o)	0.0939	0.00100	"	0.100		93.9	80-120		20	
Surrogate: 4-Bromofluorobenzene	*0.109*		"	*0.120*		*91.1*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.129*		"	*0.120*		*107*	*80-120*			
LCS Dup (P5J1003-BSD1)				Prepared & Analyzed: 10/10/25						
Benzene	0.0947	0.00100	mg/kg	0.100		94.7	80-120	0.381	20	
Toluene	0.0987	0.00100	"	0.100		98.7	80-120	0.364	20	
Ethylbenzene	0.0986	0.00100	"	0.100		98.6	80-120	0.172	20	
Xylene (p/m)	0.186	0.00200	"	0.200		93.2	80-120	0.598	20	
Xylene (o)	0.0934	0.00100	"	0.100		93.4	80-120	0.534	20	
Surrogate: 1,4-Difluorobenzene	*0.129*		"	*0.120*		*108*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.111*		"	*0.120*		*92.4*	*80-120*			
Calibration Blank (P5J1003-CCB1)				Prepared & Analyzed: 10/10/25						
Benzene	0.00		ug/kg							
Toluene	0.00		"							
Ethylbenzene	0.0500		"							
Xylene (p/m)	0.0900		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.125*		"	*0.120*		*104*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.0992*		"	*0.120*		*82.7*	*80-120*			

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
4000 North Big Spring Street Suite 109	Project Number: CDEV:2325
Midland TX, 79705	Project Manager: Jamey Fowler

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
Batch P5J1003 - * DEFAULT PREP *** **										
Calibration Blank (P5J1003-CCB2)				Prepared: 10/10/25 Analyzed: 10/11/25						
Benzene	0.00		ug/kg							
Toluene	0.00		"							
Ethylbenzene	0.0300		"							
Xylene (p/m)	0.0700		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.125*		"	*0.120*		*104*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.0958*		"	*0.120*		*79.8*	*80-120*			*S-GC*
Calibration Check (P5J1003-CCV1)				Prepared & Analyzed: 10/10/25						
Benzene	0.0919	0.00100	mg/kg	0.100		91.9	80-120			
Toluene	0.0961	0.00100	"	0.100		96.1	80-120			
Ethylbenzene	0.0926	0.00100	"	0.100		92.6	80-120			
Xylene (p/m)	0.180	0.00200	"	0.200		90.0	80-120			
Xylene (o)	0.0919	0.00100	"	0.100		91.9	80-120			
Surrogate: 1,4-Difluorobenzene	*0.129*		"	*0.120*		*108*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.107*		"	*0.120*		*88.9*	*75-125*			
Calibration Check (P5J1003-CCV2)				Prepared: 10/10/25 Analyzed: 10/11/25						
Benzene	0.0924	0.00100	mg/kg	0.100		92.4	80-120			
Toluene	0.0965	0.00100	"	0.100		96.5	80-120			
Ethylbenzene	0.0927	0.00100	"	0.100		92.7	80-120			
Xylene (p/m)	0.180	0.00200	"	0.200		89.8	80-120			
Xylene (o)	0.0924	0.00100	"	0.100		92.4	80-120			
Surrogate: 1,4-Difluorobenzene	*0.130*		"	*0.120*		*109*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.107*		"	*0.120*		*89.3*	*75-125*			
Calibration Check (P5J1003-CCV3)				Prepared: 10/10/25 Analyzed: 10/11/25						
Benzene	0.0887	0.00100	mg/kg	0.100		88.7	80-120			
Toluene	0.0922	0.00100	"	0.100		92.2	80-120			
Ethylbenzene	0.0882	0.00100	"	0.100		88.2	80-120			
Xylene (p/m)	0.172	0.00200	"	0.200		86.1	80-120			
Xylene (o)	0.0881	0.00100	"	0.100		88.1	80-120			
Surrogate: 4-Bromofluorobenzene	*0.105*		"	*0.120*		*87.5*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.133*		"	*0.120*		*111*	*75-125*			

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
4000 North Big Spring Street Suite 109	Project Number: CDEV:2325
Midland TX, 79705	Project Manager: Jamey Fowler

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
Batch P5J1003 - * DEFAULT PREP *** **										
Matrix Spike (P5J1003-MS1)	**Source: 5J09010-10**			Prepared: 10/10/25 Analyzed: 10/11/25						
Benzene	0.0620	0.00119	mg/kg dry	0.119	ND	52.1	80-120		20	QM-05
Toluene	0.0587	0.00119	"	0.119	ND	49.3	80-120		20	QM-05
Ethylbenzene	0.0567	0.00119	"	0.119	ND	47.7	80-120		20	QM-05
Xylene (p/m)	0.116	0.00238	"	0.238	ND	48.5	80-120		20	QM-05
Xylene (o)	0.0549	0.00119	"	0.119	ND	46.1	80-120		20	QM-05
Surrogate: 1,4-Difluorobenzene	*0.158*		*"*	*0.143*		*111*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.129*		*"*	*0.143*		*90.3*	*80-120*			
Matrix Spike Dup (P5J1003-MSD1)	**Source: 5J09010-10**			Prepared: 10/10/25 Analyzed: 10/11/25						
Benzene	0.0702	0.00119	mg/kg dry	0.119	ND	59.0	80-120	12.4	20	QM-05
Toluene	0.0673	0.00119	"	0.119	ND	56.5	80-120	13.7	20	QM-05
Ethylbenzene	0.0639	0.00119	"	0.119	ND	53.7	80-120	12.0	20	QM-05
Xylene (p/m)	0.128	0.00238	"	0.238	ND	53.6	80-120	9.99	20	QM-05
Xylene (o)	0.0607	0.00119	"	0.119	ND	51.0	80-120	9.99	20	QM-05
Surrogate: 4-Bromofluorobenzene	*0.131*		*"*	*0.143*		*91.8*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.159*		*"*	*0.143*		*112*	*80-120*			
Batch P5J1004 - * DEFAULT PREP *** **										
Blank (P5J1004-BLK1)				Prepared: 10/10/25 Analyzed: 10/11/25						
Benzene	ND	0.00100	mg/kg							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	*0.0952*		*"*	*0.120*		*79.3*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.128*		*"*	*0.120*		*107*	*80-120*			

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
4000 North Big Spring Street Suite 109	Project Number: CDEV:2325
Midland TX, 79705	Project Manager: Jamey Fowler

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
Batch P5J1004 - * DEFAULT PREP *** **										
LCS (P5J1004-BS1)				Prepared: 10/10/25 Analyzed: 10/11/25						
Benzene	0.0910	0.00100	mg/kg	0.100		91.0	80-120		20	
Toluene	0.0948	0.00100	"	0.100		94.8	80-120		20	
Ethylbenzene	0.0938	0.00100	"	0.100		93.8	80-120		20	
Xylene (p/m)	0.175	0.00200	"	0.200		87.7	80-120		20	
Xylene (o)	0.0890	0.00100	"	0.100		89.0	80-120		20	
Surrogate: 4-Bromofluorobenzene	*0.109*		"	*0.120*		*90.5*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.133*		"	*0.120*		*111*	*80-120*			
LCS Dup (P5J1004-BSD1)				Prepared: 10/10/25 Analyzed: 10/11/25						
Benzene	0.0909	0.00100	mg/kg	0.100		90.9	80-120	0.110	20	
Toluene	0.0946	0.00100	"	0.100		94.6	80-120	0.127	20	
Ethylbenzene	0.0942	0.00100	"	0.100		94.2	80-120	0.383	20	
Xylene (p/m)	0.178	0.00200	"	0.200		89.0	80-120	1.54	20	
Xylene (o)	0.0893	0.00100	"	0.100		89.3	80-120	0.359	20	
Surrogate: 4-Bromofluorobenzene	*0.109*		"	*0.120*		*90.6*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.133*		"	*0.120*		*111*	*80-120*			
Calibration Blank (P5J1004-CCB1)				Prepared: 10/10/25 Analyzed: 10/11/25						
Benzene	0.00		ug/kg							
Toluene	0.00		"							
Ethylbenzene	0.0500		"							
Xylene (p/m)	0.0900		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.127*		"	*0.120*		*106*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.0943*		"	*0.120*		*78.6*	*80-120*			*S-GC*
Calibration Blank (P5J1004-CCB2)				Prepared: 10/10/25 Analyzed: 10/11/25						
Benzene	0.00		ug/kg							
Toluene	0.00		"							
Ethylbenzene	0.0400		"							
Xylene (p/m)	0.0800		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.0939*		"	*0.120*		*78.2*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.128*		"	*0.120*		*106*	*80-120*			

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
4000 North Big Spring Street Suite 109	Project Number: CDEV:2325
Midland TX, 79705	Project Manager: Jamey Fowler

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
Batch P5J1004 - * DEFAULT PREP *** **										
Calibration Check (P5J1004-CCV1)				Prepared: 10/10/25 Analyzed: 10/11/25						
Benzene	0.0887	0.00100	mg/kg	0.100		88.7	80-120			
Toluene	0.0922	0.00100	"	0.100		92.2	80-120			
Ethylbenzene	0.0882	0.00100	"	0.100		88.2	80-120			
Xylene (p/m)	0.172	0.00200	"	0.200		86.1	80-120			
Xylene (o)	0.0881	0.00100	"	0.100		88.1	80-120			
Surrogate: 1,4-Difluorobenzene	*0.133*		"	*0.120*		*111*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.105*		"	*0.120*		*87.5*	*75-125*			
Calibration Check (P5J1004-CCV2)				Prepared: 10/10/25 Analyzed: 10/11/25						
Benzene	0.0894	0.00100	mg/kg	0.100		89.4	80-120			
Toluene	0.0927	0.00100	"	0.100		92.7	80-120			
Ethylbenzene	0.0885	0.00100	"	0.100		88.5	80-120			
Xylene (p/m)	0.172	0.00200	"	0.200		85.9	80-120			
Xylene (o)	0.0881	0.00100	"	0.100		88.1	80-120			
Surrogate: 1,4-Difluorobenzene	*0.133*		"	*0.120*		*111*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.102*		"	*0.120*		*85.1*	*75-125*			
Calibration Check (P5J1004-CCV3)				Prepared: 10/10/25 Analyzed: 10/11/25						
Benzene	0.0922	0.00100	mg/kg	0.100		92.2	80-120			
Toluene	0.0950	0.00100	"	0.100		95.0	80-120			
Ethylbenzene	0.0904	0.00100	"	0.100		90.4	80-120			
Xylene (p/m)	0.176	0.00200	"	0.200		87.9	80-120			
Xylene (o)	0.0900	0.00100	"	0.100		90.0	80-120			
Surrogate: 4-Bromofluorobenzene	*0.103*		"	*0.120*		*85.7*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.133*		"	*0.120*		*111*	*75-125*			
Matrix Spike (P5J1004-MS1)	**Source: 5J09011-19**			Prepared: 10/10/25 Analyzed: 10/11/25						
Benzene	0.0706	0.00106	mg/kg dry	0.106	ND	66.3	80-120	20		QM-05
Toluene	0.0578	0.00106	"	0.106	ND	54.3	80-120	20		QM-05
Ethylbenzene	0.0262	0.00106	"	0.106	ND	24.7	80-120	20		QM-05
Xylene (p/m)	0.0418	0.00213	"	0.213	ND	19.7	80-120	20		QM-05
Xylene (o)	0.0544	0.00106	"	0.106	ND	51.1	80-120	20		QM-05
Surrogate: 4-Bromofluorobenzene	*0.108*		"	*0.128*		*84.6*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.143*		"	*0.128*		*112*	*80-120*			

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
4000 North Big Spring Street Suite 109	Project Number: CDEV:2325
Midland TX, 79705	Project Manager: Jamey Fowler

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
Batch P5J1004 - * DEFAULT PREP *** **										
Matrix Spike Dup (P5J1004-MSD1)	**Source: 5J09011-19**			Prepared: 10/10/25 Analyzed: 10/11/25						
Benzene	0.0675	0.00106	mg/kg dry	0.106	ND	63.5	80-120	4.42	20	QM-05
Toluene	0.0521	0.00106	"	0.106	ND	49.0	80-120	10.3	20	QM-05
Ethylbenzene	0.0183	0.00106	"	0.106	ND	17.2	80-120	35.7	20	QM-05
Xylene (p/m)	0.0394	0.00213	"	0.213	ND	18.5	80-120	5.94	20	QM-05
Xylene (o)	0.0519	0.00106	"	0.106	ND	48.8	80-120	4.76	20	QM-05
Surrogate: 4-Bromofluorobenzene	*0.109*		*"*	*0.128*		*85.7*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.144*		*"*	*0.128*		*112*	*80-120*			
Batch P5J1011 - * DEFAULT PREP *** **										
Blank (P5J1011-BLK1)				Prepared & Analyzed: 10/10/25						
Benzene	ND	0.00100	mg/kg							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	*0.122*		*"*	*0.120*		*102*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.115*		*"*	*0.120*		*95.8*	*80-120*			
LCS (P5J1011-BS1)				Prepared & Analyzed: 10/10/25						
Benzene	0.0995	0.00100	mg/kg	0.100		99.5	80-120		20	
Toluene	0.0929	0.00100	"	0.100		92.9	80-120		20	
Ethylbenzene	0.0888	0.00100	"	0.100		88.8	80-120		20	
Xylene (p/m)	0.176	0.00200	"	0.200		88.0	80-120		20	
Xylene (o)	0.0822	0.00100	"	0.100		82.2	80-120		20	
Surrogate: 4-Bromofluorobenzene	*0.106*		*"*	*0.120*		*88.1*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.122*		*"*	*0.120*		*101*	*80-120*			

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
4000 North Big Spring Street Suite 109	Project Number: CDEV:2325
Midland TX, 79705	Project Manager: Jamey Fowler

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
Batch P5J1011 - * DEFAULT PREP *** **										
LCS Dup (P5J1011-BSD1)				Prepared & Analyzed: 10/10/25						
Benzene	0.108	0.00100	mg/kg	0.100		108	80-120	8.16	20	
Toluene	0.108	0.00100	"	0.100		108	80-120	14.6	20	
Ethylbenzene	0.106	0.00100	"	0.100		106	80-120	18.0	20	
Xylene (p/m)	0.215	0.00200	"	0.200		107	80-120	19.8	20	
Xylene (o)	0.0959	0.00100	"	0.100		95.9	80-120	15.4	20	
Surrogate: 1,4-Difluorobenzene	*0.128*		"	*0.120*		*107*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.123*		"	*0.120*		*103*	*80-120*			
Calibration Blank (P5J1011-CCB1)				Prepared & Analyzed: 10/10/25						
Benzene	0.160		ug/kg							
Toluene	0.310		"							
Ethylbenzene	0.220		"							
Xylene (p/m)	0.600		"							
Xylene (o)	0.290		"							
Surrogate: 1,4-Difluorobenzene	*0.122*		"	*0.120*		*101*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.111*		"	*0.120*		*92.2*	*80-120*			
Calibration Check (P5J1011-CCV1)				Prepared & Analyzed: 10/10/25						
Benzene	0.0831	0.00100	mg/kg	0.100		83.1	80-120			
Toluene	0.0931	0.00100	"	0.100		93.1	80-120			
Ethylbenzene	0.0941	0.00100	"	0.100		94.1	80-120			
Xylene (p/m)	0.193	0.00200	"	0.200		96.6	80-120			
Xylene (o)	0.0908	0.00100	"	0.100		90.8	80-120			
Surrogate: 4-Bromofluorobenzene	*0.119*		"	*0.120*		*99.4*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.126*		"	*0.120*		*105*	*75-125*			
Calibration Check (P5J1011-CCV3)				Prepared & Analyzed: 10/10/25						
Benzene	0.0883	0.00100	mg/kg	0.100		88.3	80-120			
Toluene	0.0997	0.00100	"	0.100		99.7	80-120			
Ethylbenzene	0.0996	0.00100	"	0.100		99.6	80-120			
Xylene (p/m)	0.202	0.00200	"	0.200		101	80-120			
Xylene (o)	0.0947	0.00100	"	0.100		94.7	80-120			
Surrogate: 4-Bromofluorobenzene	*0.116*		"	*0.120*		*96.8*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.125*		"	*0.120*		*104*	*75-125*			

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
4000 North Big Spring Street Suite 109	Project Number: CDEV:2325
Midland TX, 79705	Project Manager: Jamey Fowler

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
Batch P5J1011 - * DEFAULT PREP *** **										
Matrix Spike (P5J1011-MS1)	**Source: 5J09011-39**			Prepared & Analyzed: 10/10/25						
Benzene	0.0916	0.00112	mg/kg dry	0.112	ND	81.6	80-120		20	
Toluene	0.0980	0.00112	"	0.112	ND	87.2	80-120		20	
Ethylbenzene	0.0858	0.00112	"	0.112	ND	76.4	80-120		20	QM-05
Xylene (p/m)	0.167	0.00225	"	0.225	ND	74.1	80-120		20	QM-05
Xylene (o)	0.0707	0.00112	"	0.112	ND	62.9	80-120		20	QM-05
Surrogate: 4-Bromofluorobenzene	*0.139*		*"*	*0.135*		*103*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.151*		*"*	*0.135*		*112*	*80-120*			
Matrix Spike Dup (P5J1011-MSD1)	**Source: 5J09011-39**			Prepared & Analyzed: 10/10/25						
Benzene	0.0927	0.00112	mg/kg dry	0.112	ND	82.5	80-120	1.18	20	
Toluene	0.0993	0.00112	"	0.112	ND	88.4	80-120	1.41	20	
Ethylbenzene	0.0904	0.00112	"	0.112	ND	80.4	80-120	5.15	20	
Xylene (p/m)	0.178	0.00225	"	0.225	ND	79.4	80-120	6.83	20	QM-05
Xylene (o)	0.0772	0.00112	"	0.112	ND	68.7	80-120	8.86	20	QM-05
Surrogate: 1,4-Difluorobenzene	*0.148*		*"*	*0.135*		*110*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.137*		*"*	*0.135*		*102*	*80-120*			

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
4000 North Big Spring Street Suite 109	Project Number: CDEV:2325
Midland TX, 79705	Project Manager: Jamey Fowler

Organics by GC - 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 P5J0910 - TX 1005										
Blank (P5J0910-BLK1)				Prepared: 10/09/25 Analyzed: 10/10/25						
Gasoline Range Organics	ND	25.0	mg/kg							
Diesel Range Organics	ND	25.0	"							
Mineral Oil Range Organics	ND	25.0	"							
Surrogate: 1-Chlorooctane	*84.8*		*"*	*100*		*84.8*	*70-130*			
Surrogate: o-Terphenyl	*50.1*		*"*	*50.0*		*100*	*70-130*			
LCS (P5J0910-BS1)				Prepared: 10/09/25 Analyzed: 10/10/25						
Gasoline Range Organics	891	25.0	mg/kg				75-125		20	
Diesel Range Organics	814	25.0	"	1000		81.4	75-125		20	
Surrogate: 1-Chlorooctane	*112*		*"*	*100*		*112*	*70-130*			
Surrogate: o-Terphenyl	*51.5*		*"*	*50.0*		*103*	*70-130*			
LCS Dup (P5J0910-BSD1)				Prepared: 10/09/25 Analyzed: 10/10/25						
Gasoline Range Organics	955	25.0	mg/kg				75-125		20	
Diesel Range Organics	842	25.0	"	1000		84.2	75-125	3.36	20	
Surrogate: 1-Chlorooctane	*114*		*"*	*100*		*114*	*70-130*			
Surrogate: o-Terphenyl	*53.8*		*"*	*50.0*		*108*	*70-130*			
Calibration Check (P5J0910-CCV1)				Prepared: 10/09/25 Analyzed: 10/10/25						
Gasoline Range Organics	467	25.0	mg/kg	500		93.3	85-115			
Diesel Range Organics	574	25.0	"	500		115	85-115			
Mineral Oil Range Organics	ND	25.0	"				0-200			
Surrogate: 1-Chlorooctane	*104*		*"*	*100*		*104*	*70-130*			
Surrogate: o-Terphenyl	*53.4*		*"*	*50.0*		*107*	*70-130*			
Calibration Check (P5J0910-CCV2)				Prepared: 10/09/25 Analyzed: 10/10/25						
Gasoline Range Organics	439	25.0	mg/kg	500		87.8	85-115			
Diesel Range Organics	571	25.0	"	500		114	85-115			
Mineral Oil Range Organics	ND	25.0	"				0-200			
Surrogate: 1-Chlorooctane	*96.3*		*"*	*100*		*96.3*	*70-130*			
Surrogate: o-Terphenyl	*51.7*		*"*	*50.0*		*103*	*70-130*			

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
4000 North Big Spring Street Suite 109	Project Number: CDEV:2325
Midland TX, 79705	Project Manager: Jamey Fowler

Organics by GC - 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 P5J0910 - TX 1005										
Calibration Check (P5J0910-CCV3)				Prepared: 10/09/25 Analyzed: 10/10/25						
Gasoline Range Organics	427	25.0	mg/kg	500		85.3	85-115			
Diesel Range Organics	431	25.0	"	500		86.1	85-115			
Mineral Oil Range Organics	ND	25.0	"				0-200			
Surrogate: 1-Chlorooctane	*95.2*		*"*	*100*		*95.2*	*70-130*			
Surrogate: o-Terphenyl	*50.6*		*"*	*50.0*		*101*	*70-130*			
Duplicate (P5J0910-DUP1)		**Source: 5J09011-17**		Prepared: 10/09/25 Analyzed: 10/10/25						
Gasoline Range Organics	ND	26.3	mg/kg dry		ND				20	
Diesel Range Organics	ND	26.3	"		ND				20	
Mineral Oil Range Organics	ND	26.3	"		ND				200	
Surrogate: 1-Chlorooctane	*86.7*		*"*	*105*		*82.3*	*70-130*			
Surrogate: o-Terphenyl	*53.7*		*"*	*52.6*		*102*	*70-130*			
Batch P5J1009 - TX 1005										
Blank (P5J1009-BLK1)				Prepared & Analyzed: 10/10/25						
Gasoline Range Organics	ND	25.0	mg/kg							
Diesel Range Organics	ND	25.0	"							
Mineral Oil Range Organics	ND	25.0	"							
Surrogate: 1-Chlorooctane	*87.3*		*"*	*100*		*87.3*	*70-130*			
Surrogate: o-Terphenyl	*51.9*		*"*	*50.0*		*104*	*70-130*			
LCS (P5J1009-BS1)				Prepared: 10/10/25 Analyzed: 10/11/25						
Gasoline Range Organics	910	25.0	mg/kg				75-125		20	
Diesel Range Organics	1050	25.0	"	1000		105	75-125		20	
Surrogate: 1-Chlorooctane	*101*		*"*	*100*		*101*	*70-130*			
Surrogate: o-Terphenyl	*51.1*		*"*	*50.0*		*102*	*70-130*			

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
4000 North Big Spring Street Suite 109	Project Number: CDEV:2325
Midland TX, 79705	Project Manager: Jamey Fowler

Organics by GC - 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 P5J1009 - TX 1005										
LCS Dup (P5J1009-BSD1)				Prepared: 10/10/25 Analyzed: 10/11/25						
Gasoline Range Organics	914	25.0	mg/kg				75-125		20	
Diesel Range Organics	1050	25.0	"	1000		105	75-125	0.202	20	
Surrogate: 1-Chlorooctane	*97.9*		*"*	*100*		*97.9*	*70-130*			
Surrogate: o-Terphenyl	*51.3*		*"*	*50.0*		*103*	*70-130*			
Calibration Check (P5J1009-CCV1)				Prepared: 10/10/25 Analyzed: 10/11/25						
Gasoline Range Organics	467	25.0	mg/kg	500		93.4	85-115			
Diesel Range Organics	484	25.0	"	500		96.7	85-115			
Mineral Oil Range Organics	ND	25.0	"				0-200			
Surrogate: 1-Chlorooctane	*94.3*		*"*	*100*		*94.3*	*70-130*			
Surrogate: o-Terphenyl	*50.9*		*"*	*50.0*		*102*	*70-130*			
Calibration Check (P5J1009-CCV2)				Prepared & Analyzed: 10/10/25						
Gasoline Range Organics	482	25.0	mg/kg	500		96.3	85-115			
Diesel Range Organics	498	25.0	"	500		99.6	85-115			
Mineral Oil Range Organics	ND	25.0	"				0-200			
Surrogate: 1-Chlorooctane	*94.7*		*"*	*100*		*94.7*	*70-130*			
Surrogate: o-Terphenyl	*53.6*		*"*	*50.0*		*107*	*70-130*			
Duplicate (P5J1009-DUP1)	**Source: 5J09011-37**			Prepared & Analyzed: 10/10/25						
Gasoline Range Organics	19.4	26.9	mg/kg dry		17.9			8.07	20	
Diesel Range Organics	ND	26.9	"		ND				20	
Mineral Oil Range Organics	ND	26.9	"		ND				200	
Surrogate: 1-Chlorooctane	*93.0*		*"*	*108*		*86.5*	*70-130*			
Surrogate: o-Terphenyl	*56.5*		*"*	*53.8*		*105*	*70-130*			
Batch P5J1010 - TX 1005										
Blank (P5J1010-BLK1)				Prepared: 10/10/25 Analyzed: 10/11/25						
Gasoline Range Organics	ND	25.0	mg/kg							
Diesel Range Organics	ND	25.0	"							
Mineral Oil Range Organics	ND	25.0	"							
Surrogate: 1-Chlorooctane	*79.2*		*"*	*100*		*79.2*	*70-130*			
Surrogate: o-Terphenyl	*49.3*		*"*	*50.0*		*98.7*	*70-130*			

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
4000 North Big Spring Street Suite 109	Project Number: CDEV:2325
Midland TX, 79705	Project Manager: Jamey Fowler

Organics by GC - 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 P5J1010 - TX 1005										
LCS (P5J1010-BS1)				Prepared & Analyzed: 10/10/25						
Gasoline Range Organics	895	25.0	mg/kg				75-125		20	
Diesel Range Organics	1020	25.0	"	1000		102	75-125		20	
Surrogate: 1-Chlorooctane	*96.3*		*"*	*100*		*96.3*	*70-130*			
Surrogate: o-Terphenyl	*49.1*		*"*	*50.0*		*98.3*	*70-130*			
LCS Dup (P5J1010-BSD1)				Prepared & Analyzed: 10/10/25						
Gasoline Range Organics	832	25.0	mg/kg				75-125		20	
Diesel Range Organics	955	25.0	"	1000		95.5	75-125	6.46	20	
Surrogate: 1-Chlorooctane	*88.3*		*"*	*100*		*88.3*	*70-130*			
Surrogate: o-Terphenyl	*46.0*		*"*	*50.0*		*92.0*	*70-130*			
Calibration Check (P5J1010-CCV1)				Prepared & Analyzed: 10/10/25						
Gasoline Range Organics	449	25.0	mg/kg	500		89.8	85-115			
Diesel Range Organics	462	25.0	"	500		92.5	85-115			
Mineral Oil Range Organics	ND	25.0	"				0-200			
Surrogate: 1-Chlorooctane	*88.4*		*"*	*100*		*88.4*	*70-130*			
Surrogate: o-Terphenyl	*50.8*		*"*	*50.0*		*102*	*70-130*			
Calibration Check (P5J1010-CCV2)				Prepared: 10/10/25 Analyzed: 10/11/25						
Gasoline Range Organics	481	25.0	mg/kg	500		96.2	85-115			
Diesel Range Organics	497	25.0	"	500		99.4	85-115			
Mineral Oil Range Organics	ND	25.0	"				0-200			
Surrogate: 1-Chlorooctane	*93.7*		*"*	*100*		*93.7*	*70-130*			
Surrogate: o-Terphenyl	*51.6*		*"*	*50.0*		*103*	*70-130*			
Duplicate (P5J1010-DUP1)	**Source: 5J09011-43**			Prepared: 10/10/25 Analyzed: 10/11/25						
Gasoline Range Organics	19.4	29.4	mg/kg dry		16.5			16.3	20	
Diesel Range Organics	ND	29.4	"		ND				20	
Mineral Oil Range Organics	ND	29.4	"		ND				200	
Surrogate: 1-Chlorooctane	*103*		*"*	*118*		*87.5*	*70-130*			
Surrogate: o-Terphenyl	*63.5*		*"*	*58.8*		*108*	*70-130*			

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
4000 North Big Spring Street Suite 109	Project Number: CDEV:2325
Midland TX, 79705	Project Manager: Jamey Fowler

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 P5J1007 - * DEFAULT PREP *** **										
Blank (P5J1007-BLK1)				Prepared & Analyzed: 10/10/25						
Chloride	ND	1.00	mg/kg							
LCS (P5J1007-BS1)				Prepared & Analyzed: 10/10/25						
Chloride	20.7		mg/kg	20.0		103	90-110		10	
LCS Dup (P5J1007-BSD1)				Prepared & Analyzed: 10/10/25						
Chloride	20.5		mg/kg	20.0		103	90-110	0.874	10	
Calibration Check (P5J1007-CCV1)				Prepared & Analyzed: 10/10/25						
Chloride	20.8		mg/kg	20.0		104	90-110			
Calibration Check (P5J1007-CCV2)				Prepared & Analyzed: 10/10/25						
Chloride	21.2		mg/kg	20.0		106	90-110			
Matrix Spike (P5J1007-MS1)		**Source: 5J09010-11**		Prepared & Analyzed: 10/10/25						
Chloride	131		mg/kg	100	5.50	126	80-120		20	QM-05
Matrix Spike (P5J1007-MS2)		**Source: 5J09011-10**		Prepared & Analyzed: 10/10/25						
Chloride	101		mg/kg	100	0.197	101	80-120		20	
Matrix Spike Dup (P5J1007-MSD1)		**Source: 5J09010-11**		Prepared & Analyzed: 10/10/25						
Chloride	132		mg/kg	100	5.50	126	80-120	0.0403	20	QM-05
Matrix Spike Dup (P5J1007-MSD2)		**Source: 5J09011-10**		Prepared & Analyzed: 10/10/25						
Chloride	101		mg/kg	100	0.197	101	80-120	0.0969	20	
Batch P5J1008 - * DEFAULT PREP *** **										
Blank (P5J1008-BLK1)				Prepared & Analyzed: 10/10/25						
% Moisture	ND	0.1	%							MOD1

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
4000 North Big Spring Street Suite 109	Project Number: CDEV:2325
Midland TX, 79705	Project Manager: Jamey Fowler

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 P5J1008 - * DEFAULT PREP *** **										
Blank (P5J1008-BLK2)				Prepared & Analyzed: 10/10/25						
% Moisture	ND	0.1	%							MOD1
Blank (P5J1008-BLK3)				Prepared & Analyzed: 10/10/25						
% Moisture	ND	0.1	%							MOD1
Duplicate (P5J1008-DUP1)		**Source: 5J09008-09**		Prepared & Analyzed: 10/10/25						
% Moisture	6.0	0.1	%		6.0			0.00	20	MOD1
Duplicate (P5J1008-DUP2)		**Source: 5J09010-09**		Prepared & Analyzed: 10/10/25						
% Moisture	7.0	0.1	%		8.0			13.3	20	MOD1
Duplicate (P5J1008-DUP3)		**Source: 5J09011-13**		Prepared & Analyzed: 10/10/25						
% Moisture	1.0	0.1	%		ND			200	20	MOD1, R
Duplicate (P5J1008-DUP4)		**Source: 5J09011-23**		Prepared & Analyzed: 10/10/25						
% Moisture	6.0	0.1	%		6.0			0.00	20	MOD1
Duplicate (P5J1008-DUP5)		**Source: 5J09011-38**		Prepared & Analyzed: 10/10/25						
% Moisture	7.0	0.1	%		7.0			0.00	20	MOD1
Duplicate (P5J1008-DUP6)		**Source: 5J09013-03**		Prepared & Analyzed: 10/10/25						
% Moisture	5.0	0.1	%		10.0			66.7	20	MOD1, R
Batch P5J1013 - * DEFAULT PREP *** **										
Blank (P5J1013-BLK1)				Prepared: 10/10/25 Analyzed: 10/11/25						
Chloride	ND	1.00	mg/kg							

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
4000 North Big Spring Street Suite 109	Project Number: CDEV:2325
Midland TX, 79705	Project Manager: Jamey Fowler

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 P5J1013 - * DEFAULT PREP *** **										
LCS (P5J1013-BS1)				Prepared: 10/10/25 Analyzed: 10/11/25						
Chloride	21.8		mg/kg	20.0		109	90-110		10	
LCS Dup (P5J1013-BSD1)				Prepared: 10/10/25 Analyzed: 10/11/25						
Chloride	22.0		mg/kg	20.0		110	90-110	0.584	10	
Calibration Check (P5J1013-CCV1)				Prepared: 10/10/25 Analyzed: 10/11/25						
Chloride	22.0		mg/kg	20.0		110	90-110			
Calibration Check (P5J1013-CCV2)				Prepared: 10/10/25 Analyzed: 10/11/25						
Chloride	22.0		mg/kg	20.0		110	90-110			
Matrix Spike (P5J1013-MS1)		**Source: 5J09011-20**		Prepared: 10/10/25 Analyzed: 10/11/25						
Chloride	138		mg/kg	100	36.6	101	80-120		20	
Matrix Spike (P5J1013-MS2)		**Source: 5J09011-30**		Prepared: 10/10/25 Analyzed: 10/11/25						
Chloride	109		mg/kg	100	9.13	100	80-120		20	
Matrix Spike Dup (P5J1013-MSD1)		**Source: 5J09011-20**		Prepared: 10/10/25 Analyzed: 10/11/25						
Chloride	138		mg/kg	100	36.6	101	80-120	0.0486	20	
Matrix Spike Dup (P5J1013-MSD2)		**Source: 5J09011-30**		Prepared: 10/10/25 Analyzed: 10/11/25						
Chloride	111		mg/kg	100	9.13	102	80-120	1.55	20	
Batch P5J1314 - * DEFAULT PREP *** **										
Blank (P5J1314-BLK1)				Prepared & Analyzed: 10/13/25						
Chloride	ND	1.00	mg/kg							

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
4000 North Big Spring Street Suite 109	Project Number: CDEV:2325
Midland TX, 79705	Project Manager: Jamey Fowler

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 P5J1314 - * DEFAULT PREP *** **										
LCS (P5J1314-BS1)				Prepared & Analyzed: 10/13/25						
Chloride	20.2		mg/kg	20.0		101	90-110		10	
LCS Dup (P5J1314-BSD1)				Prepared & Analyzed: 10/13/25						
Chloride	20.3		mg/kg	20.0		102	90-110	0.657	10	
Calibration Check (P5J1314-CCV1)				Prepared & Analyzed: 10/13/25						
Chloride	20.6		mg/kg	20.0		103	90-110			
Calibration Check (P5J1314-CCV2)				Prepared & Analyzed: 10/13/25						
Chloride	20.5		mg/kg	20.0		103	90-110			
Matrix Spike (P5J1314-MS1)		**Source: 5J09011-37**		Prepared & Analyzed: 10/13/25						
Chloride	104		mg/kg	100	1.71	103	80-120		20	
Matrix Spike (P5J1314-MS2)		**Source: 5J10004-04**		Prepared: 10/13/25 Analyzed: 10/14/25						
Chloride	126		mg/kg	100	24.1	101	80-120		20	
Matrix Spike Dup (P5J1314-MSD1)		**Source: 5J09011-37**		Prepared & Analyzed: 10/13/25						
Chloride	105		mg/kg	100	1.71	103	80-120	0.583	20	
Matrix Spike Dup (P5J1314-MSD2)		**Source: 5J10004-04**		Prepared: 10/13/25 Analyzed: 10/14/25						
Chloride	125		mg/kg	100	24.1	101	80-120	0.0614	20	

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
4000 North Big Spring Street Suite 109	Project Number: CDEV:2325
Midland TX, 79705	Project Manager: Jamey Fowler

Notes and Definitions

S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
ROI	Received on Ice
R	The RPD exceeded the method control limit. The individual analyte QA/QC recoveries, however, were within acceptance limits.
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.
MOD1	Analysis performed by modified method
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: Raland K Tuttle Date: 10/14/2025

Raland Tuttle, Laboratory Manager/Technical Director

Tellus Consulting, LLC	Project: Apollo Runway Frac Line
4000 North Big Spring Street Suite 109	Project Number: CDEV:2325
Midland TX, 79705	Project Manager: Jamey Fowler

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

L: _____ CH: _____ W: _____

Permian Basin Environmental Lab, LP
1400 Rankin HWY
Midland, Texas 79701
Phone: 432-686-7235

Project Manager: Jamey Fowler
Company Name: Tellus
Company Address: 4000 N Big Spring
City/State/Zip: Midland TX 79705
Telephone No: 432-557-0934 **Fax No:**
Sampler Signature: Jose Bellor

Project Name: Apollo Runway Frac line
Project #: EV-2325
Project Loc: Eddy, CO
PO #:
Report Format: ☐ Standard ☐ TRRP ☐ NPDES
e-mail: Jamey@Tellusservices.com

(lab use only)
ORDER #: 5J09011

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW=Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP: TOTAL: TPH TX 1005	TPH 8015 GRO/DRO/MRO	Chloride 300	BTEX 8021B	BTEX	Chlorides	TPH-gro mro dro	RUSH TAT (Pre-Schedule) 24, 48, 72 h	Standard TAT
1	H-1 @ Surface	5'	5	10-8-25	1038		1	X								S					X	X	X		X
2	H-2 @ Surface				1041																				
3	H-3 @ Surface				1044																				
4	H-4 @ Surface				1047																				
5	H-5 @ Surface				1050																				
6	H-6 @ Surface				1053																				
7	H-7 @ Surface				1057																				
8	H-8 @ Surface				1100																				
9	H-9 @ Surface				1103																				
10	H-10 @ Surface	⊥	⊥	⊥	1107		⊥	⊥								⊥					⊥	⊥	⊥		⊥

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	10				
Eduardo Bellor	10/9/25	13:59			
			Received by PBEL: [signature]	10/9/25	13:59

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered by Sampler/Client Rep. ?	Y	N

by Courier? UPS BIL Fed Ex Lone Star

Temperature Upon Receipt: Received: 4.3 °C Thermometer: NCE3
Adjusted: °C Factor:

Page 1 of 5

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

L: _____ CH: _____ W: _____

Permian Basin Environmental Lab, LP
1400 Rankin HWY
Midland, Texas 79701
Phone: 432-686-7235

Project Manager: Jamey Fowler
Company Name: Tellus
Company Address: 4000 N Big Spring
City/State/Zip: Midland TX 79705
Telephone No: 432-557-0934
Fax No:
Sampler Signature: Jose Bellor
e-mail: Jamey@Tellusservices.com

Project Name: Apollo Runway Frac line
Project #: EV-2325
Project Loc: Eddy, CO
PO #:
Report Format: ☐ Standard ☐ TRRP ☐ NPDES

(lab use only)
ORDER #: 5J09011

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge	GW = Groundwater S=Soil/Solid	NP=Non-Potable Specify Other	Analyze For: TPH TX 1005	TPH 8015 GRO/DRO/MRO	Chloride 300	BTEX 8021B	BTEX	Chlorides	TPH-gro mro dro	RUSH TAT (Pre-Schedule) 24, 48, 72 h	Standard TAT
11	H-11 @ Surface	S	S	10-8-25	1110		1	X								S						X	X	X	X	
12	H-12 @ Surface				1113																					X
13	H-13 @ Surface				1118																					
14	V-1 @ Surface				0832																					
15	V-2 @ Surface				0839																					
16	V-3 @ Surface				0848																					
17	V-4 @ Surface				0856																					
18	V-5 @ Surface				0906																					
19	V-6 @ Surface				0913																					
20	V-7 @ Surface				0922		1																				

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Eduardo Bellor	10/9/25	13:59			
			Received by PBELab: Yesenia Bledsoe	10/9/25	13:59

Laboratory Comments:
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N
Labels on container(s) Y N
Custody seals on container(s) Y N
Custody seals on cooler(s) Y N
Sample Hand Delivered by Sampler/Client Rep. ? Y N
by Courier? UPS DHL FedEx Lone Star
Temperature Upon Receipt: Received: 4.3 °C Thermometer: NCF L3
Adjusted: °C Factor:

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

L: _____ CH: _____ W: _____

Permian Basin Environmental Lab, LP
1400 Rankin HWY
Midland, Texas 79701
Phone: 432-686-7235

Project Manager: Jamey Fowler
Company Name: Tellus
Company Address: 4000 N Big Spring
City/State/Zip: Midland TX 79705
Telephone No: 432-557-0934
Fax No:
Sampler Signature: Jose Bellor
e-mail: Jamey@Tellusservices.com

Project Name: Apollo Runway Frac line
Project #: Ev-2325
Project Loc: Eddy, CO
PO #:
Report Format: ☐ Standard ☐ TRRP ☐ NPDES

(lab use only)
ORDER #: 550~~50~~ TB 9011

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: Ice	HNO3	HCl	H2SO4	NaOH	Na2S2O3	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge	GW = Groundwater S=Soil/Solid	NP=Non-Potable Specify Othe	Analyze For: TCLP: TOTAL: TPH: TX 1005	TPH 8015 GRO/DRO/MRO	Chloride 300	BTEX 8021B	BTEX	Chlorides	TPH-gro mro dro	RUSH TAT (Pre-Schedule) 24, 48, 72 h	Standard TAT
21	V-8 @ Surface	5	5	10-8-25	0928		1	X								S						X	X	X		X
22	V-9 @ Surface				0937																					
23	V-10 @ Surface				0943																					
24	V-11 @ Surface				0951																					
25	V-12 @ Surface				1001																					
26	V-13 @ Surface				1010																					
27	V-14 @ Surface				1019																					
28	V-15 @ Surface	5	5		1026																					
29	V-1 @ 1'	1'	1'		0835																					
30	V-2 @ 2'	2'	2'	"	0843		1	"								"						"	"	"		"

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Jose Bellor					
Eduardo Bellor	10/9/25	13:59			
			Received by PBEL: Jessa Bludsoe	10/9/25	13:59

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered by Sampler/Client Rep. ?	Y	N

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt: Received: 4.3 °C Thermometer: NC L3 Adjusted: °C Factor:

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

L: _____ CH: _____ W: _____

Permian Basin Environmental Lab, LP
1400 Rankin HWY
Midland, Texas 79701
Phone: 432-686-7235

Project Manager: Jamey Fowler
Company Name: Tellus
Company Address: 4000 N Big Spring
City/State/Zip: Midland TX 79705
Telephone No: 432-557-0934
Fax No: _____
Sampler Signature: Jose Bellor
e-mail: Jamey@Tellusservices.com

Project Name: Apollo Runway Frac line
Project #: Ev-2325
Project Loc: Eddy, CO
PO #: _____
Report Format: ☐ Standard ☐ TRRP ☐ NPDES

(lab use only)
ORDER #: 5J09011

Analyze For:

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge	GW = Groundwater S=Soil/Solid	NP=Non-Potable Specify Other	TPH TX 1005	TPH 8015 GRO/DRO/MRO	Chloride 300	BTEX 8021B	BTex	Chlorides	TPH-gro mro dro	RUSH TAT (Pre-Schedule) 24, 48, 72 h	Standard TAT
31	V-3 @1'	1'	1'	10-8-25	0851		1	X								S							X	X	X		X
32	V-4 @2'	2'	2'		0859																						
33	V-5 @2'	2'	2'		0910																						
34	V-6 @2'	2'	2'		0917																						
35	V-7 @2'	2'	2'		0926																						
36	V-8 @2'	2'	2'		0933																						
37	V-9 @1'	1'	1'		0940																						
38	V-10 @1'	1'	1'		0947																						
39	V-11 @2'	2'	2'		0955																						
40	V-12 @2'	2'	2'	—	1006		1	1								1						1	1	1		1	

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Jose Bellor					
Eduardo Bellor	10/9/25	13:59			
			Received by PBELab: Teresa Bludso	10/9/25	13:59

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered by Sampler/Client Rep. ?	Y	N
by Courier? UPS DHL FedEx Lone Star		

Temp Blank Upon Receipt: Received: 4.3 °C Thermometer ID: NCF3
Adjusted: °C Factor:

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

L: CH: W:

Permian Basin Environmental Lab, LP
1400 Rankin HWY
Midland, Texas 79701
Phone: 432-686-7235

Project Manager: Jamey Fowler
Company Name: Tellus
Company Address: 4000 N Big Spring
City/State/Zip: Midland TX 79705
Telephone No: 432-557-0934
Fax No:
Sampler Signature: Jose Bellor
e-mail: Jamey@Tellusservices.com

Project Name: Apollo Runway Frac line
Project #: EV-2325
Project Loc: Eddy, CO
PO #:
Report Format: ☐ Standard ☐ TRRP ☐ NPDES

(lab use only)
ORDER #: 5J09011

Analyze For:
TCLP:
TOTAL:

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: Ice	HNO3	HCl	H2SO4	NaOH	Na2S2O3	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge / GW = Groundwater S=Soil/Solid / NP=Non-Potable Specify Othe	TPH: TX 1005	TPH 8015 GRO/DRO/MRO	Chloride 300	BTEX 8021B	BTeX	Chlorides	TPH-gro mRodro	RUSH TAT (Pre-Schedule) 24, 48, 72 h	Standard TAT
41	V-13@2'	2'	2'	10-8-25	1015		1	X								S				X	X	X	X	X
42	V-14@1'10"	1'10"	1'10"		1022																			
43	V-15@1'6"	1'6"	1'6"		1030																			

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Jose Bellor					
Eduardo Bellor	10/9/25	13:59			
			Received by PBEL: Alexa Bledsoe	10/9/25	13:59

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered by Sampler/Client Rep. ?	Y	N

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt: Received: 4.3 °C Thermometer: NF 13
Adjusted: °C Factor:

Page 5 of 5

APENDICES

Appendix D – NMOCD Communication

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

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 511787
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source *Please answer all the questions in this group.*	
Site Name	Apollo Runway Frac Line
Date Release Discovered	09/28/2025
Surface Owner	State

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

Nature and Volume of Release *Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.*	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	Cause: Equipment Failure | Pipeline (Any) | Produced Water | Released: 253 BBL | Recovered: 3 BBL | Lost: 250 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	*Not answered.*

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

QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 511787
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

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

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*
Per Paragraph 4 of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.	

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

ACKNOWLEDGMENTS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 511787
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

☑	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
☑	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29.
☑	I acknowledge that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative approval of a release notification and corrective action", pursuant to NMAC 19.15.29.
☑	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.
☑	I acknowledge the fact that 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.
☑	I acknowledge the fact that, 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.

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

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 511787
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
c.walker	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	10/4/2025

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

QUESTIONS

Action 512237

QUESTIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 512237
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2527734297**
Incident Name	**NAPP2527734297 APOLLO RUNWAY FRAC LINE @ E-10-23S-26E**
Incident Type	**Produced Water Release**
Incident Status	**Notification Accepted**

Location of Release Source	
Site Name	**Apollo Runway Frac Line**
Date Release Discovered	**09/28/2025**
Surface Owner	**State**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	71,155
What is the estimated number of samples that will be gathered	30
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/08/2025
Time sampling will commence	08:00 AM
Warning: Notification can not be less than two business days prior to conducting final sampling.	
Please provide any information necessary for observers to contact samplers	Jamey Fowler - 432.557.0934
Please provide any information necessary for navigation to sampling site	GPS Coordinates (32.321533, -104.287105)

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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

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 512237
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jbroom	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	10/4/2025
jbroom	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	10/4/2025

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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

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 512238
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2527734297**
Incident Name	**NAPP2527734297 APOLLO RUNWAY FRAC LINE @ E-10-23S-26E**
Incident Type	**Produced Water Release**
Incident Status	**Notification Accepted**

Location of Release Source	
Site Name	**Apollo Runway Frac Line**
Date Release Discovered	**09/28/2025**
Surface Owner	**State**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	71,155
What is the estimated number of samples that will be gathered	30
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/09/2025
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Jamey Fowler, 432.557.0934
Please provide any information necessary for navigation to sampling site	GPS Coordinates (32.321533, -104.287105)

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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

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 512238
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jbroom	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	10/4/2025
jbroom	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	10/4/2025

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

QUESTIONS

Action 512239

QUESTIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 512239
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2527734297**
Incident Name	**NAPP2527734297 APOLLO RUNWAY FRAC LINE @ E-10-23S-26E**
Incident Type	**Produced Water Release**
Incident Status	**Notification Accepted**

Location of Release Source	
Site Name	**Apollo Runway Frac Line**
Date Release Discovered	**09/28/2025**
Surface Owner	**State**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	71,155
What is the estimated number of samples that will be gathered	30
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/10/2025
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Jamey Fowler, 432.557.0934
Please provide any information necessary for navigation to sampling site	GPS Coordinates (32.321533, -104.287105)

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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

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 512239
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jbroom	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	10/4/2025
jbroom	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	10/4/2025

SPILL VOLUME CALCULATIONS

INPUT DATA:

(click "Reset Page" button to return all values to zero)

Total Area Calculations

Total Surface Area					saturated soil depth		% oil
Known Area #1	0	acres	or	71,155	sq. ft.	3 in	0%
Known Area #2	0	acres	or	0	sq. ft.	0 in	0%
Known Area #3	0	acres	or	0	sq. ft.	0 in	0%
Known Area #4	0	acres	or	0	sq. ft.	0 in	0%
	width			length			
Rectangle Area #1	0	ft		0	ft	0 in	0%
Rectangle Area #2	0	ft		0	ft	0 in	0%
Rectangle Area #3	0	ft		0	ft	0 in	0%
Rectangle Area #4	0	ft		0	ft	0 in	0%
	diameter					saturated soil depth	% oil
Circle Area #1	0	ft				0 in	0%
Circle Area #2	0	ft				0 in	0%
Circle Area #3	0	ft				0 in	0%
Circle Area #4	0	ft				0 in	0%

Standing Liquid Calculations

(leave blank if 100% of free liquid has been recovered)

Total Surface Area					liquid depth	% oil
Known Area #1	0	acres	or	0 sq. ft.	0 in	0%
Known Area #2	0	acres	or	0 sq. ft.	0 in	0%
Known Area #3	0	acres	or	0 sq. ft.	0 in	0%
Known Area #4	0	acres	or	0 sq. ft.	0 in	0%
	width			length		
Rectangle Area #1	0	ft		0 ft	0 in	0%
Rectangle Area #2	0	ft		0 ft	0 in	0%
Rectangle Area #3	0	ft		0 ft	0 in	0%
Rectangle Area #4	0	ft		0 ft	0 in	0%
	diameter				liquid depth	% oil
Circle Area #1	0	ft			0 in	0%
Circle Area #2	0	ft			0 in	0%
Circle Area #3	0	ft			0 in	0%
Circle Area #4	0	ft			0 in	0%

Amount of Free Liquid Recovered: bbl

Percentage of Oil in Free Liquid Recovered: 0%

Liquid Holding Factor*: 0.08 gal liquid/gal soil

(see below)

Use the following when the spill wets the grains of the soil.

* sand = .08 gallon liquid per gallon volume of soil.
* gravelly (caliche) loam = .14 gallon liquid per gallon volume of soil.
* sandy clay loam soil = .14 gallon liquid per gallon volume of soil.
* clay loam = .16 gallon liquid per gallon volume of soil.

Use the following when the liquid completely fills the pore space of the soil:

Occurs when the spill soaked soil is contained by barriers, natural (or not).

* gravelly (caliche) loam = .25 gallon liquid per gallon volume of soil.
* sandy loam = .5 gallon liquid per gallon volume of soil.

OUTPUT DATA:

Saturated Soil Volume Calculations

Total Contaminated Volume:	17,788.8	cu. ft.	658.8	yds.

Estimated Volumes Spilled

	Water		Oil	
Liquid in Soil:	253.4	BBL	0.0	BBL
Free Liquid:	0.0	BBL	0.0	BBL
Free Liquid Recovered:	0.0	BBL	0.0	BBL
Total Liquid Spilled:	**253.4**	**BBL**	**0.0**	**BBL**
	10,644.7	**gal**	**0.0**	**gal**

Free Liquid Volume Calculations

	Water		Oil	
Total Free Liquid:	0.0	BBL	0.0	BBL

Estimated Surface Damage

Surface Area:	71,155.0	sq. ft.
Surface Area:	1.6	acres

Recovered Volumes

Estimated oil recovered:	0.0	BBL
Estimated water recovered:	0.0	BBL

Sante Fe Main Office
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General Information
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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

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 513476
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2527734297**
Incident Name	**NAPP2527734297 APOLLO RUNWAY FRAC LINE @ E-10-23S-26E**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Received**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Apollo Runway Frac Line
Date Release Discovered	09/28/2025
Surface Owner	State

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	Cause: Equipment Failure | Pipeline (Any) | Produced Water | Released: 253 BBL | Recovered: 3 BBL | Lost: 250 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	*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 (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 513476
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**Yes**
Reasons why this would be considered a submission for a notification of a major release	**From paragraph A. "Major release" determine using:** **(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.**

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

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*

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

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

I hereby agree and sign off to the above statement	Name: Connor Walker Title: Senior Engineer Email: cwalker@mewbourne.com Date: 10/08/2025

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QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 513476
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	*Not answered.*
What method was used to determine the depth to ground water	*Not answered.*
Did this release impact groundwater or surface water	*Not answered.*
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	*Not answered.*
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	*Not answered.*
An occupied permanent residence, school, hospital, institution, or church	*Not answered.*
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	*Not answered.*
Any other fresh water well or spring	*Not answered.*
Incorporated municipal boundaries or a defined municipal fresh water well field	*Not answered.*
A wetland	*Not answered.*
A subsurface mine	*Not answered.*
An (non-karst) unstable area	*Not answered.*
Categorize the risk of this well / site being in a karst geology	*Not answered.*
A 100-year floodplain	*Not answered.*
Did the release impact areas not on an exploration, development, production, or storage site	*Not answered.*

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	No
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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CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 513476
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	None	10/9/2025

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QUESTIONS

Action 537087

QUESTIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 537087
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2527734297**
Incident Name	**NAPP2527734297 APOLLO RUNWAY FRAC LINE @ E-10-23S-26E**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Plan Received**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Apollo Runway Frac Line
Date Release Discovered	09/28/2025
Surface Owner	State

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	Cause: Equipment Failure | Pipeline (Any) | Produced Water | Released: 253 BBL | Recovered: 3 BBL | Lost: 250 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	*Not answered.*

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QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 537087
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

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

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	n/a
Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.	

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

I hereby agree and sign off to the above statement	Name: Jeff Broom Title: Environmental Rep Email: jbroom@mewbourne.com Date: 12/23/2025

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QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 537087
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 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	Between ½ and 1 (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 1000 (ft.) and ½ (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between ½ and 1 (mi.)
Any other fresh water well or spring	Between ½ and 1 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between ½ and 1 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between ½ and 1 (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Between ½ and 1 (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 associated 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)	40700
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	205
GRO+DRO (EPA SW-846 Method 8015M)	138
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
On what estimated date will the remediation commence	01/12/2026
On what date will (or did) the final sampling or liner inspection occur	03/02/2026
On what date will (or was) the remediation complete(d)	03/09/2026
What is the estimated surface area (in square feet) that will be reclaimed	71155
What is the estimated volume (in cubic yards) that will be reclaimed	4500
What is the estimated surface area (in square feet) that will be remediated	71155
What is the estimated volume (in cubic yards) that will be remediated	4500
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.	
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 537087
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

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	fEEM0112334510 HALFWAY DISPOSAL AND LANDFILL
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	*Not answered.*
OR is the **off-site** disposal site, to be used, an NMED facility	*Not answered.*
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	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.	
I hereby agree and sign off to the above statement	Name: Jeff Broom Title: Environmental Rep Email: jbroom@mewbourne.com Date: 12/23/2025
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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QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 537087
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

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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QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 537087
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**512239**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**10/10/2025**
What was the (estimated) number of samples that were to be gathered	**30**
What was the sampling surface area in square feet	**71155**

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	No

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CONDITIONS

Operator:	OGRID:
MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	14744
	Action Number: 537087
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	The Remediation Plan is Conditionally Approved. All samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. Floor confirmation samples should be delineated/excavated to meet closure criteria standards for site assessment/characterization/proven depth to water determination. If nearby wells are used to determine depth to groundwater, the wells should be no further than ½ mile away from the site, data must be no more than 25 years old, and well construction information must be provided. Since evidence of depth to ground water within a ½ mile radius of the site cannot be provided and the release is in an area designated as Medium Karst, impacted soils will need to meet Table 1 Closure Criteria for ground water at a depth of 50 feet or less.	1/21/2026
scott.rodgers	Sidewall samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. Confirmation samples should be collected every 200 ft2. All off pad areas must meet reclamation standards set forth in the OCD Spill Rule. The work will need to occur in 90 days after the work plan has been reviewed.	1/21/2026