



RECLAMATION CLOSURE REPORT

PREPARED FOR:
DEVON ENERGY PRODUCTION, LP.

PREPARED BY:
PIMA ENVIRONMENTAL SERVICES, LLC.

May 15th, 2025
PIMA ENVIRONMENTAL SERVICES, LLC.
5614 N LOVINGTON HWY, HOBBS, NM 88240



NMOCD District 2
811 S First St.
Artesia, NM 88210

Bureau of Land Management
620 E Green St.
Carlsbad, NM 88220

RE: RECLAMATION CLOSURE REPORT

LOCATION: Allied 7 Federal #001

API NUMBER: 30-015-25900

GPS: 32.7638435, -103.9067764

INCIDENT LOCATION: UL- G. Section 07, T18S, R31E

COUNTY: Eddy

NMOCD REF. NO. NAPP2312548979

Pima Environmental Services, LLC (Pima) has been contracted by Devon Energy Production Company, LP (Devon) to prepare the Reclamation Closure Report for the Allied 7 Federal #001 site (hereafter referred to as the "Allied"). This report provides a comprehensive overview of the site's history, details the reclamation activities that have been undertaken to date, and outlines a proposed plan for ongoing vegetation monitoring.

SITE CHARACTERIZATION

The Allied is located approximately five (5) miles southeast of Loco Hills, NM. This spill site is in Unit G, Section 07, Township 18S, Range 31E, Latitude 32.7638435 Longitude -103.9067764, Eddy County, NM. Figure 1 references a Location Map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is made up interlayered eolian sands and piedmont-slope deposits along the eastern flank of the Pecos River valley, primarily between Roswell and Carlsbad. Typically capped by thin eolian deposits. The soil in this area is made up of Kermit-Berino fine sands, 0 to 3 percent slopes, according to the United States Department of Agriculture Natural Resources Conservation Service soil survey (Appendix B). The drainage class in this area is excessively drained. There is a low potential for karst geology to be present around the Allied (Figure 3). A Topographic Map can be referenced in Figure 2.

Based on the well water data from the New Mexico Office of the State Engineer water well (CP-02042- POD 1), the depth to the nearest groundwater in this vicinity measures 55 feet below grade surface (BGS), positioned 0.25 of a mile away from the Allied, drilled, February 5, 2025. Conversely, as per the United States Geological Survey well water data (USGS324913103403501), the nearest groundwater depth in this region is recorded at 177 feet BGS, situated approximately 13.83 miles away from the Allied, with the last gauge conducted in 2024. The nearest water feature is a Salt Playa located approximately 6.71 miles to the southwest of this site. For detailed references to water surveys and the precise locations of water wells, please refer to Appendix A, inclusive of the relevant maps.



SITE CONDITIONS AND HISTORY

NAPP2312548979

On May 4, 2023, a pinhole leak on a 2" flowline from the wellhead was discovered by a LO. The leak caused fluid to release on the pad. The released fluids were calculated to be approximately 0.5 of a barrel (bbls) of produced water. No standing fluids were able to be recovered due to being soaked into the ground.

While incident NAPP2312548979 was being addressed, depth to groundwater was classified as <50' BGS due to lack of groundwater data.

On May 8, 2023, Pima Environmental conducted a site assessment and obtained soil samples. The laboratory results of this sampling event can be found in Figure 4. Analytical Laboratory Reports can be found in Appendix D. Photographic Documentation can be found in Appendix C.

On June 21, 2023, Pima personnel returned to the site to further delineate S-2 area. Laboratory results of this sampling event can be found in Figure 4. Analytical Laboratory Reports can be found in Appendix D. Photographic Documentation can be found in Appendix C.

On August 28, 2023, the Devon Construction Department mobilized personnel and equipment to begin immediate remediation activities. They began by excavating the area to a depth of 2' and 4' BGS. Pima personnel collected samples to verify all contaminated soil had been removed. The contaminated soil (14 cubic yards) was hauled to Lea Land, an approved, lined disposal facility and clean backfill material was brought in.

On August 30, 2023, after sending a 48-hour notification (Appendix C), Pima returned to the site to collect confirmation samples of the excavation. The results of this sampling event can be found in Figure 4. Analytical Laboratory Reports can be found in Appendix D. Photographic Documentation can be found in Appendix C.

The sample results were below NMOCD Closure Criteria 19.15.29 NMAC. Based on these findings, no additional remediation activities were required at this location. The excavation was then backfilled with clean like material, machine compacted and contoured to match the surrounding terrain. See appendix D for Photographic Documentation.

A Remediation Closure Report (Application ID: 265461), was submitted to the NMOCD on September 14, 2023, for approval.

On February 7, 2024, Incident ID: NAPP2312548979, was approved by the NMOCD.

RECLAMATION ACTIVITIES

On May 1, 2025, Pima personnel returned to the site to collect samples from backfilled areas. The results of this sampling event can be found in Figure 4. Analytical Laboratory Reports can be found in Appendix D. Photographic Documentation can be found in Appendix C.

The areas of concern do not require reclamation at this time as the conditions of the areas that were reported to have been affected were non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg and TPH concentrations less than 100 mg/kg. To support this the Laboratory Analytical Reports are available in



Appendix D. Furthermore, Photographic Documentation to prove that the ground has not been affected is available in Appendix C.

RECLAMATION OF THE SITE

Regarding reclamation of the site, Devon Energy will carry out reclamation activities and seeding of the site within 25 years or immediately after the site is no longer needed for production and/or subsequent drilling operations, whichever comes sooner.

REQUEST OF APPROVAL

After careful review, Pima requests that this Reclamation Closure Report for the Alley Cat 17 CTB 3, incident ID NAPP2312548979, be approved.

Should you have any questions or need additional information, please feel free to contact:

Devon Energy Production – Jim Raley at 575-689-7597 or jim.rale@dn.com.

Pima Environmental – Lynsey Coons at 575-318-7532 or lynsey@pimaoil.com.

Respectfully,

Lynsey Coons

Lynsey Coons

Project Manager

Pima Environmental Services, LLC



Pima Environmental Services, LLC
5614 N Lovington Hwy, Hobbs, NM 88240
575-964-7740 | www.pimaoil.com

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ATTACHMENTS

FIGURES:

- 1- Location Map
- 2- Topographic Map
- 3- Karst Map
- 4- Data Tables
- 5- Site Map
- 6- Confirmation Sample Map

APPENDICES:

Appendix A – Water Surveys, Surface Water Map

Appendix B – Soil Survey, Geological Data, FEMA Flood Map, Wetlands Map

Appendix C – 48-Hour Notification, Photographic Documentation

Appendix D – Laboratory Results



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FIGURES

- 1- Location Map
- 2- Topographic Map
- 3- Karst Map
- 4- Data Tables
- 5- Site Map
- 6- Confirmation Sample Map





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DEVON ENERGY PRODUCTION, LP.

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Devon energy
API # : 30-015-25900
Eddy County, NM
NAPP2312548979
Location Map

Legend

-  5.71 miles southeast of Loco Hills
-  ALLIED 7 FEDERAL #001




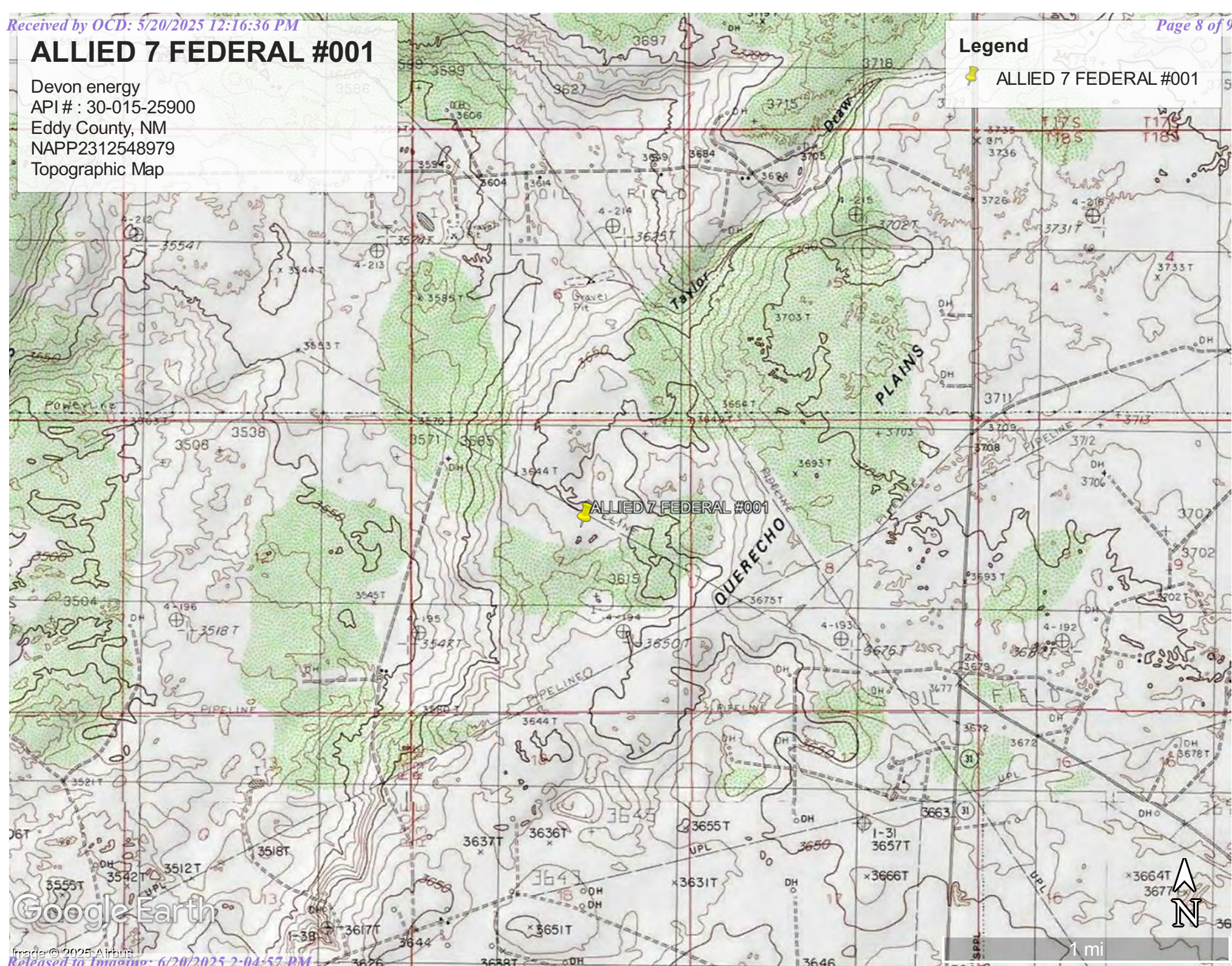
Google Earth

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API # : 30-015-25900
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Topographic Map

Legend

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Google Earth

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Karst Map

Legend

-  ALLIED 7 FEDERAL #001
-  High Karst
-  Low Karst
-  Medium Karst

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Google Earth

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3 mi

Assessment Data Tables



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NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
DEVON ENERGY Allied 7 Federal #001								
Date: 5-8-23		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	CI mg/kg
S1	1'	6.89	0.0483	113	2140	850	3109.9383	23.9
	2'	ND	ND	ND	196	95.1	291.1	ND
	3'	ND	ND	ND	54.8	ND	54.8	ND
	4'	ND	ND	ND	43.7	ND	43.7	ND
S2	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	154	69.7	223.7	ND
	3'	ND	ND	ND	36.9	ND	36.9	ND
	4'	ND	ND	ND	168	81.8	249.8	ND
SW-1	6"	ND	ND	ND	ND	ND	0	ND
SW-2	6"	ND	ND	ND	ND	ND	0	ND
SW-3	6"	ND	ND	ND	ND	ND	0	ND
SW-4	6"	ND	ND	ND	ND	ND	0	ND
BG-1	6"	ND	ND	ND	ND	ND	0	ND

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
DEVON ENERGY Allied 7 Federal #001								
Date: 6-21-23		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
S2	5'	ND	ND	ND	ND	ND	0	ND
	6'	ND	ND	ND	ND	ND	0	ND

Confirmation Data Tables



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NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')									
DEVON ENERGY Allied 7 Federal #0001									
NM Approved Laboratory Results									
Sample ID	Sample Date	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	CI mg/kg
CS1 Bottoms	8/30/2025	2.5	ND	ND	ND	ND	ND	0	ND
CS2 Bottoms		4.5	ND	ND	ND	ND	ND	0	ND
CSW1		2.5	ND	ND	ND	ND	ND	0	ND
CSW2		2.5	ND	ND	ND	ND	ND	0	ND
CSW3		4.5	ND	ND	ND	ND	ND	0	ND
CSW4		4.5	ND	ND	ND	ND	ND	0	ND

Backfill Data Tables



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


DEVON ENERGY PRODUCTION, LP.

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
DEVON ENERGY Allied Federal 7 #001								
Date: 5-1-25		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
BACKFILL 1	COMP	ND	ND	ND	ND	ND	ND	ND

Allied 7 Federal #001

Devon Energy
API:30-015-25900
Eddy County, NM
Site Map

Legend



-  Allied 7 Federal #1
-  Background/Sidewalls
-  Samples
-  Spill area 137 sqft




Allied 7 Federal #001

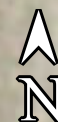
Devon Energy
API:30-015-25900
Eddy County, NM
Confirmation Sample Map

Legend

-  Allied 7 Federal #1
-  Confirmation Samples

CSW3
CS2
CSW4
CSW2
CS1
CSW1

Allied 7 Federal #1 



70 ft

APPENDIX A

OSE Water Survey

USGS Water Survey

Surface Water Map



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Point of Diversion Summary

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

quarters are smallest to largest

NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
NA	CP 02042 POD1	NE	NW	SE	07	18S	31E	602417.3	3625230.8	

* UTM location was derived from PLSS - see Help

Driller License:	1862	Driller Company:	H&R ENTERPRISES, LLC
Driller Name:	JAMES HAWLEY		
Drill Start Date:	2025-02-05	Drill Finish Date:	2025-02-05
Log File Date:	2025-03-13	PCW Rcv Date:	
Pump Type:		Pipe Discharge Size:	
Casing Size:		Depth Well:	55
		Depth Water:	

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

ALLIED 7 FEDERAL #001

Devon energy
API # : 30-015-25900
Eddy County, NM
NAPP2312548979
OSE POD Map

Legend

- 0.25 miles
- ALLIED 7 FEDERAL #001
- CP 02042 POD1

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CP 02042 POD1

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1000 ft



[USGS Home](#)
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National Water Information System: Web Interface

USGS Water Resources

Data Category:

Groundwater

Geographic Area:

United States

GO

Click to hide News Bulletins

- Explore the *NEW* [USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.

Groundwater levels for the Nation



Important: [Next Generation Monitoring Location Page](#)

Search Results -- 1 sites found

site_no list =

- 324913103403501

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 324913103403501 17S.33E.20.24132 244

Available data for this site

Groundwater: Field measurements

GO

Lea County, New Mexico

Hydrologic Unit Code 13070007

Latitude 32°49'20.4", Longitude 103°40'46.1" NAD83

Land-surface elevation 4,173.00 feet above NGVD29

This well is completed in the High Plains aquifer (N100HGHPLN) national aquifer.

This well is completed in the Ogallala Formation (121OGLL) local aquifer.

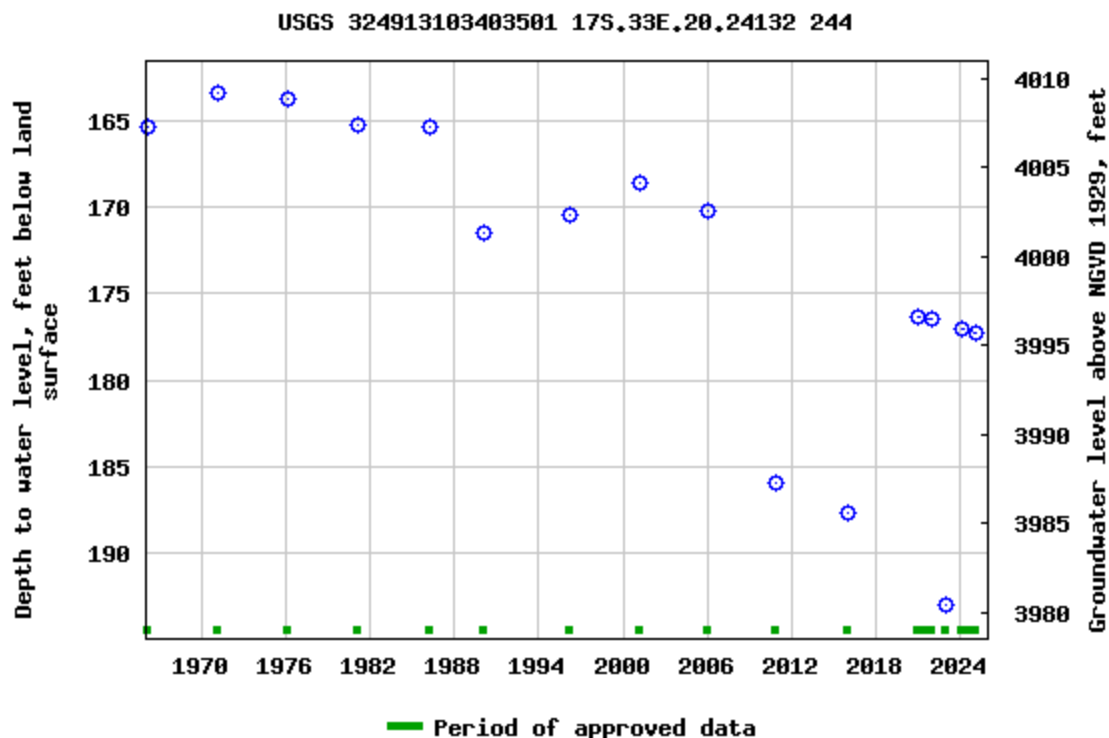
Output formats

[Table of data](#)

[Tab-separated data](#)

[Graph of data](#)

[Reselect period](#)



Breaks in the plot represent a gap of at least one year between field measurements.
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Title: Groundwater for USA: Water Levels

URL: <https://nwis.waterdata.usgs.gov/nwis/gwlevels?>



Page Contact Information: [USGS Water Data Support Team](#)




Page Last Modified: 2025-05-12 13:03:38 EDT

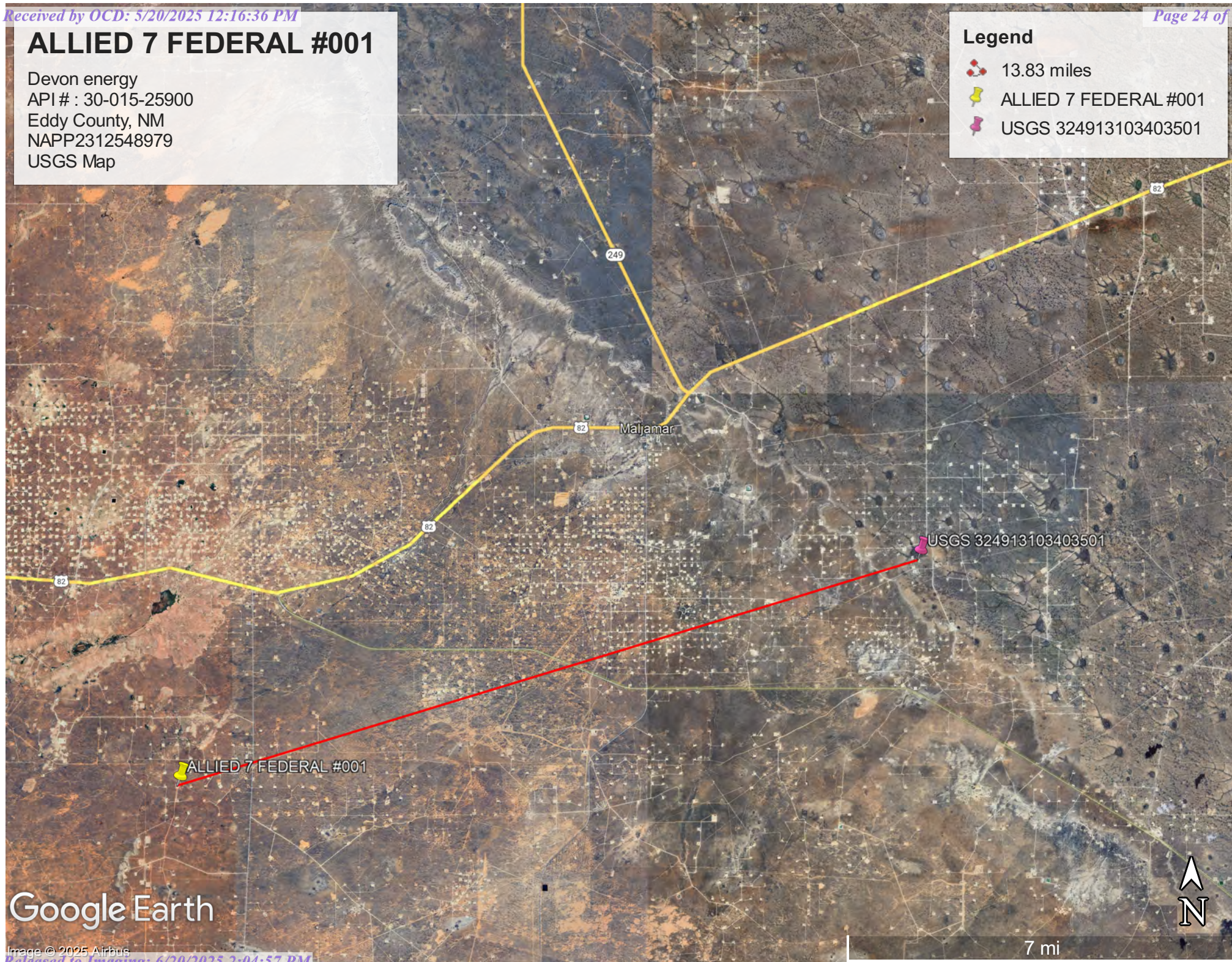
0.7 0.55 nadww01

ALLIED 7 FEDERAL #001

Devon energy
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Eddy County, NM
NAPP2312548979
USGS Map

Legend

-  13.83 miles
-  ALLIED 7 FEDERAL #001
-  USGS 324913103403501



Google Earth


Image © 2025 Airbus


7 mi

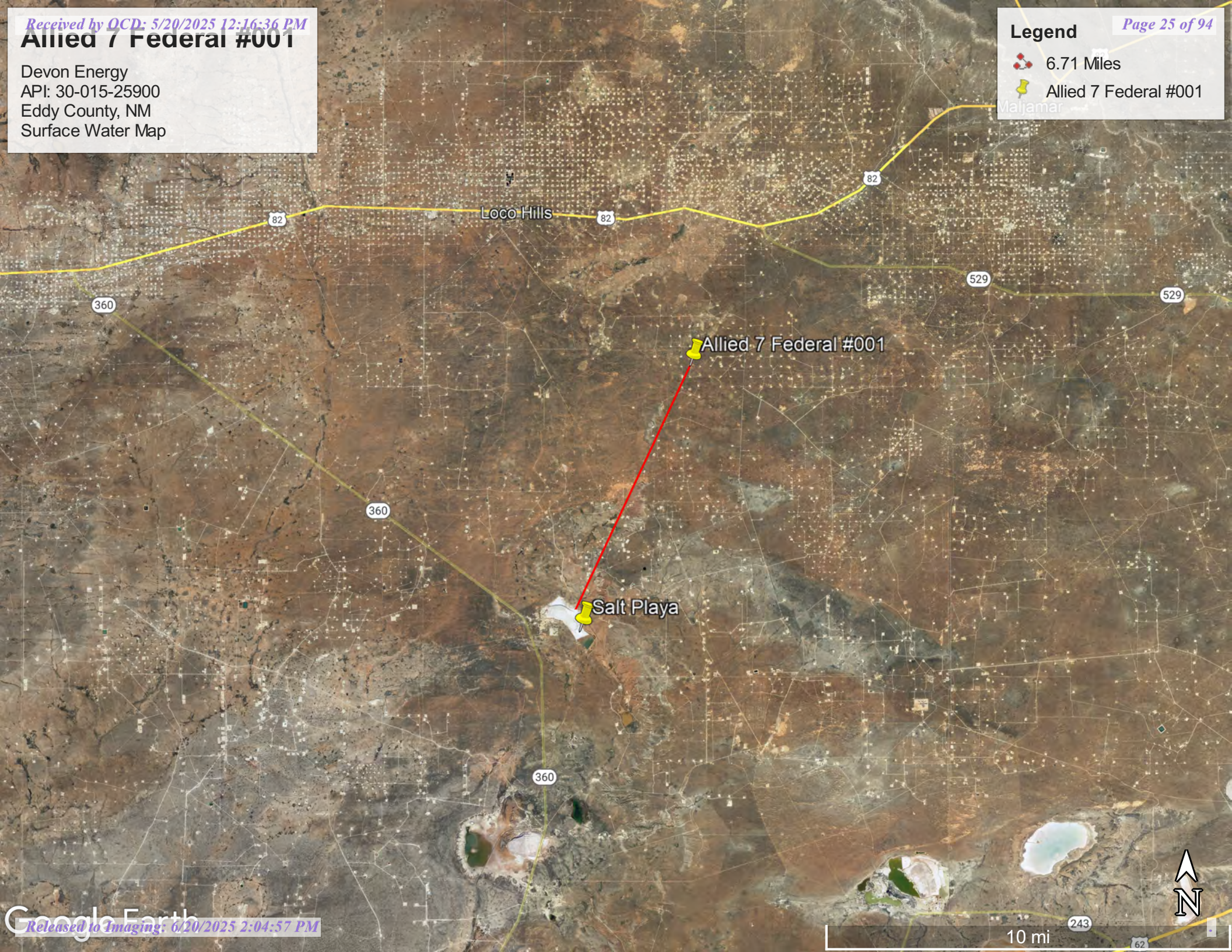
Allied 7 Federal #001

Devon Energy
API: 30-015-25900
Eddy County, NM
Surface Water Map

Legend

 6.71 Miles

 Allied 7 Federal #001



APPENDIX B

Soil Survey & Geological Data

Geologic Unit Map

FEMA Flood Map

Wetlands Map



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Map Unit Description: Kermit-Berino fine sands, 0 to 3 percent slopes---Eddy Area, New Mexico

Eddy Area, New Mexico

KM—Kermit-Berino fine sands, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w4q

Elevation: 3,100 to 4,200 feet

Mean annual precipitation: 10 to 14 inches

Mean annual air temperature: 60 to 64 degrees F

Frost-free period: 190 to 230 days

Farmland classification: Not prime farmland

Map Unit Composition

Kermit and similar soils: 50 percent

Berino and similar soils: 35 percent

Minor components: 15 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Kermit

Setting

Landform: Plains, alluvial fans

Landform position (three-dimensional): Talf, rise

Down-slope shape: Convex, linear

Across-slope shape: Linear

Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 7 inches: fine sand

H2 - 7 to 60 inches: fine sand

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Excessively drained

Runoff class: Negligible

Capacity of the most limiting layer to transmit water (Ksat): Very high (20.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Maximum salinity: Nonsaline (0.0 to 1.0 mmhos/cm)

Sodium adsorption ratio, maximum: 1.0

Available water supply, 0 to 60 inches: Low (about 3.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7e

Hydrologic Soil Group: A

Ecological site: R070BD005NM - Deep Sand

Hydric soil rating: No

Map Unit Description: Kermit-Berino fine sands, 0 to 3 percent slopes---Eddy Area, New Mexico

Description of Berino

Setting

Landform: Plains, fan piedmonts
Landform position (three-dimensional): Riser
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 17 inches: fine sand
H2 - 17 to 50 inches: fine sandy loam
H3 - 50 to 58 inches: loamy sand

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 slightly saline (2.0 to 4.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Moderate (about 7.2 inches)

Interpretive groups

Land capability classification (irrigated): 4e
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: B
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Minor Components

Active dune land

Percent of map unit: 15 percent
Hydric soil rating: No

Data Source Information


Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 20, Sep 3, 2024

Soil Map—Eddy Area, New Mexico



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 20, Sep 3, 2024

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

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

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

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
KM	Kermit-Berino fine sands, 0 to 3 percent slopes	1.2	100.0%
Totals for Area of Interest		1.2	100.0%

(<https://www.usgs.gov/>)

Mineral Resources (<https://www.usgs.gov/energy-and-minerals/mineral-resources-program>)
/ Online Spatial Data (/) / Geology (/geology/) / by state (/geology/state/)
/ New Mexico (/geology/state/state.php?state=NM)

Eolian and piedmont deposits

XML (/geology/state/xml/NMQep;0) JSON (/geology/state/json/NMQep;0)

Shapefile (/geology/state/unit-shape.php?unit=NMQep;0)

Interlayered eolian sands and piedmont-slope deposits along the eastern flank of the Pecos River valley, primarily between Roswell and Carlsbad. Typically capped by thin eolian deposits.

State	New Mexico (/geology/state/state.php?state=NM)
Name	Eolian and piedmont deposits
Geologic age	Holocene to middle Pleistocene
Lithologic constituents	Major Unconsolidated (Eolian) Interlayered eolian sands and piedmont-slope deposits
References	New Mexico Bureau of Geology and Mineral Resources, 2003, Geologic Map of New Mexico, scale 1:500,000 (includes some new polygons, faults, and attributes not in NM001 - heads up digitizing by JHorton).
NGMDB product	NGMDB product page for 22974 (https://ngmdb.usgs.gov/Prodesc/proddesc_22974.htm)
Counties	Chaves (/geology/state/fips-unit.php?code=f35005) - DeBaca (/geology/state/fips-unit.php?code=f35011) - Eddy (/geology/state/fips-unit.php?code=f35015) - Lea (/geology/state/fips-unit.php?code=f35025) - Roosevelt (/geology/state/fips-unit.php?code=f35041)

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No Fear Act (<https://www.doi.gov/pmb/eeo/no-fear-act>) | FOIA (<https://www2.usgs.gov/foia>)

ALLIED 7 FEDERAL #001

Devon energy
API # : 30-015-25900
Eddy County, NM
NAPP2312548979
Geological Map

Legend

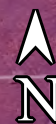
-  ALLIED 7 FEDERAL #001
-  Eolian and piedmont deposits
-  Quartermaster and Rustler Formations

ALLIED 7 FEDERAL #001

Google Earth

Image © 2025 Airbus

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2 mi

National Flood Hazard Layer FIRMette



103°54'43"W 32°46'5"N



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

1:6,000

103°54'6"W 32°45'35"N

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 B
		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 X
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 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
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



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

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

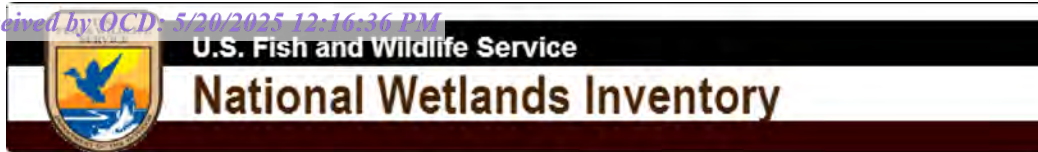
The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 5/12/2025 at 5:07 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by 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.

Released to Imaging: 6/20/2025 2:04:57 PM

Received by OCD: 5/12/2025 12:16:36 PM

Page 35 of 94



Wetlands Map



May 12, 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.

APPENDIX C

48-Hour Notification

Photographic Documentation



Pima Environmental Services, LLC
5614 N Lovington Hwy, Hobbs, NM 88240
575-964-7740 | www.pimaoil.com

DEVON ENERGY PRODUCTION, LP.



Gio PimaOil <gio@pimaoil.com>

48 Hour Notification -Allied Fed 7 Battery– NAPP2312548979

1 message

Gio PimaOil <gio@pimaoil.com>

Mon, Aug 28, 2023 at 3:00 PM

To: ocdonline@state.nm.us, Tom Pima Oil <tom@pimaoil.com>

Cc: Audry Pima Oil <audry@pimaoil.com>

Good Afternoon,

Pima Environmental would like to notify you that we will begin collecting confirmation samples at the **Allied Fed 7 Battery** for incident **NAPP2312548979**. Pima personnel **are scheduled** to be on site for this sampling event at approximately 4:00 p.m. on Wednesday, August 30, 2023. If you have any questions or concerns, please let me know. Thank you.

--

Gio Gomez

Project Manager

cell-806-782-1151

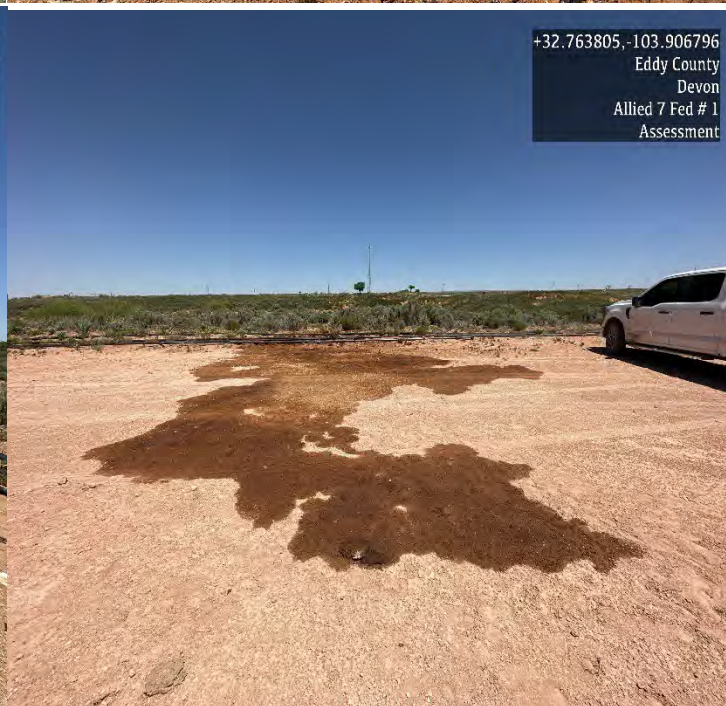
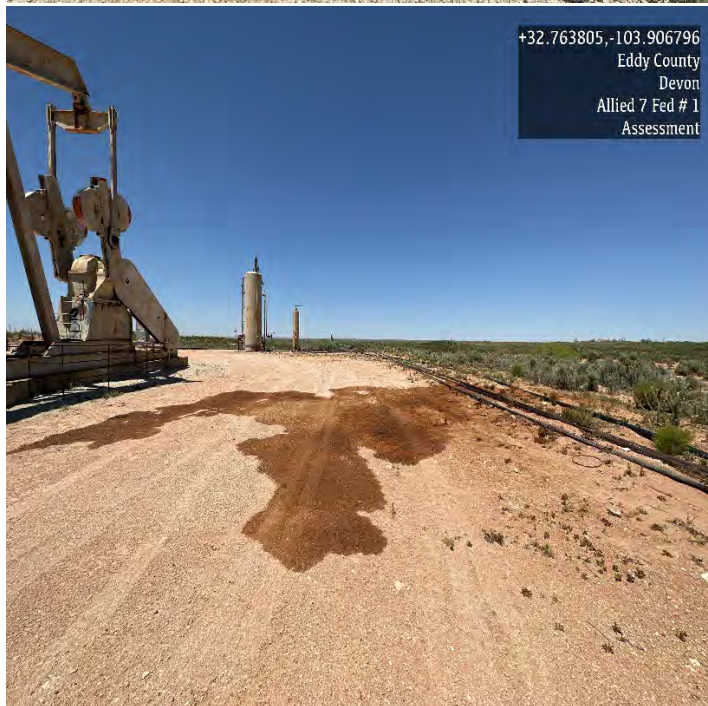
Office- 575-964-7740

Pima Environmental Services, LLC.



**SITE PHOTOGRAPHS
DEVON ENERGY
ALLIED 7 FEDERAL #001**

Site Assessment





Excavation





32.763862, -103.906784
Eddy County
Devon
Allied Fed 7
Excavation



32.763845, -103.906898
Eddy County
Devon
Allied Fed 7
Excavation



32.763788, -103.906755
Eddy County
Devon
Allied Fed 7
Excavation



Post Excavation



APPENDIX D

Laboratory Results



Pima Environmental Services, LLC
5614 N Lovington Hwy, Hobbs, NM 88240
575-964-7740 | www.pimaoil.com

DEVON ENERGY PRODUCTION, LP.

Report to:
Tom Bynum



5796 U.S. Hwy 64
Farmington, NM 87401

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



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Allied Federal

Work Order: E305058

Job Number: 01058-0007

Received: 5/10/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/16/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 5/16/23

Tom Bynum
PO Box 247
Plains, TX 79355-0247



Project Name: Allied Federal
Workorder: E305058
Date Received: 5/10/2023 8:27:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/10/2023 8:27:00AM, under the Project Name: Allied Federal.

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

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

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

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

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area
Lynn Jarboe
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Allied Federal	Reported: 05/16/23 11:32
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1 - 1'	E305058-01A	Soil	05/08/23	05/10/23	Glass Jar, 2 oz.
S1 - 2'	E305058-02A	Soil	05/08/23	05/10/23	Glass Jar, 2 oz.
S1 - 3'	E305058-03A	Soil	05/08/23	05/10/23	Glass Jar, 2 oz.
S1 - 4'	E305058-04A	Soil	05/08/23	05/10/23	Glass Jar, 2 oz.
S2 - 1'	E305058-05A	Soil	05/08/23	05/10/23	Glass Jar, 2 oz.
S2 - 2'	E305058-06A	Soil	05/08/23	05/10/23	Glass Jar, 2 oz.
S2 - 3'	E305058-07A	Soil	05/08/23	05/10/23	Glass Jar, 2 oz.
S2 - 4'	E305058-08A	Soil	05/08/23	05/10/23	Glass Jar, 2 oz.
SW-1	E305058-09A	Soil	05/08/23	05/10/23	Glass Jar, 2 oz.
SW-2	E305058-10A	Soil	05/08/23	05/10/23	Glass Jar, 2 oz.
SW-3	E305058-11A	Soil	05/08/23	05/10/23	Glass Jar, 2 oz.
SW-4	E305058-12A	Soil	05/08/23	05/10/23	Glass Jar, 2 oz.
BG-1	E305058-13A	Soil	05/08/23	05/10/23	Glass Jar, 2 oz.



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Allied Federal Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 5/16/2023 11:32:35AM
---	--	--

S1 - 1'

E305058-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2319038	
Benzene	0.0483	0.0250	1	05/10/23	05/11/23	
Ethylbenzene	3.58	0.0250	1	05/10/23	05/11/23	
Toluene	2.31	0.0250	1	05/10/23	05/11/23	
o-Xylene	2.18	0.0250	1	05/10/23	05/11/23	
p,m-Xylene	4.71	0.0500	1	05/10/23	05/11/23	
Total Xylenes	6.89	0.0250	1	05/10/23	05/11/23	
Surrogate: 4-Bromochlorobenzene-PID	96.9 %	70-130		05/10/23	05/11/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2319038	
Gasoline Range Organics (C6-C10)	113	20.0	1	05/10/23	05/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	103 %	70-130		05/10/23	05/11/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2319047	
Diesel Range Organics (C10-C28)	2140	250	10	05/11/23	05/11/23	
Oil Range Organics (C28-C36)	850	500	10	05/11/23	05/11/23	
Surrogate: n-Nonane	112 %	50-200		05/11/23	05/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2319068	
Chloride	23.9	20.0	1	05/12/23	05/15/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Allied Federal
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/16/2023 11:32:35AM

S1 - 2'

E305058-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2319038	
Benzene	ND	0.0250	1	05/10/23	05/15/23	
Ethylbenzene	ND	0.0250	1	05/10/23	05/15/23	
Toluene	ND	0.0250	1	05/10/23	05/15/23	
o-Xylene	ND	0.0250	1	05/10/23	05/15/23	
p,m-Xylene	ND	0.0500	1	05/10/23	05/15/23	
Total Xylenes	ND	0.0250	1	05/10/23	05/15/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.2 %	70-130		05/10/23	05/15/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2319038	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/10/23	05/15/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.8 %	70-130		05/10/23	05/15/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2319047	
Diesel Range Organics (C10-C28)	196	25.0	1	05/11/23	05/11/23	
Oil Range Organics (C28-C36)	95.1	50.0	1	05/11/23	05/11/23	
<i>Surrogate: n-Nonane</i>						
	103 %	50-200		05/11/23	05/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2319068	
Chloride	ND	20.0	1	05/12/23	05/15/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Allied Federal
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/16/2023 11:32:35AM

S1 - 3'

E305058-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2319038	
Benzene	ND	0.0250	1	05/10/23	05/11/23	
Ethylbenzene	0.0500	0.0250	1	05/10/23	05/11/23	
Toluene	ND	0.0250	1	05/10/23	05/11/23	
o-Xylene	ND	0.0250	1	05/10/23	05/11/23	
p,m-Xylene	ND	0.0500	1	05/10/23	05/11/23	
Total Xylenes	ND	0.0250	1	05/10/23	05/11/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	88.8 %	70-130		05/10/23	05/11/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2319038	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/10/23	05/11/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	96.5 %	70-130		05/10/23	05/11/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2319047	
Diesel Range Organics (C10-C28)	54.8	25.0	1	05/11/23	05/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/11/23	05/11/23	
<i>Surrogate: n-Nonane</i>	103 %	50-200		05/11/23	05/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2319068	
Chloride	ND	20.0	1	05/12/23	05/15/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Allied Federal
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/16/2023 11:32:35AM

S1 - 4'

E305058-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2319038
Benzene	ND	0.0250	1	05/10/23	05/11/23	
Ethylbenzene	ND	0.0250	1	05/10/23	05/11/23	
Toluene	ND	0.0250	1	05/10/23	05/11/23	
o-Xylene	ND	0.0250	1	05/10/23	05/11/23	
p,m-Xylene	ND	0.0500	1	05/10/23	05/11/23	
Total Xylenes	ND	0.0250	1	05/10/23	05/11/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.7 %	70-130		05/10/23	05/11/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2319038
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/10/23	05/11/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.6 %	70-130		05/10/23	05/11/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2319047
Diesel Range Organics (C10-C28)	43.7	25.0	1	05/11/23	05/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/11/23	05/11/23	
<i>Surrogate: n-Nonane</i>						
	103 %	50-200		05/11/23	05/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2319068
Chloride	ND	20.0	1	05/12/23	05/15/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Allied Federal
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/16/2023 11:32:35AM

S2 - 1'

E305058-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2319038	
Benzene	ND	0.0250	1	05/10/23	05/12/23	
Ethylbenzene	ND	0.0250	1	05/10/23	05/12/23	
Toluene	ND	0.0250	1	05/10/23	05/12/23	
o-Xylene	ND	0.0250	1	05/10/23	05/12/23	
p,m-Xylene	ND	0.0500	1	05/10/23	05/12/23	
Total Xylenes	ND	0.0250	1	05/10/23	05/12/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.4 %	70-130		05/10/23	05/12/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2319038	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/10/23	05/12/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.2 %	70-130		05/10/23	05/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2319047	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/11/23	05/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/11/23	05/11/23	
<i>Surrogate: n-Nonane</i>						
	104 %	50-200		05/11/23	05/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2319068	
Chloride	ND	20.0	1	05/12/23	05/15/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Allied Federal
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/16/2023 11:32:35AM

S2 - 2'

E305058-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2319038	
Benzene	ND	0.0250	1	05/10/23	05/12/23	
Ethylbenzene	ND	0.0250	1	05/10/23	05/12/23	
Toluene	ND	0.0250	1	05/10/23	05/12/23	
o-Xylene	ND	0.0250	1	05/10/23	05/12/23	
p,m-Xylene	ND	0.0500	1	05/10/23	05/12/23	
Total Xylenes	ND	0.0250	1	05/10/23	05/12/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.6 %	70-130		05/10/23	05/12/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2319038	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/10/23	05/12/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.4 %	70-130		05/10/23	05/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2319047	
Diesel Range Organics (C10-C28)	154	25.0	1	05/11/23	05/11/23	
Oil Range Organics (C28-C36)	69.7	50.0	1	05/11/23	05/11/23	
<i>Surrogate: n-Nonane</i>						
	103 %	50-200		05/11/23	05/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2319068	
Chloride	ND	20.0	1	05/12/23	05/15/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Allied Federal
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/16/2023 11:32:35AM

S2 - 3'

E305058-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2319038	
Benzene	ND	0.0250	1	05/10/23	05/11/23	
Ethylbenzene	ND	0.0250	1	05/10/23	05/11/23	
Toluene	ND	0.0250	1	05/10/23	05/11/23	
o-Xylene	ND	0.0250	1	05/10/23	05/11/23	
p,m-Xylene	ND	0.0500	1	05/10/23	05/11/23	
Total Xylenes	ND	0.0250	1	05/10/23	05/11/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.8 %	70-130		05/10/23	05/11/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2319038	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/10/23	05/11/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.2 %	70-130		05/10/23	05/11/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2319047	
Diesel Range Organics (C10-C28)	36.9	25.0	1	05/11/23	05/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/11/23	05/11/23	
<i>Surrogate: n-Nonane</i>						
	102 %	50-200		05/11/23	05/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2319068	
Chloride	ND	20.0	1	05/12/23	05/15/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Allied Federal
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/16/2023 11:32:35AM

S2 - 4'

E305058-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2319038	
Benzene	ND	0.0250	1	05/10/23	05/12/23	
Ethylbenzene	ND	0.0250	1	05/10/23	05/12/23	
Toluene	ND	0.0250	1	05/10/23	05/12/23	
o-Xylene	ND	0.0250	1	05/10/23	05/12/23	
p,m-Xylene	ND	0.0500	1	05/10/23	05/12/23	
Total Xylenes	ND	0.0250	1	05/10/23	05/12/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.9 %	70-130		05/10/23	05/12/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2319038	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/10/23	05/12/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.1 %	70-130		05/10/23	05/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2319047	
Diesel Range Organics (C10-C28)	168	25.0	1	05/11/23	05/11/23	
Oil Range Organics (C28-C36)	81.8	50.0	1	05/11/23	05/11/23	
<i>Surrogate: n-Nonane</i>						
	105 %	50-200		05/11/23	05/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2319068	
Chloride	ND	20.0	1	05/12/23	05/15/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Allied Federal
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/16/2023 11:32:35AM

SW-1

E305058-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2319038
Benzene	ND	0.0250	1	05/10/23	05/12/23	
Ethylbenzene	ND	0.0250	1	05/10/23	05/12/23	
Toluene	ND	0.0250	1	05/10/23	05/12/23	
o-Xylene	ND	0.0250	1	05/10/23	05/12/23	
p,m-Xylene	ND	0.0500	1	05/10/23	05/12/23	
Total Xylenes	ND	0.0250	1	05/10/23	05/12/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.6 %	70-130		05/10/23	05/12/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2319038
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/10/23	05/12/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.0 %	70-130		05/10/23	05/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2319047
Diesel Range Organics (C10-C28)	ND	25.0	1	05/11/23	05/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/11/23	05/11/23	
<i>Surrogate: n-Nonane</i>						
	108 %	50-200		05/11/23	05/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2319068
Chloride	ND	20.0	1	05/12/23	05/15/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Allied Federal
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/16/2023 11:32:35AM

SW-2

E305058-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2319038	
Benzene	ND	0.0250	1	05/10/23	05/12/23	
Ethylbenzene	ND	0.0250	1	05/10/23	05/12/23	
Toluene	ND	0.0250	1	05/10/23	05/12/23	
o-Xylene	ND	0.0250	1	05/10/23	05/12/23	
p,m-Xylene	ND	0.0500	1	05/10/23	05/12/23	
Total Xylenes	ND	0.0250	1	05/10/23	05/12/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.0 %	70-130		05/10/23	05/12/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2319038	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/10/23	05/12/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.1 %	70-130		05/10/23	05/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2319047	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/11/23	05/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/11/23	05/11/23	
<i>Surrogate: n-Nonane</i>						
	103 %	50-200		05/11/23	05/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2319068	
Chloride	ND	20.0	1	05/12/23	05/15/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Allied Federal
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/16/2023 11:32:35AM

SW-3

E305058-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2319038
Benzene	ND	0.0250	1	05/10/23	05/12/23	
Ethylbenzene	ND	0.0250	1	05/10/23	05/12/23	
Toluene	ND	0.0250	1	05/10/23	05/12/23	
o-Xylene	ND	0.0250	1	05/10/23	05/12/23	
p,m-Xylene	ND	0.0500	1	05/10/23	05/12/23	
Total Xylenes	ND	0.0250	1	05/10/23	05/12/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.3 %	70-130		05/10/23	05/12/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2319038
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/10/23	05/12/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.7 %	70-130		05/10/23	05/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2319047
Diesel Range Organics (C10-C28)	ND	25.0	1	05/11/23	05/12/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/11/23	05/12/23	
<i>Surrogate: n-Nonane</i>						
	103 %	50-200		05/11/23	05/12/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2319068
Chloride	ND	20.0	1	05/12/23	05/15/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Allied Federal
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/16/2023 11:32:35AM

SW-4

E305058-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2319038	
Benzene	ND	0.0250	1	05/10/23	05/12/23	
Ethylbenzene	ND	0.0250	1	05/10/23	05/12/23	
Toluene	ND	0.0250	1	05/10/23	05/12/23	
o-Xylene	ND	0.0250	1	05/10/23	05/12/23	
p,m-Xylene	ND	0.0500	1	05/10/23	05/12/23	
Total Xylenes	ND	0.0250	1	05/10/23	05/12/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.4 %	70-130		05/10/23	05/12/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2319038	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/10/23	05/12/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.6 %	70-130		05/10/23	05/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2319047	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/11/23	05/12/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/11/23	05/12/23	
<i>Surrogate: n-Nonane</i>						
	103 %	50-200		05/11/23	05/12/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2319068	
Chloride	ND	20.0	1	05/12/23	05/15/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Allied Federal
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/16/2023 11:32:35AM

BG-1

E305058-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2319038
Benzene	ND	0.0250	1	05/10/23	05/12/23	
Ethylbenzene	ND	0.0250	1	05/10/23	05/12/23	
Toluene	ND	0.0250	1	05/10/23	05/12/23	
o-Xylene	ND	0.0250	1	05/10/23	05/12/23	
p,m-Xylene	ND	0.0500	1	05/10/23	05/12/23	
Total Xylenes	ND	0.0250	1	05/10/23	05/12/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		91.2 %	70-130	05/10/23	05/12/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2319038
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/10/23	05/12/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		97.5 %	70-130	05/10/23	05/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2319047
Diesel Range Organics (C10-C28)	ND	25.0	1	05/11/23	05/12/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/11/23	05/12/23	
<i>Surrogate: n-Nonane</i>						
		102 %	50-200	05/11/23	05/12/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2319068
Chloride	ND	20.0	1	05/12/23	05/15/23	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Allied Federal	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/16/2023 11:32:35AM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2319038-BLK1)

Prepared: 05/10/23 Analyzed: 05/11/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.54		8.00		94.2	70-130			

LCS (2319038-BS1)

Prepared: 05/10/23 Analyzed: 05/11/23

Benzene	3.99	0.0250	5.00		79.9	70-130			
Ethylbenzene	4.10	0.0250	5.00		82.0	70-130			
Toluene	4.20	0.0250	5.00		84.0	70-130			
o-Xylene	4.23	0.0250	5.00		84.6	70-130			
p,m-Xylene	8.34	0.0500	10.0		83.4	70-130			
Total Xylenes	12.6	0.0250	15.0		83.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.73		8.00		96.6	70-130			

Matrix Spike (2319038-MS1)

Source: E305058-07

Prepared: 05/10/23 Analyzed: 05/11/23

Benzene	4.59	0.0250	5.00	ND	91.7	54-133			
Ethylbenzene	4.78	0.0250	5.00	ND	95.7	61-133			
Toluene	4.87	0.0250	5.00	ND	97.4	61-130			
o-Xylene	4.92	0.0250	5.00	ND	98.4	63-131			
p,m-Xylene	9.70	0.0500	10.0	ND	97.0	63-131			
Total Xylenes	14.6	0.0250	15.0	ND	97.5	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.66		8.00		95.7	70-130			

Matrix Spike Dup (2319038-MSD1)

Source: E305058-07

Prepared: 05/10/23 Analyzed: 05/11/23

Benzene	4.64	0.0250	5.00	ND	92.8	54-133	1.16	20	
Ethylbenzene	4.80	0.0250	5.00	ND	96.1	61-133	0.439	20	
Toluene	4.91	0.0250	5.00	ND	98.2	61-130	0.821	20	
o-Xylene	4.96	0.0250	5.00	ND	99.2	63-131	0.797	20	
p,m-Xylene	9.72	0.0500	10.0	ND	97.2	63-131	0.172	20	
Total Xylenes	14.7	0.0250	15.0	ND	97.9	63-131	0.383	20	
Surrogate: 4-Bromochlorobenzene-PID	7.61		8.00		95.1	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Allied Federal	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/16/2023 11:32:35AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2319038-BLK1) Prepared: 05/10/23 Analyzed: 05/11/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.63		8.00		95.3	70-130			

LCS (2319038-BS2) Prepared: 05/10/23 Analyzed: 05/11/23

Gasoline Range Organics (C6-C10)	45.7	20.0	50.0		91.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.54		8.00		94.3	70-130			

Matrix Spike (2319038-MS2) Source: E305058-07 Prepared: 05/10/23 Analyzed: 05/11/23

Gasoline Range Organics (C6-C10)	47.6	20.0	50.0	ND	95.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.68		8.00		96.1	70-130			

Matrix Spike Dup (2319038-MSD2) Source: E305058-07 Prepared: 05/10/23 Analyzed: 05/11/23

Gasoline Range Organics (C6-C10)	47.0	20.0	50.0	ND	94.0	70-130	1.15	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.74		8.00		96.7	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Allied Federal	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/16/2023 11:32:35AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2319047-BLK1)					Prepared: 05/11/23 Analyzed: 05/11/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.5		50.0		105	50-200			

LCS (2319047-BS1)					Prepared: 05/11/23 Analyzed: 05/11/23				
Diesel Range Organics (C10-C28)	283	25.0	250		113	38-132			
Surrogate: n-Nonane	51.2		50.0		102	50-200			

Matrix Spike (2319047-MS1)					Source: E305058-12		Prepared: 05/11/23 Analyzed: 05/11/23		
Diesel Range Organics (C10-C28)	278	25.0	250	ND	111	38-132			
Surrogate: n-Nonane	49.0		50.0		98.0	50-200			

Matrix Spike Dup (2319047-MSD1)					Source: E305058-12		Prepared: 05/11/23 Analyzed: 05/11/23		
Diesel Range Organics (C10-C28)	288	25.0	250	ND	115	38-132	3.44	20	
Surrogate: n-Nonane	50.4		50.0		101	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Allied Federal	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/16/2023 11:32:35AM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2319068-BLK1)

Prepared: 05/12/23 Analyzed: 05/15/23

Chloride ND 20.0

LCS (2319068-BS1)

Prepared: 05/12/23 Analyzed: 05/15/23

Chloride 271 20.0 250 108 90-110

Matrix Spike (2319068-MS1)

Source: E305058-01

Prepared: 05/12/23 Analyzed: 05/15/23

Chloride 294 20.0 250 23.9 108 80-120

Matrix Spike Dup (2319068-MSD1)

Source: E305058-01

Prepared: 05/12/23 Analyzed: 05/15/23

Chloride 296 20.0 250 23.9 109 80-120 0.618 20

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Allied Federal	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	05/16/23 11:32

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Project Information

Chain of Custody

Page 1 of 2

Client: Pima Environmental Services		Bill To		Lab Use Only		TAT				EPA Program			
Project: <u>Allied Federal</u>		Attention: <u>Devon</u>		Lab WO# <u>E305058</u>		Job Number <u>01058-0007</u>		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Tom Bynum		Address:		City, State, Zip		Analysis and Method							
Address: 5614 N. Lovington Hwy.		Phone:		Email:									
City, State, Zip Hobbs, NM, 88240		Pima Project # <u>285-2</u>											
Phone: 580-748-1613													
Email: tom@pimaoil.com													
Report due by:													

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
8:00 ^{AM}	5/8/23	S	1	S1-1	1							X		
8:05 ^{AM}	5/8/23			S1-2	2									
8:10 ^{AM}	5/8/23			S1-3	3									
8:15 ^{AM}	5/8/23			S1-4	4									
8:20 ^{AM}	5/8/23			S2-1	5									
8:25 ^{AM}	5/8/23			S2-2	6									
8:30 ^{AM}	5/8/23			S2-3	7									
8:35 ^{AM}	5/8/23			S2-4	8									
8:40 ^{AM}	5/8/23			SW-1	9									
8:45 ^{AM}	5/8/23			SW-2	10									

Additional Instructions:

Billing # 21164020

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: A.F

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature) <u>Karine Adams</u>	Date <u>5/9/23</u>	Time <u>2:00</u>	Received by: (Signature) <u>Micelle Camps</u>	Date <u>5-9-23</u>	Time <u>1400</u>	Lab Use Only Received on ice: <u>Y</u> / <u>N</u> T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature) <u>Micelle Camps</u>	Date <u>5-9-23</u>	Time <u>1700</u>	Received by: (Signature) <u>Andrew Messo</u>	Date <u>5-9-23</u>	Time <u>1700</u>	
Relinquished by: (Signature) <u>Andrew Messo</u>	Date <u>5-9-23</u>	Time <u>2300</u>	Received by: (Signature) <u>Caitlin Mass</u>	Date <u>5/10/23</u>	Time <u>8:27</u>	

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 5/10/2023 9:44:10AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Pima Environmental Services-Carlsbad	Date Received:	05/10/23 08:27	Work Order ID:	E305058
Phone:	(575) 631-6977	Date Logged In:	05/09/23 15:47	Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	05/16/23 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Tom Bynum



5796 U.S. Hwy 64
Farmington, NM 87401

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



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Allied Federal 7 Battery

Work Order: E308238

Job Number: 01058-0007

Received: 9/1/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/5/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 9/5/23

Tom Bynum
PO Box 247
Plains, TX 79355-0247



Project Name: Allied Federal 7 Battery
Workorder: E308238
Date Received: 9/1/2023 5:45:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/1/2023 5:45:00AM, under the Project Name: Allied Federal 7 Battery.

The analytical test results summarized in this report with the Project Name: Allied Federal 7 Battery apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
Laboratory Director
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Cell: 775-287-1762
whinchman@envirotech-inc.com

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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Allied Federal 7 Battery	Reported: 09/05/23 08:49
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS1 Bottoms	E308238-01A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.
CS2 Bottoms	E308238-02A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.
CSW1	E308238-03A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.
CSW2	E308238-04A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.
CSW3	E308238-05A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.
CSW4	E308238-06A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Allied Federal 7 Battery Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 9/5/2023 8:49:27AM
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CS1 Bottoms

E308238-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2335080	
Benzene	ND	0.0250	1	08/31/23	09/01/23	
Ethylbenzene	ND	0.0250	1	08/31/23	09/01/23	
Toluene	ND	0.0250	1	08/31/23	09/01/23	
o-Xylene	ND	0.0250	1	08/31/23	09/01/23	
p,m-Xylene	ND	0.0500	1	08/31/23	09/01/23	
Total Xylenes	ND	0.0250	1	08/31/23	09/01/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	96.4 %	70-130		08/31/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2335080	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/31/23	09/01/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	85.5 %	70-130		08/31/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2335096	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/01/23	09/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/01/23	09/01/23	
<i>Surrogate: n-Nonane</i>	93.5 %	50-200		09/01/23	09/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2335087	
Chloride	ND	20.0	1	08/31/23	09/01/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Allied Federal 7 Battery
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
9/5/2023 8:49:27AM

CS2 Bottoms

E308238-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2335080
Benzene	ND	0.0250	1	08/31/23	09/01/23	
Ethylbenzene	ND	0.0250	1	08/31/23	09/01/23	
Toluene	ND	0.0250	1	08/31/23	09/01/23	
o-Xylene	ND	0.0250	1	08/31/23	09/01/23	
p,m-Xylene	ND	0.0500	1	08/31/23	09/01/23	
Total Xylenes	ND	0.0250	1	08/31/23	09/01/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.0 %	70-130		08/31/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2335080
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/31/23	09/01/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	85.2 %	70-130		08/31/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2335096
Diesel Range Organics (C10-C28)	ND	25.0	1	09/01/23	09/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/01/23	09/01/23	
<i>Surrogate: n-Nonane</i>						
	96.2 %	50-200		09/01/23	09/01/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2335087
Chloride	ND	20.0	1	08/31/23	09/01/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Allied Federal 7 Battery
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
9/5/2023 8:49:27AM

CSW1

E308238-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2335080
Benzene	ND	0.0250	1	08/31/23	09/01/23	
Ethylbenzene	ND	0.0250	1	08/31/23	09/01/23	
Toluene	ND	0.0250	1	08/31/23	09/01/23	
o-Xylene	ND	0.0250	1	08/31/23	09/01/23	
p,m-Xylene	ND	0.0500	1	08/31/23	09/01/23	
Total Xylenes	ND	0.0250	1	08/31/23	09/01/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.3 %	70-130		08/31/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2335080
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/31/23	09/01/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	85.0 %	70-130		08/31/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2335096
Diesel Range Organics (C10-C28)	ND	25.0	1	09/01/23	09/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/01/23	09/01/23	
<i>Surrogate: n-Nonane</i>						
	96.1 %	50-200		09/01/23	09/01/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2335087
Chloride	ND	20.0	1	08/31/23	09/01/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Allied Federal 7 Battery
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
9/5/2023 8:49:27AM

CSW2

E308238-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2335080
Benzene	ND	0.0250	1	08/31/23	09/01/23	
Ethylbenzene	ND	0.0250	1	08/31/23	09/01/23	
Toluene	ND	0.0250	1	08/31/23	09/01/23	
o-Xylene	ND	0.0250	1	08/31/23	09/01/23	
p,m-Xylene	ND	0.0500	1	08/31/23	09/01/23	
Total Xylenes	ND	0.0250	1	08/31/23	09/01/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.4 %	70-130		08/31/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2335080
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/31/23	09/01/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	85.3 %	70-130		08/31/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2335096
Diesel Range Organics (C10-C28)	ND	25.0	1	09/01/23	09/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/01/23	09/01/23	
<i>Surrogate: n-Nonane</i>						
	98.1 %	50-200		09/01/23	09/01/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2335087
Chloride	ND	20.0	1	08/31/23	09/01/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Allied Federal 7 Battery
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
9/5/2023 8:49:27AM

CSW3

E308238-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2335080
Benzene	ND	0.0250	1	08/31/23	09/01/23	
Ethylbenzene	ND	0.0250	1	08/31/23	09/01/23	
Toluene	ND	0.0250	1	08/31/23	09/01/23	
o-Xylene	ND	0.0250	1	08/31/23	09/01/23	
p,m-Xylene	ND	0.0500	1	08/31/23	09/01/23	
Total Xylenes	ND	0.0250	1	08/31/23	09/01/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.8 %	70-130		08/31/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2335080
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/31/23	09/01/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	85.1 %	70-130		08/31/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2335096
Diesel Range Organics (C10-C28)	ND	25.0	1	09/01/23	09/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/01/23	09/01/23	
<i>Surrogate: n-Nonane</i>						
	96.7 %	50-200		09/01/23	09/01/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2335087
Chloride	ND	20.0	1	08/31/23	09/01/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Allied Federal 7 Battery
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
9/5/2023 8:49:27AM

CSW4

E308238-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2335080	
Benzene	ND	0.0250	1	08/31/23	09/01/23	
Ethylbenzene	ND	0.0250	1	08/31/23	09/01/23	
Toluene	ND	0.0250	1	08/31/23	09/01/23	
o-Xylene	ND	0.0250	1	08/31/23	09/01/23	
p,m-Xylene	ND	0.0500	1	08/31/23	09/01/23	
Total Xylenes	ND	0.0250	1	08/31/23	09/01/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.7 %	70-130		08/31/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2335080	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/31/23	09/01/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	84.1 %	70-130		08/31/23	09/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2335096	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/01/23	09/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/01/23	09/01/23	
<i>Surrogate: n-Nonane</i>						
	95.8 %	50-200		09/01/23	09/01/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2335087	
Chloride	ND	20.0	1	08/31/23	09/01/23	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Allied Federal 7 Battery	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/5/2023 8:49:27AM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2335080-BLK1) Prepared: 08/31/23 Analyzed: 08/31/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.46		8.00		93.3	70-130			

LCS (2335080-BS1) Prepared: 08/31/23 Analyzed: 09/01/23

Benzene	5.15	0.0250	5.00		103	70-130			
Ethylbenzene	5.00	0.0250	5.00		100	70-130			
Toluene	5.17	0.0250	5.00		103	70-130			
o-Xylene	5.12	0.0250	5.00		102	70-130			
p,m-Xylene	10.3	0.0500	10.0		103	70-130			
Total Xylenes	15.5	0.0250	15.0		103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.54		8.00		94.3	70-130			

Matrix Spike (2335080-MS1) Source: E308238-06 Prepared: 08/31/23 Analyzed: 09/01/23

Benzene	5.33	0.0250	5.00	ND	107	54-133			
Ethylbenzene	5.15	0.0250	5.00	ND	103	61-133			
Toluene	5.35	0.0250	5.00	ND	107	61-130			
o-Xylene	5.29	0.0250	5.00	ND	106	63-131			
p,m-Xylene	10.6	0.0500	10.0	ND	106	63-131			
Total Xylenes	15.9	0.0250	15.0	ND	106	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.62		8.00		95.3	70-130			

Matrix Spike Dup (2335080-MSD1) Source: E308238-06 Prepared: 08/31/23 Analyzed: 09/01/23

Benzene	5.03	0.0250	5.00	ND	101	54-133	5.89	20	
Ethylbenzene	4.86	0.0250	5.00	ND	97.1	61-133	5.89	20	
Toluene	5.04	0.0250	5.00	ND	101	61-130	5.98	20	
o-Xylene	4.99	0.0250	5.00	ND	99.9	63-131	5.82	20	
p,m-Xylene	10.0	0.0500	10.0	ND	100	63-131	5.89	20	
Total Xylenes	15.0	0.0250	15.0	ND	100	63-131	5.87	20	
Surrogate: 4-Bromochlorobenzene-PID	7.78		8.00		97.2	70-130			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Allied Federal 7 Battery	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/5/2023 8:49:27AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2335080-BLK1) Prepared: 08/31/23 Analyzed: 08/31/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.90		8.00		86.2	70-130			

LCS (2335080-BS2) Prepared: 08/31/23 Analyzed: 09/01/23

Gasoline Range Organics (C6-C10)	49.5	20.0	50.0		98.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.00		8.00		87.5	70-130			

Matrix Spike (2335080-MS2) Source: E308238-06 Prepared: 08/31/23 Analyzed: 09/01/23

Gasoline Range Organics (C6-C10)	47.8	20.0	50.0	ND	95.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.03		8.00		87.9	70-130			

Matrix Spike Dup (2335080-MSD2) Source: E308238-06 Prepared: 08/31/23 Analyzed: 09/01/23

Gasoline Range Organics (C6-C10)	48.4	20.0	50.0	ND	96.8	70-130	1.28	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.02		8.00		87.7	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Allied Federal 7 Battery	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/5/2023 8:49:27AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2335096-BLK1)					Prepared: 09/01/23 Analyzed: 09/01/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.0		50.0		94.1	50-200			

LCS (2335096-BS1)					Prepared: 09/01/23 Analyzed: 09/01/23				
Diesel Range Organics (C10-C28)	232	25.0	250		92.6	38-132			
Surrogate: n-Nonane	43.4		50.0		86.8	50-200			

Matrix Spike (2335096-MS1)					Source: E308231-23		Prepared: 09/01/23 Analyzed: 09/01/23		
Diesel Range Organics (C10-C28)	241	25.0	250	ND	96.3	38-132			
Surrogate: n-Nonane	45.3		50.0		90.7	50-200			

Matrix Spike Dup (2335096-MSD1)					Source: E308231-23		Prepared: 09/01/23 Analyzed: 09/01/23		
Diesel Range Organics (C10-C28)	239	25.0	250	ND	95.6	38-132	0.730	20	
Surrogate: n-Nonane	45.9		50.0		91.9	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Allied Federal 7 Battery	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/5/2023 8:49:27AM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2335087-BLK1)					Prepared: 08/31/23 Analyzed: 09/01/23				
Chloride	ND	20.0							
LCS (2335087-BS1)					Prepared: 08/31/23 Analyzed: 09/01/23				
Chloride	247	20.0	250		98.7	90-110			
LCS Dup (2335087-BSD1)					Prepared: 08/31/23 Analyzed: 09/01/23				
Chloride	245	20.0	250		98.1	90-110	0.682	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.



Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Allied Federal 7 Battery	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	09/05/23 08:49

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Project Information

Chain of Custody

Page 1 of 1

Client: Pima Environmental Services Project: <u>Allied Federal 7 Battery</u> Project Manager: <u>Tom Bynum</u> Address: <u>5614 N. Lovington Hwy.</u> City, State, Zip: <u>Hobbs, NM, 88240</u> Phone: <u>580-748-1613</u> Email: <u>tom@pimaoil.com</u> Report due by:					Bill To Attention: <u>Devon</u> Address: City, State, Zip Phone: Email: Pima Project # <u>285-2</u>					Lab Use Only Lab WO# <u>E308238</u> Job Number <u>01058-0007</u> Analysis and Method DRO/ORO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM BGDOC TX					TAT 1D 2D 3D Standard X				EPA Program CWA SDWA RCRA	
										State NM CO UT AZ TX X				Remarks						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number															
4:00 PM	8/30	S	1	CS1 } Bottoms	1															
4:07				CS2 }	2															
4:10				CSW1	3															
4:18				CSW2	4															
4:23				CSW3	5															
4:28				CSW4	6															
Additional Instructions: <u>Billing # 2164020</u>																				
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																				
Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 5 °C on subsequent days.																				
Relinquished by: (Signature) <u>Kentine Adams</u> Date <u>8/31/23</u> Time <u>2:00</u> Received by: (Signature) <u>Michelle Gayle</u> Date <u>8-31-23</u> Time <u>1400</u>																				
Relinquished by: (Signature) <u>Michelle Gayle</u> Date <u>8/31/23</u> Time <u>1715</u> Received by: (Signature) <u>Melissa Mayo</u> Date <u>8-31-23</u> Time <u>2000</u>																				
Relinquished by: (Signature) <u>Melissa Mayo</u> Date <u>9-1-23</u> Time <u>0245</u> Received by: (Signature) <u>Caitlin Mar</u> Date <u>9/1/23</u> Time <u>5:45</u>																				
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																				
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																				
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																				



Envirotech Analytical Laboratory

Printed: 9/1/2023 10:31:32AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Pima Environmental Services-Carlsbad	Date Received:	09/01/23 05:45	Work Order ID:	E308238
Phone:	(575) 631-6977	Date Logged In:	08/31/23 14:37	Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	09/01/23 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

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State of New Mexico
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Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 465106

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 465106
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2312548979
Incident Name	NAPP2312548979 ALLIED 7 FEDERAL #001 @ 30-015-25900
Incident Type	Produced Water Release
Incident Status	Reclamation Report Received
Incident Well	[30-015-25900] ALLIED 7 FEDERAL #001

Location of Release Source

Please answer all the questions in this group.

Site Name	ALLIED 7 FEDERAL #001
Date Release Discovered	05/04/2023
Surface Owner	Federal

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 Flow Line - Production Produced Water Released: 1 BBL Recovered: 0 BBL Lost: 1 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)	Lease Operator found a pinhole leak on 2" flowline from wellhead. Pumping unit was shut down and flowline was isolated to stop leak. 0.5 bbls released to pad with a small portion flowing offsite into adjacent pasture. 0 bbls recovered as it soaked into ground.

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QUESTIONS, Page 2

Action 465106

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 465106
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	More info needed to determine if this will be treated as a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Unavailable.
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvsn.com Date: 05/20/2025
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QUESTIONS, Page 3

Action 465106

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 465106
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Site Characterization	
<i>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.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between ½ and 1 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
<i>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.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	23
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	3109
GRO+DRO (EPA SW-846 Method 8015M)	2253
BTEX (EPA SW-846 Method 8021B or 8260B)	6
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>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>	
On what estimated date will the remediation commence	08/28/2023
On what date will (or did) the final sampling or liner inspection occur	08/30/2023
On what date will (or was) the remediation complete(d)	08/30/2023
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	137
What is the estimated volume (in cubic yards) that will be remediated	14
<i>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.</i>	
<i>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.</i>	

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QUESTIONS, Page 4

Action 465106

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 465106
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Remediation Plan (continued)	
<i>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.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(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	HALFWAY DISPOSAL AND LANDFILL [FEEM0112334510]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>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>	
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: James Raley Title: EHS Professional Email: jim.raley@dmv.com Date: 05/20/2025
<i>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.</i>	

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QUESTIONS, Page 5

Action 465106

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 465106
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

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, Page 6

Action 465106

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 465106
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	465224
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/30/2023
What was the (estimated) number of samples that were to be gathered	1
What was the sampling surface area in square feet	137

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	137
What was the total volume (cubic yards) remediated	14
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	Remediation Complete
<i>The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dmv.com Date: 05/20/2025

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QUESTIONS, Page 7

Action 465106

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 465106
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Reclamation Report	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	137
What was the total volume of replacement material (in cubic yards) for this site	14
<i>Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.</i>	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseedling commence(d)	12/01/2040
Summarize any additional reclamation activities not included by answers (above)	Reclamation Complete
<i>The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseedling plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dmv.com Date: 05/20/2025

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, Page 8

Action 465106

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 465106
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

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

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CONDITIONS

Action 465106

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 465106
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Reclamation Report for Incident #NAPP2312548979 ALLIED 7 FEDERAL #001, thank you. This Reclamation Report is approved.	6/20/2025