



RECLAMATION CLOSURE REPORT

PREPARED FOR:
DEVON ENERGY PRODUCTION, LP.

PREPARED BY:
PIMA ENVIRONMENTAL SERVICES, LLC.

May 21st, 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 Fed 7 Battery

FACILITY ID: fAPP2129451513

GPS: 32.76361078, -103.906784

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

COUNTY: Eddy

NMOCD REF. NO. NAPP2300761990

Pima Environmental Services, LLC (Pima) has been contracted by Devon Energy Production Company, LP (Devon) to prepare the Reclamation Closure Report for the Allied Fed 7 Battery 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 32.76361078 Longitude -103.906784, 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 0.24 of a mile away from the Allied, drilled, February 5, 2025. Conversely, as per the United States Geological Survey well water data (USGS324402104014701), the nearest groundwater depth in this region is recorded at 168 feet BGS, situated approximately 7.48 miles away from the Allied, with the last gauge conducted in 2016. The nearest water feature is a Salt Playa located approximately 6.64 miles to the northeast 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

NAPP2300761990

On January 7, 2023, LO arrived at location and found oil in unlined gravel containment. An oil tank had developed a hole causing fluid to release. The released fluids were calculated to be approximately 41.4 barrels (bbls) of crude oil. A vacuum truck was able to recover 30 bbls of standing fluid.

While incident NAPP2300761990 was being addressed, depth to groundwater was classified as <50' BGS due to lack of groundwater data.

On February 28, 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 May 22, 2023, the Devon Construction Department mobilized personnel and equipment to begin immediate remediation activities. They began by excavating the area to a depth of 3' BGS. The contaminated soil (77 cubic yards) was hauled to an approved, lined disposal facility and clean backfill material was brought in.

On May 31 and June 1 of 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.

A Remediation Closure Report (Application ID: 234625), was submitted to the NMOCD on June 30, 2023, for approval.

On December 21, 2023, Incident ID: NAPP2300761990, was approved by the NMOCD.

RECLAMATION ACTIVITIES

On May 1, 2025, Pima personnel returned to the site to collect 5-point composite 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.

The release and reclamation extent were on the pad and the area was remediated according to 19.15.29.12 NMAC. The confirmation lab sample results verified all samples within the top 4 feet of soil in this area includes non-waste containing, earthen material with chloride levels that are less than 600 mg/kg and TPH concentrations less than 100 mg/kg per 19.15.29.13 NMAC.

REVEGETATION OF THE SITE

Devon Energy will carry out revegetation 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 Allied Fed 7 Battery, incident ID NAPP2300761990, 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.raley@devon.com.

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

Respectfully,



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

Allied Fed 7 Battery | NAPP2300761990

Page 3 | 4

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



FIGURES

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





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

DEVON ENERGY PRODUCTION, LP.

ALLIED FED 7 BATTERY

Devon Energy
Facility ID: fAPP2129451513
Eddy County, NM
NAPP2300761990
Location Map

Legend

-  5.72 miles southeast of Loco Hills
-  ALLIED FED 7 BATTERY

U.S. Hwy 82

Loco Hills

Lovington Hwy

82

ALLIED FED 7 BATTERY

Google Earth

Image © 2025 Airbus

Released to Imaging: 7/8/2025 1:13:49 PM


4 mi

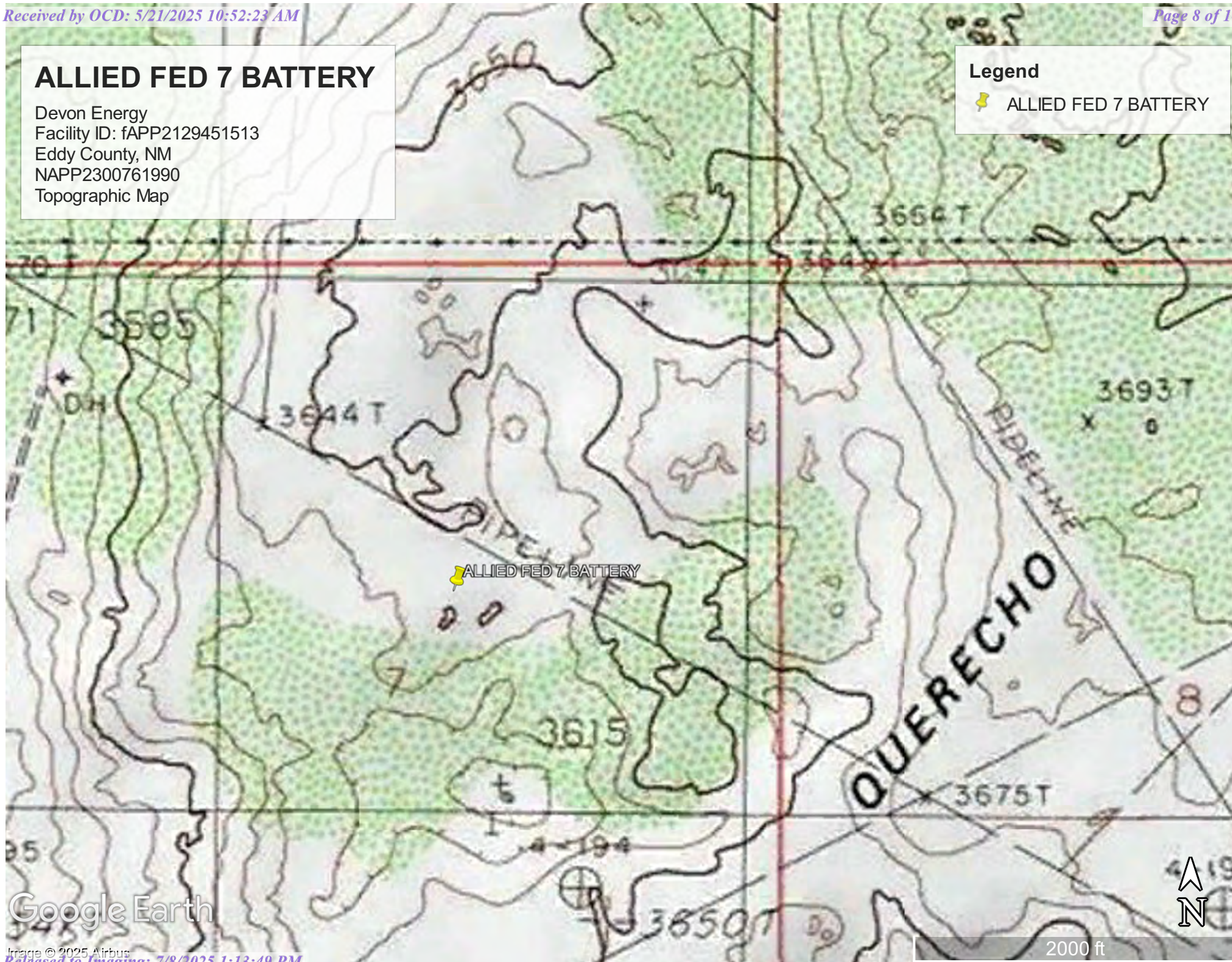


ALLIED FED 7 BATTERY

Devon Energy
Facility ID: fAPP2129451513
Eddy County, NM
NAPP2300761990
Topographic Map

Legend

 ALLIED FED 7 BATTERY







Google Earth

ALLIED FED 7 BATTERY

Devon Energy
Facility ID: fAPP2129451513
Eddy County, NM
NAPP2300761990
Karst Map

Legend

-  ALLIED FED 7 BATTERY
-  High Karst
-  Low Karst
-  Medium Karst

 ALLIED FED 7 BATTERY

Google Earth

Image © 2025 Airbus

Released to Imaging: 7/8/2025 1:13:49 PM



4 mi

Assessment Data Tables



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

DEVON ENERGY PRODUCTION, LP.

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
DEVON ENERGY Allied Fed 7 Battery								
Date: 2-28-23		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
S1	1'	45.8	1.57	1060	7870	3020	11997.37	ND
	2'	2.08	ND	66.1	944	ND	1012.18	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S2	1'	66.4	4.85	1570	8900	3300	13841.25	ND
	2'	3.24	ND	114	980	ND	1097.24	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S3	1'	75.4	6.62	1720	9220	3440	14462.02	ND
	2'	3.38	ND	116	935	ND	1054.38	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S4	1'	70.5	1.89	1470	9840	3920	15302.39	ND
	2'	2.14	ND	ND	1010	ND	1012.14	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S5	1'	81.2	5.88	1800	8310	3240	13437.08	ND
	2'	3.85	ND	106	980	ND	1089.85	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S6	1'	71.9	3.23	1720	9490	2690	13975.13	ND
	2'	3.58	ND	91.7	960	310	1365.28	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
SW1	6"	ND	ND	ND	ND	ND	0	ND
SW2	6"	ND	ND	ND	ND	ND	0	ND
SW3	6"	ND	ND	ND	ND	ND	0	ND
SW4	6"	ND	ND	ND	ND	ND	0	ND
BG1	6"	ND	ND	ND	ND	ND	0	ND

Confirmation Data Tables



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

DEVON ENERGY PRODUCTION, LP.

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')									
DEVON ENERGY Allied Fed 7 Battery									
Date: 6-22-22			NM Approved Laboratory Results						
Sample ID	Sample Dates:	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
CSW1	6/1/2023	3'	ND	ND	ND	ND	ND	0	ND
CSW2	6/1/2023	3'	ND	ND	ND	ND	ND	0	ND
CSW3	6/1/2023	3'	ND	ND	ND	ND	ND	0	ND
CSW4	6/1/2023	3'	ND	ND	ND	ND	ND	0	ND
CSW5	6/1/2023	3'	ND	ND	ND	ND	ND	0	ND
CSW6	6/1/2023	3'	ND	ND	ND	ND	ND	0	ND
CSW7	6/1/2023	3'	ND	ND	ND	ND	ND	0	ND
CSW8	6/1/2023	3'	ND	ND	ND	ND	ND	0	ND
CSW9	6/1/2023	3'	ND	ND	ND	ND	ND	0	ND
CSW10	6/1/2023	3'	ND	ND	ND	ND	ND	0	ND
CSW11	6/1/2023	3'	ND	ND	ND	ND	ND	0	ND
CSW12	6/1/2023	3'	ND	ND	ND	ND	ND	0	ND
CS1	6/1/2023	3'	ND	ND	ND	ND	ND	0	ND
CS2	6/1/2023	3'	ND	ND	ND	ND	ND	0	ND
CS3	6/1/2023	3'	ND	ND	ND	ND	ND	0	ND
CS4	5/31/2023	3'	ND	ND	ND	ND	ND	0	ND
CS5	5/31/2023	3'	ND	ND	ND	ND	ND	0	ND
CS6	5/31/2023	3'	ND	ND	ND	ND	ND	0	ND

Backfill Data Tables



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





DEVON ENERGY PRODUCTION, LP.

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is<50')								
DEVON ENERGY Allied Federal 7 Battery								
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	0	ND
BACKFILL 2	Comp	ND	ND	ND	ND	ND	0	ND
BACKFILL 3	Comp	ND	ND	ND	ND	ND	0	ND

Allied Fed 7 Battery

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

Legend

-  Allied Fed 7 Battery
-  Background/Sidewalls
-  Samples
-  Spill Area Sqft 1,041







70 ft

Allied 7 Federal #001

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

Legend

-  Allied 7 Federal #1
-  Confirmation Sidewalls
-  Confirmation Samples
-  Untitled Polygon



2000 ft

APPENDIX A

OSE Water Survey

USGS Water Survey

Surface Water Map



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

DEVON ENERGY PRODUCTION, LP.

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	Plug Date:	2025-02-10
Log File Date:	2025-03-13	PCW Rcv Date:		Source:	
Pump Type:		Pipe Discharge Size:		Estimated Yield:	
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 FED 7 BATTERY

Devon Energy
Facility ID: fAPP2129451513
Eddy County, NM
NAPP2300761990
OSE Pod Map

Legend

- 0.24 miles
- ALLIED FED 7 BATTERY
- CP 02042 POD1

ALLIED FED 7 BATTERY

CP 02042 POD1

Google Earth

Image © 2025 Airbus

Released to Imaging: 7/8/2025 1:13:49 PM



800 ft



[USGS Home](#)
[Contact USGS](#)
[Search USGS](#)

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 =

- 324402104014701

Minimum number of levels = 1

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

USGS 324402104014701 18S.29E.24.14413

Available data for this site

Groundwater: Field measurements



GO

Eddy County, New Mexico

Hydrologic Unit Code 13060011

Latitude 32°44'01.5", Longitude 104°01'48.9" NAD83

Land-surface elevation 3,441 feet above NAVD88

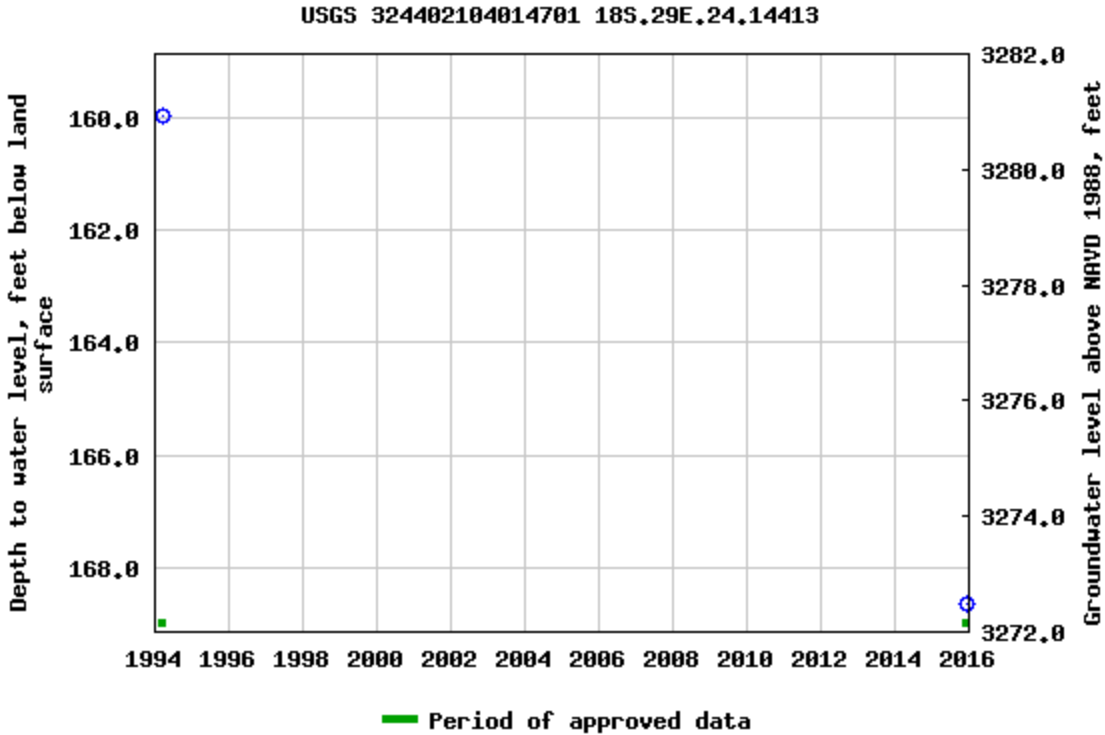
The depth of the well is 202.00 feet below land surface.

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Sunrise Formation (231SNRS) 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.

[Download a presentation-quality graph](#)

[Questions or Comments](#)

[Help](#)

[Data Tips](#)

[Explanation of terms](#)

[Subscribe for system changes](#)

[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)

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: 2025-05-19 12:56:34 EDT

0.59 0.44 nadww02



ALLIED FED 7 BATTERY

Devon Energy
Facility ID: fAPP2129451513
Eddy County, NM
NAPP2300761990
USGS Map

Legend

- 7.48 miles
- ALLIED FED 7 BATTERY
- USGS 324402104014701

Google Earth

Image © 2025 Airbus

Released to Imaging: 7/8/2025 1:13:49 PM

3 mi



ALLIED FED 7 BATTERY

Devon Energy
Facility ID: fAPP2129451513
Eddy County, NM
NAPP2300761990
Surface Water Map

Legend

- 6.64 miles
- ALLIED FED 7 BATTERY
- Salt Playa

ALLIED FED 7 BATTERY

Salt Playa

Google Earth

Image © 2025 Airbus

Released to Imaging: 7/8/2025 1:13:49 PM

4 mi



APPENDIX B

Soil Survey & Geological Data

Geologic Unit Map

FEMA Flood Map

Wetlands Map



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

DEVON ENERGY PRODUCTION, LP.

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

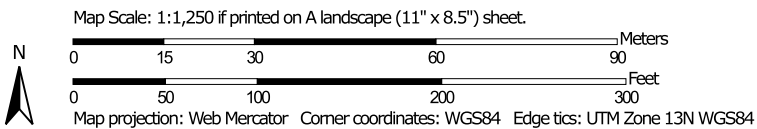
Active dune land

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




Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

5/19/2025
Page 1 of 3

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	Kermi-Berino fine sands, 0 to 3 percent slopes	5.8	100.0%
Totals for Area of Interest		5.8	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 Major

constituents 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)

DOI Privacy Policy (<https://www.doi.gov/privacy>) | Legal (https://www.usgs.gov/laws/policies_notices.html) |

Accessibility (<https://www2.usgs.gov/laws/accessibility.html>) | Site Map (<https://www.usgs.gov/sitemap.html>) |

Contact USGS (<https://answers.usgs.gov/>)

U.S. Department of the Interior (<https://www.doi.gov/>) | DOI Inspector General (<https://www.doiig.gov/>) |




White House (<https://www.whitehouse.gov/>) | E-gov (<https://www.whitehouse.gov/omb/management/egov/>) |

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

ALLIED FED 7 BATTERY

Devon Energy
Facility ID: fAPP2129451513
Eddy County, NM
NAPP2300761990
Geological Map

Legend

-  ALLIED FED 7 BATTERY
-  Eolian and piedmont deposits
-  Piedmont alluvial deposits

 ALLIED FED 7 BATTERY

Google Earth

Image © 2025 Airbus



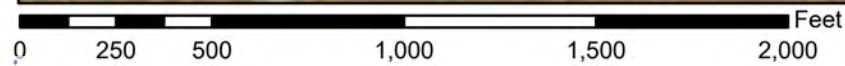
3 mi

Released to Imaging: 7/8/2025 1:13:19 PM

National Flood Hazard Layer FIRMette



103°54'43"W 32°46'4"N



1:6,000

103°54'6"W 32°45'34"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 X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone X
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard Zone D
		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance
		17.5 Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		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 5/19/2025 at 4:41 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.

Received by OCD: 5/19/2025 10:52:23 AM

Page 35 of 146



Wetlands Map



May 19, 2025

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.

Good Afternoon,

Pima Environmental would like to notify you that we will begin collecting confirmation samples at the Allied Fed 7 Battery for incident NAPP2300761990. Pima personnel are scheduled to be on site for this sampling event at approximately 7:00 a.m. on Saturday, May 27, 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.

--

Gio Gomez

Operations Manager

cell-806-782-1151

Office- 575-964-7740

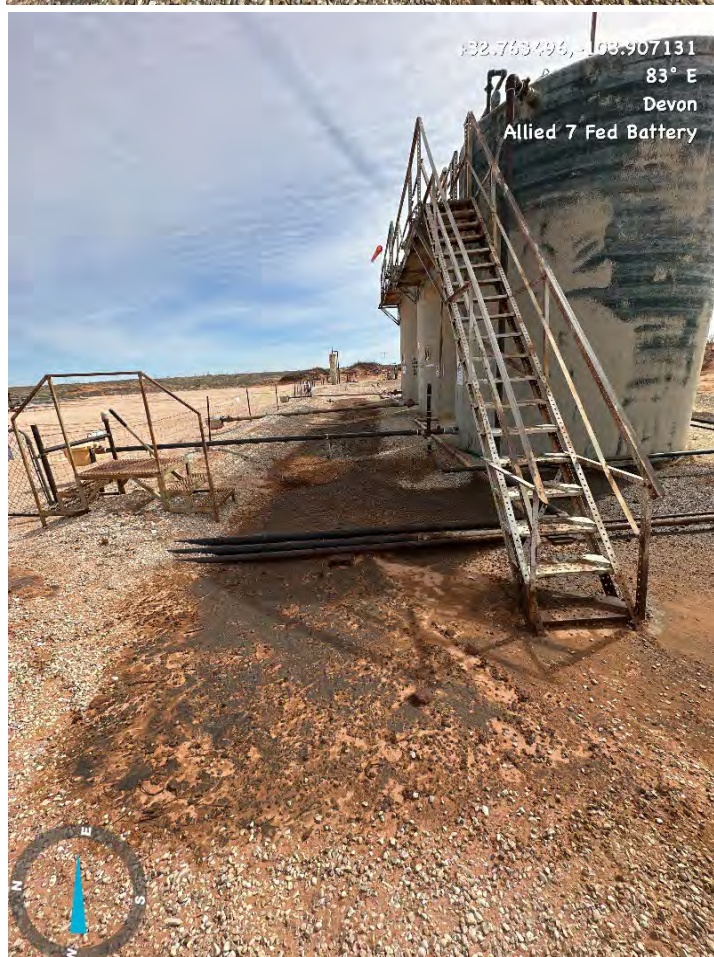
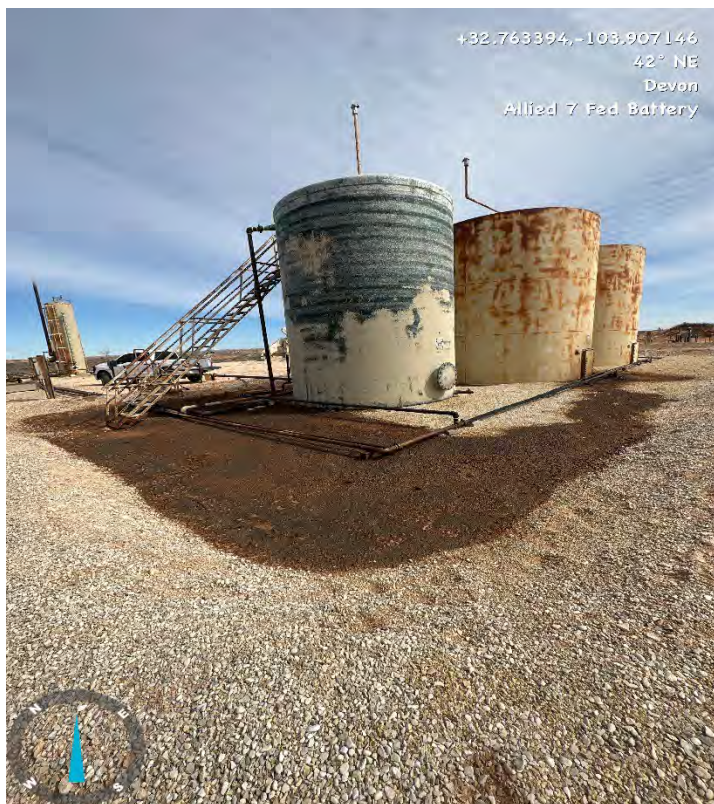
Pima Environmental Services, LLC.



**SITE PHOTOGRAPHS
DEVON ENERGY
ALLIED FED 7 BATTERY**

Site Assessment

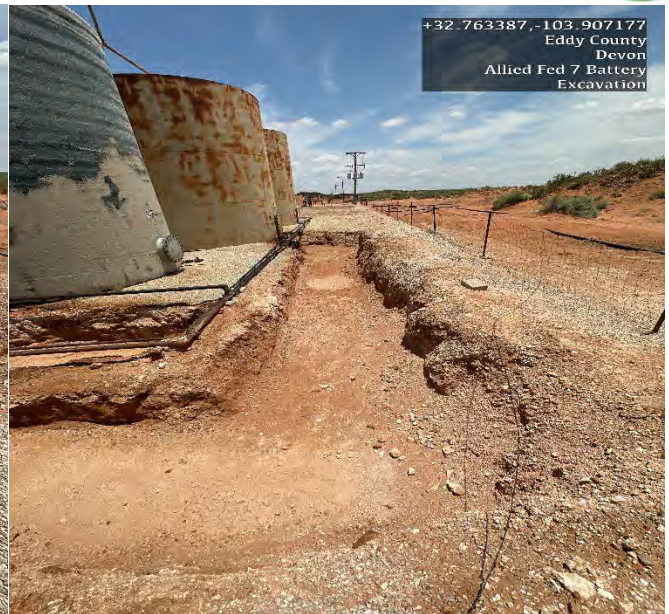






Excavation







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 Fed 7H Battery

Work Order: E303005

Job Number: 01058-0007

Received: 3/2/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/8/23

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: 3/8/23

Tom Bynum
PO Box 247
Plains, TX 79355-0247



Project Name: Allied Fed 7H Battery
Workorder: E303005
Date Received: 3/2/2023 7:15:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/2/2023 7:15:00AM, under the Project Name: Allied Fed 7H Battery.

The analytical test results summarized in this report with the Project Name: Allied Fed 7H 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
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

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
S1 - 1'	6
S1 - 2'	7
S1 - 3'	8
S1 - 4'	9
S2 - 1'	10
S2 - 2'	11
S2 - 3'	12
S2 - 4'	13
S3 - 1'	14
S3 - 2'	15
S3 - 3'	16
S3 - 4'	17
S4 - 1'	18
S4 - 2'	19
S4 - 3'	20
S4 - 4'	21
S5 - 1'	22
S5 - 2'	23
S5 - 3'	24
S5 - 4'	25

Table of Contents (continued)

S6 - 1'	26
S6 - 2'	27
S6 - 3'	28
S6 - 4'	29
SW1	30
SW2	31
SW3	32
SW4	33
BG1	34
QC Summary Data	35
QC - Volatile Organic Compounds by EPA 8260B	35
QC - Nonhalogenated Organics by EPA 8015D - GRO	37
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	39
QC - Anions by EPA 300.0/9056A	41
Definitions and Notes	43
Chain of Custody etc.	44

Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Allied Fed 7H Battery	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	03/08/23 14:06

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1 - 1'	E303005-01A	Soil	02/28/23	03/02/23	Glass Jar, 2 oz.
S1 - 2'	E303005-02A	Soil	02/28/23	03/02/23	Glass Jar, 2 oz.
S1 - 3'	E303005-03A	Soil	02/28/23	03/02/23	Glass Jar, 2 oz.
S1 - 4'	E303005-04A	Soil	02/28/23	03/02/23	Glass Jar, 2 oz.
S2 - 1'	E303005-05A	Soil	02/28/23	03/02/23	Glass Jar, 2 oz.
S2 - 2'	E303005-06A	Soil	02/28/23	03/02/23	Glass Jar, 2 oz.
S2 - 3'	E303005-07A	Soil	02/28/23	03/02/23	Glass Jar, 2 oz.
S2 - 4'	E303005-08A	Soil	02/28/23	03/02/23	Glass Jar, 2 oz.
S3 - 1'	E303005-09A	Soil	02/28/23	03/02/23	Glass Jar, 2 oz.
S3 - 2'	E303005-10A	Soil	02/28/23	03/02/23	Glass Jar, 2 oz.
S3 - 3'	E303005-11A	Soil	02/28/23	03/02/23	Glass Jar, 2 oz.
S3 - 4'	E303005-12A	Soil	02/28/23	03/02/23	Glass Jar, 2 oz.
S4 - 1'	E303005-13A	Soil	02/28/23	03/02/23	Glass Jar, 2 oz.
S4 - 2'	E303005-14A	Soil	02/28/23	03/02/23	Glass Jar, 2 oz.
S4 - 3'	E303005-15A	Soil	02/28/23	03/02/23	Glass Jar, 2 oz.
S4 - 4'	E303005-16A	Soil	02/28/23	03/02/23	Glass Jar, 2 oz.
S5 - 1'	E303005-17A	Soil	02/28/23	03/02/23	Glass Jar, 2 oz.
S5 - 2'	E303005-18A	Soil	02/28/23	03/02/23	Glass Jar, 2 oz.
S5 - 3'	E303005-19A	Soil	02/28/23	03/02/23	Glass Jar, 2 oz.
S5 - 4'	E303005-20A	Soil	02/28/23	03/02/23	Glass Jar, 2 oz.
S6 - 1'	E303005-21A	Soil	02/28/23	03/02/23	Glass Jar, 2 oz.
S6 - 2'	E303005-22A	Soil	02/28/23	03/02/23	Glass Jar, 2 oz.
S6 - 3'	E303005-23A	Soil	02/28/23	03/02/23	Glass Jar, 2 oz.
S6 - 4'	E303005-24A	Soil	02/28/23	03/02/23	Glass Jar, 2 oz.
SW1	E303005-25A	Soil	02/28/23	03/02/23	Glass Jar, 2 oz.
SW2	E303005-26A	Soil	02/28/23	03/02/23	Glass Jar, 2 oz.
SW3	E303005-27A	Soil	02/28/23	03/02/23	Glass Jar, 2 oz.
SW4	E303005-28A	Soil	02/28/23	03/02/23	Glass Jar, 2 oz.
BG1	E303005-29A	Soil	02/28/23	03/02/23	Glass Jar, 2 oz.



Sample Data

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

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

Reported:
3/8/2023 2:06:54PM

S1 - 1'

E303005-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309042
Benzene	1.57	0.250	10	03/02/23	03/06/23	
Ethylbenzene	32.0	0.250	10	03/02/23	03/06/23	
Toluene	37.0	0.250	10	03/02/23	03/06/23	
o-Xylene	15.7	0.250	10	03/02/23	03/06/23	
p,m-Xylene	30.1	0.500	10	03/02/23	03/06/23	
Total Xylenes	45.8	0.250	10	03/02/23	03/06/23	
Surrogate: Bromofluorobenzene	88.7 %	70-130		03/02/23	03/06/23	
Surrogate: 1,2-Dichloroethane-d4	93.3 %	70-130		03/02/23	03/06/23	
Surrogate: Toluene-d8	105 %	70-130		03/02/23	03/06/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309042
Gasoline Range Organics (C6-C10)	1060	200	10	03/02/23	03/06/23	
Surrogate: Bromofluorobenzene	88.7 %	70-130		03/02/23	03/06/23	
Surrogate: 1,2-Dichloroethane-d4	93.3 %	70-130		03/02/23	03/06/23	
Surrogate: Toluene-d8	105 %	70-130		03/02/23	03/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2309061
Diesel Range Organics (C10-C28)	7870	500	20	03/03/23	03/04/23	
Oil Range Organics (C28-C36)	3020	1000	20	03/03/23	03/04/23	
Surrogate: n-Nonane	127 %	50-200		03/03/23	03/04/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2309045
Chloride	ND	20.0	1	03/02/23	03/03/23	



Sample Data

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

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

Reported:
3/8/2023 2:06:54PM

S1 - 2'

E303005-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309042
Benzene	ND	0.0250	1	03/02/23	03/06/23	
Ethylbenzene	0.928	0.0250	1	03/02/23	03/06/23	
Toluene	0.190	0.0250	1	03/02/23	03/06/23	
o-Xylene	0.852	0.0250	1	03/02/23	03/06/23	
p,m-Xylene	1.23	0.0500	1	03/02/23	03/06/23	
Total Xylenes	2.08	0.0250	1	03/02/23	03/06/23	
Surrogate: Bromofluorobenzene	89.6 %	70-130		03/02/23	03/06/23	
Surrogate: 1,2-Dichloroethane-d4	96.1 %	70-130		03/02/23	03/06/23	
Surrogate: Toluene-d8	101 %	70-130		03/02/23	03/06/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309042
Gasoline Range Organics (C6-C10)	66.1	20.0	1	03/02/23	03/06/23	
Surrogate: Bromofluorobenzene	89.6 %	70-130		03/02/23	03/06/23	
Surrogate: 1,2-Dichloroethane-d4	96.1 %	70-130		03/02/23	03/06/23	
Surrogate: Toluene-d8	101 %	70-130		03/02/23	03/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2309061
Diesel Range Organics (C10-C28)	944	250	10	03/03/23	03/03/23	
Oil Range Organics (C28-C36)	ND	500	10	03/03/23	03/03/23	
Surrogate: n-Nonane	102 %	50-200		03/03/23	03/03/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2309045
Chloride	ND	20.0	1	03/02/23	03/03/23	



Sample Data

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

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

Reported:
3/8/2023 2:06:54PM

S1 - 3'

E303005-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309042
Benzene	ND	0.0250	1	03/02/23	03/03/23	
Ethylbenzene	0.0435	0.0250	1	03/02/23	03/03/23	
Toluene	0.0850	0.0250	1	03/02/23	03/03/23	
o-Xylene	ND	0.0250	1	03/02/23	03/03/23	
p,m-Xylene	ND	0.0500	1	03/02/23	03/03/23	
Total Xylenes	ND	0.0250	1	03/02/23	03/03/23	
Surrogate: Bromofluorobenzene	92.1 %	70-130		03/02/23	03/03/23	
Surrogate: 1,2-Dichloroethane-d4	93.5 %	70-130		03/02/23	03/03/23	
Surrogate: Toluene-d8	102 %	70-130		03/02/23	03/03/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309042
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/02/23	03/03/23	
Surrogate: Bromofluorobenzene	92.1 %	70-130		03/02/23	03/03/23	
Surrogate: 1,2-Dichloroethane-d4	93.5 %	70-130		03/02/23	03/03/23	
Surrogate: Toluene-d8	102 %	70-130		03/02/23	03/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2309061
Diesel Range Organics (C10-C28)	ND	25.0	1	03/03/23	03/03/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/03/23	03/03/23	
Surrogate: n-Nonane	97.9 %	50-200		03/03/23	03/03/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2309045
Chloride	ND	20.0	1	03/02/23	03/03/23	



Sample Data

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

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

Reported:
3/8/2023 2:06:54PM

S1 - 4'

E303005-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309042
Benzene	ND	0.0250	1	03/02/23	03/03/23	
Ethylbenzene	ND	0.0250	1	03/02/23	03/03/23	
Toluene	0.0350	0.0250	1	03/02/23	03/03/23	
o-Xylene	ND	0.0250	1	03/02/23	03/03/23	
p,m-Xylene	ND	0.0500	1	03/02/23	03/03/23	
Total Xylenes	ND	0.0250	1	03/02/23	03/03/23	
Surrogate: Bromofluorobenzene	91.4 %	70-130		03/02/23	03/03/23	
Surrogate: 1,2-Dichloroethane-d4	91.5 %	70-130		03/02/23	03/03/23	
Surrogate: Toluene-d8	103 %	70-130		03/02/23	03/03/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309042
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/02/23	03/03/23	
Surrogate: Bromofluorobenzene	91.4 %	70-130		03/02/23	03/03/23	
Surrogate: 1,2-Dichloroethane-d4	91.5 %	70-130		03/02/23	03/03/23	
Surrogate: Toluene-d8	103 %	70-130		03/02/23	03/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2309061
Diesel Range Organics (C10-C28)	ND	25.0	1	03/03/23	03/03/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/03/23	03/03/23	
Surrogate: n-Nonane	100 %	50-200		03/03/23	03/03/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2309045
Chloride	ND	20.0	1	03/02/23	03/03/23	



Sample Data

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

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

Reported:
3/8/2023 2:06:54PM

S2 - 1'

E303005-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309042
Benzene	4.85	0.250	10	03/02/23	03/06/23	
Ethylbenzene	47.1	0.250	10	03/02/23	03/06/23	
Toluene	66.5	0.250	10	03/02/23	03/06/23	
o-Xylene	22.6	0.250	10	03/02/23	03/06/23	
p,m-Xylene	43.8	0.500	10	03/02/23	03/06/23	
Total Xylenes	66.4	0.250	10	03/02/23	03/06/23	
Surrogate: Bromofluorobenzene	87.6 %	70-130		03/02/23	03/06/23	
Surrogate: 1,2-Dichloroethane-d4	99.3 %	70-130		03/02/23	03/06/23	
Surrogate: Toluene-d8	109 %	70-130		03/02/23	03/06/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309042
Gasoline Range Organics (C6-C10)	1570	200	10	03/02/23	03/06/23	
Surrogate: Bromofluorobenzene	87.6 %	70-130		03/02/23	03/06/23	
Surrogate: 1,2-Dichloroethane-d4	99.3 %	70-130		03/02/23	03/06/23	
Surrogate: Toluene-d8	109 %	70-130		03/02/23	03/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2309061
Diesel Range Organics (C10-C28)	8900	500	20	03/03/23	03/04/23	
Oil Range Organics (C28-C36)	3300	1000	20	03/03/23	03/04/23	
Surrogate: n-Nonane	151 %	50-200		03/03/23	03/04/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2309045
Chloride	ND	20.0	1	03/02/23	03/03/23	



Sample Data

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

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

Reported:
3/8/2023 2:06:54PM

S2 - 2'

E303005-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309042
Benzene	ND	0.125	5	03/02/23	03/06/23	
Ethylbenzene	1.60	0.125	5	03/02/23	03/06/23	
Toluene	0.350	0.125	5	03/02/23	03/06/23	
o-Xylene	1.26	0.125	5	03/02/23	03/06/23	
p,m-Xylene	1.98	0.250	5	03/02/23	03/06/23	
Total Xylenes	3.24	0.125	5	03/02/23	03/06/23	
Surrogate: Bromofluorobenzene	87.8 %	70-130		03/02/23	03/06/23	
Surrogate: 1,2-Dichloroethane-d4	97.9 %	70-130		03/02/23	03/06/23	
Surrogate: Toluene-d8	98.6 %	70-130		03/02/23	03/06/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309042
Gasoline Range Organics (C6-C10)	114	100	5	03/02/23	03/06/23	
Surrogate: Bromofluorobenzene	87.8 %	70-130		03/02/23	03/06/23	
Surrogate: 1,2-Dichloroethane-d4	97.9 %	70-130		03/02/23	03/06/23	
Surrogate: Toluene-d8	98.6 %	70-130		03/02/23	03/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2309061
Diesel Range Organics (C10-C28)	980	250	10	03/03/23	03/03/23	
Oil Range Organics (C28-C36)	ND	500	10	03/03/23	03/03/23	
Surrogate: n-Nonane	101 %	50-200		03/03/23	03/03/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2309045
Chloride	ND	20.0	1	03/02/23	03/03/23	



Sample Data

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

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

Reported:
3/8/2023 2:06:54PM

S2 - 3'

E303005-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309042
Benzene	ND	0.0250	1	03/02/23	03/04/23	
Ethylbenzene	0.0365	0.0250	1	03/02/23	03/04/23	
Toluene	0.0890	0.0250	1	03/02/23	03/04/23	
o-Xylene	ND	0.0250	1	03/02/23	03/04/23	
p,m-Xylene	ND	0.0500	1	03/02/23	03/04/23	
Total Xylenes	ND	0.0250	1	03/02/23	03/04/23	
Surrogate: Bromofluorobenzene	90.2 %	70-130		03/02/23	03/04/23	
Surrogate: 1,2-Dichloroethane-d4	90.2 %	70-130		03/02/23	03/04/23	
Surrogate: Toluene-d8	99.8 %	70-130		03/02/23	03/04/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309042
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/02/23	03/04/23	
Surrogate: Bromofluorobenzene	90.2 %	70-130		03/02/23	03/04/23	
Surrogate: 1,2-Dichloroethane-d4	90.2 %	70-130		03/02/23	03/04/23	
Surrogate: Toluene-d8	99.8 %	70-130		03/02/23	03/04/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2309061
Diesel Range Organics (C10-C28)	ND	25.0	1	03/03/23	03/03/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/03/23	03/03/23	
Surrogate: n-Nonane	97.3 %	50-200		03/03/23	03/03/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2309045
Chloride	ND	20.0	1	03/02/23	03/03/23	



Sample Data

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

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

Reported:
3/8/2023 2:06:54PM

S2 - 4'

E303005-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309042
Benzene	ND	0.0250	1	03/02/23	03/04/23	
Ethylbenzene	ND	0.0250	1	03/02/23	03/04/23	
Toluene	ND	0.0250	1	03/02/23	03/04/23	
o-Xylene	ND	0.0250	1	03/02/23	03/04/23	
p,m-Xylene	ND	0.0500	1	03/02/23	03/04/23	
Total Xylenes	ND	0.0250	1	03/02/23	03/04/23	
Surrogate: Bromofluorobenzene	89.8 %	70-130		03/02/23	03/04/23	
Surrogate: 1,2-Dichloroethane-d4	93.6 %	70-130		03/02/23	03/04/23	
Surrogate: Toluene-d8	99.7 %	70-130		03/02/23	03/04/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309042
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/02/23	03/04/23	
Surrogate: Bromofluorobenzene	89.8 %	70-130		03/02/23	03/04/23	
Surrogate: 1,2-Dichloroethane-d4	93.6 %	70-130		03/02/23	03/04/23	
Surrogate: Toluene-d8	99.7 %	70-130		03/02/23	03/04/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2309061
Diesel Range Organics (C10-C28)	ND	25.0	1	03/03/23	03/03/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/03/23	03/03/23	
Surrogate: n-Nonane	96.9 %	50-200		03/03/23	03/03/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2309045
Chloride	ND	20.0	1	03/02/23	03/03/23	



Sample Data

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

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

Reported:
3/8/2023 2:06:54PM

S3 - 1'

E303005-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309042
Benzene	6.62	0.250	10	03/02/23	03/06/23	
Ethylbenzene	53.2	0.250	10	03/02/23	03/06/23	
Toluene	77.1	0.250	10	03/02/23	03/06/23	
o-Xylene	25.4	0.250	10	03/02/23	03/06/23	
p,m-Xylene	50.0	0.500	10	03/02/23	03/06/23	
Total Xylenes	75.4	0.250	10	03/02/23	03/06/23	
Surrogate: Bromofluorobenzene	88.7 %	70-130		03/02/23	03/06/23	
Surrogate: 1,2-Dichloroethane-d4	98.8 %	70-130		03/02/23	03/06/23	
Surrogate: Toluene-d8	108 %	70-130		03/02/23	03/06/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309042
Gasoline Range Organics (C6-C10)	1720	200	10	03/02/23	03/06/23	
Surrogate: Bromofluorobenzene	88.7 %	70-130		03/02/23	03/06/23	
Surrogate: 1,2-Dichloroethane-d4	98.8 %	70-130		03/02/23	03/06/23	
Surrogate: Toluene-d8	108 %	70-130		03/02/23	03/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2309061
Diesel Range Organics (C10-C28)	9220	500	20	03/03/23	03/04/23	
Oil Range Organics (C28-C36)	3440	1000	20	03/03/23	03/04/23	
Surrogate: n-Nonane	80.3 %	50-200		03/03/23	03/04/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2309045
Chloride	ND	20.0	1	03/02/23	03/03/23	



Sample Data

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

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

Reported:
3/8/2023 2:06:54PM

S3 - 2'

E303005-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309042
Benzene	ND	0.125	5	03/02/23	03/06/23	
Ethylbenzene	1.87	0.125	5	03/02/23	03/06/23	
Toluene	0.553	0.125	5	03/02/23	03/06/23	
o-Xylene	1.27	0.125	5	03/02/23	03/06/23	
p,m-Xylene	2.11	0.250	5	03/02/23	03/06/23	
Total Xylenes	3.38	0.125	5	03/02/23	03/06/23	
Surrogate: Bromofluorobenzene	93.4 %	70-130		03/02/23	03/06/23	
Surrogate: 1,2-Dichloroethane-d4	97.9 %	70-130		03/02/23	03/06/23	
Surrogate: Toluene-d8	97.8 %	70-130		03/02/23	03/06/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309042
Gasoline Range Organics (C6-C10)	116	100	5	03/02/23	03/06/23	
Surrogate: Bromofluorobenzene	93.4 %	70-130		03/02/23	03/06/23	
Surrogate: 1,2-Dichloroethane-d4	97.9 %	70-130		03/02/23	03/06/23	
Surrogate: Toluene-d8	97.8 %	70-130		03/02/23	03/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2309061
Diesel Range Organics (C10-C28)	935	250	10	03/03/23	03/03/23	
Oil Range Organics (C28-C36)	ND	500	10	03/03/23	03/03/23	
Surrogate: n-Nonane	104 %	50-200		03/03/23	03/03/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2309045
Chloride	ND	20.0	1	03/02/23	03/03/23	



Sample Data

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

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

Reported:
3/8/2023 2:06:54PM

S3 - 3'

E303005-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309042
Benzene	ND	0.0250	1	03/02/23	03/04/23	
Ethylbenzene	0.0285	0.0250	1	03/02/23	03/04/23	
Toluene	0.0555	0.0250	1	03/02/23	03/04/23	
o-Xylene	ND	0.0250	1	03/02/23	03/04/23	
p,m-Xylene	ND	0.0500	1	03/02/23	03/04/23	
Total Xylenes	ND	0.0250	1	03/02/23	03/04/23	
Surrogate: Bromofluorobenzene	92.0 %	70-130		03/02/23	03/04/23	
Surrogate: 1,2-Dichloroethane-d4	90.7 %	70-130		03/02/23	03/04/23	
Surrogate: Toluene-d8	100 %	70-130		03/02/23	03/04/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309042
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/02/23	03/04/23	
Surrogate: Bromofluorobenzene	92.0 %	70-130		03/02/23	03/04/23	
Surrogate: 1,2-Dichloroethane-d4	90.7 %	70-130		03/02/23	03/04/23	
Surrogate: Toluene-d8	100 %	70-130		03/02/23	03/04/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2309061
Diesel Range Organics (C10-C28)	ND	25.0	1	03/03/23	03/03/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/03/23	03/03/23	
Surrogate: n-Nonane	100 %	50-200		03/03/23	03/03/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2309045
Chloride	ND	20.0	1	03/02/23	03/03/23	



Sample Data

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

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

Reported:
3/8/2023 2:06:54PM

S3 - 4'

E303005-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309042
Benzene	ND	0.0250	1	03/02/23	03/04/23	
Ethylbenzene	ND	0.0250	1	03/02/23	03/04/23	
Toluene	ND	0.0250	1	03/02/23	03/04/23	
o-Xylene	ND	0.0250	1	03/02/23	03/04/23	
p,m-Xylene	ND	0.0500	1	03/02/23	03/04/23	
Total Xylenes	ND	0.0250	1	03/02/23	03/04/23	
Surrogate: Bromofluorobenzene	92.1 %	70-130		03/02/23	03/04/23	
Surrogate: 1,2-Dichloroethane-d4	91.6 %	70-130		03/02/23	03/04/23	
Surrogate: Toluene-d8	100 %	70-130		03/02/23	03/04/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309042
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/02/23	03/04/23	
Surrogate: Bromofluorobenzene	92.1 %	70-130		03/02/23	03/04/23	
Surrogate: 1,2-Dichloroethane-d4	91.6 %	70-130		03/02/23	03/04/23	
Surrogate: Toluene-d8	100 %	70-130		03/02/23	03/04/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2309061
Diesel Range Organics (C10-C28)	ND	25.0	1	03/03/23	03/03/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/03/23	03/03/23	
Surrogate: n-Nonane	101 %	50-200		03/03/23	03/03/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2309045
Chloride	ND	20.0	1	03/02/23	03/03/23	



Sample Data

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

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

Reported:
3/8/2023 2:06:54PM

S4 - 1'

E303005-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309042
Benzene	1.89	0.250	10	03/02/23	03/06/23	
Ethylbenzene	49.6	0.250	10	03/02/23	03/06/23	
Toluene	59.0	0.250	10	03/02/23	03/06/23	
o-Xylene	24.2	0.250	10	03/02/23	03/06/23	
p,m-Xylene	46.3	0.500	10	03/02/23	03/06/23	
Total Xylenes	70.5	0.250	10	03/02/23	03/06/23	
Surrogate: Bromofluorobenzene	89.0 %	70-130		03/02/23	03/06/23	
Surrogate: 1,2-Dichloroethane-d4	97.3 %	70-130		03/02/23	03/06/23	
Surrogate: Toluene-d8	107 %	70-130		03/02/23	03/06/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309042
Gasoline Range Organics (C6-C10)	1470	200	10	03/02/23	03/06/23	
Surrogate: Bromofluorobenzene	89.0 %	70-130		03/02/23	03/06/23	
Surrogate: 1,2-Dichloroethane-d4	97.3 %	70-130		03/02/23	03/06/23	
Surrogate: Toluene-d8	107 %	70-130		03/02/23	03/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2309061
Diesel Range Organics (C10-C28)	9840	500	20	03/03/23	03/04/23	
Oil Range Organics (C28-C36)	3920	1000	20	03/03/23	03/04/23	
Surrogate: n-Nonane	71.4 %	50-200		03/03/23	03/04/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2309045
Chloride	ND	20.0	1	03/02/23	03/04/23	



Sample Data

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

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

Reported:
3/8/2023 2:06:54PM

S4 - 2'

E303005-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309042
Benzene	ND	0.125	5	03/02/23	03/06/23	
Ethylbenzene	1.00	0.125	5	03/02/23	03/06/23	
Toluene	0.243	0.125	5	03/02/23	03/06/23	
o-Xylene	0.853	0.125	5	03/02/23	03/06/23	
p,m-Xylene	1.29	0.250	5	03/02/23	03/06/23	
Total Xylenes	2.14	0.125	5	03/02/23	03/06/23	
Surrogate: Bromofluorobenzene	93.2 %	70-130		03/02/23	03/06/23	
Surrogate: 1,2-Dichloroethane-d4	95.3 %	70-130		03/02/23	03/06/23	
Surrogate: Toluene-d8	97.9 %	70-130		03/02/23	03/06/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309042
Gasoline Range Organics (C6-C10)	ND	100	5	03/02/23	03/06/23	
Surrogate: Bromofluorobenzene	93.2 %	70-130		03/02/23	03/06/23	
Surrogate: 1,2-Dichloroethane-d4	95.3 %	70-130		03/02/23	03/06/23	
Surrogate: Toluene-d8	97.9 %	70-130		03/02/23	03/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2309061
Diesel Range Organics (C10-C28)	1010	250	10	03/03/23	03/03/23	
Oil Range Organics (C28-C36)	ND	500	10	03/03/23	03/03/23	
Surrogate: n-Nonane	103 %	50-200		03/03/23	03/03/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2309045
Chloride	ND	20.0	1	03/02/23	03/04/23	



Sample Data

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

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

Reported:
3/8/2023 2:06:54PM

S4 - 3'

E303005-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309042
Benzene	ND	0.0250	1	03/02/23	03/04/23	
Ethylbenzene	0.0350	0.0250	1	03/02/23	03/04/23	
Toluene	0.0755	0.0250	1	03/02/23	03/04/23	
o-Xylene	ND	0.0250	1	03/02/23	03/04/23	
p,m-Xylene	ND	0.0500	1	03/02/23	03/04/23	
Total Xylenes	ND	0.0250	1	03/02/23	03/04/23	
Surrogate: Bromofluorobenzene	91.1 %	70-130		03/02/23	03/04/23	
Surrogate: 1,2-Dichloroethane-d4	93.5 %	70-130		03/02/23	03/04/23	
Surrogate: Toluene-d8	101 %	70-130		03/02/23	03/04/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309042
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/02/23	03/04/23	
Surrogate: Bromofluorobenzene	91.1 %	70-130		03/02/23	03/04/23	
Surrogate: 1,2-Dichloroethane-d4	93.5 %	70-130		03/02/23	03/04/23	
Surrogate: Toluene-d8	101 %	70-130		03/02/23	03/04/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2309061
Diesel Range Organics (C10-C28)	ND	25.0	1	03/03/23	03/03/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/03/23	03/03/23	
Surrogate: n-Nonane	92.5 %	50-200		03/03/23	03/03/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2309045
Chloride	ND	20.0	1	03/02/23	03/04/23	



Sample Data

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

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

Reported:
3/8/2023 2:06:54PM

S4 - 4'

E303005-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309042
Benzene	ND	0.0250	1	03/02/23	03/04/23	
Ethylbenzene	0.0380	0.0250	1	03/02/23	03/04/23	
Toluene	0.120	0.0250	1	03/02/23	03/04/23	
o-Xylene	ND	0.0250	1	03/02/23	03/04/23	
p,m-Xylene	ND	0.0500	1	03/02/23	03/04/23	
Total Xylenes	ND	0.0250	1	03/02/23	03/04/23	
Surrogate: Bromofluorobenzene	92.3 %	70-130		03/02/23	03/04/23	
Surrogate: 1,2-Dichloroethane-d4	92.6 %	70-130		03/02/23	03/04/23	
Surrogate: Toluene-d8	99.6 %	70-130		03/02/23	03/04/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309042
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/02/23	03/04/23	
Surrogate: Bromofluorobenzene	92.3 %	70-130		03/02/23	03/04/23	
Surrogate: 1,2-Dichloroethane-d4	92.6 %	70-130		03/02/23	03/04/23	
Surrogate: Toluene-d8	99.6 %	70-130		03/02/23	03/04/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2309061
Diesel Range Organics (C10-C28)	ND	25.0	1	03/03/23	03/03/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/03/23	03/03/23	
Surrogate: n-Nonane	96.6 %	50-200		03/03/23	03/03/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2309045
Chloride	ND	20.0	1	03/02/23	03/04/23	



Sample Data

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

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

Reported:
3/8/2023 2:06:54PM

S5 - 1'

E303005-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309042
Benzene	5.88	0.250	10	03/02/23	03/06/23	
Ethylbenzene	57.2	0.250	10	03/02/23	03/06/23	
Toluene	80.0	0.250	10	03/02/23	03/06/23	
o-Xylene	27.4	0.250	10	03/02/23	03/06/23	
p,m-Xylene	53.8	0.500	10	03/02/23	03/06/23	
Total Xylenes	81.2	0.250	10	03/02/23	03/06/23	
Surrogate: Bromofluorobenzene	87.5 %	70-130		03/02/23	03/06/23	
Surrogate: 1,2-Dichloroethane-d4	95.7 %	70-130		03/02/23	03/06/23	
Surrogate: Toluene-d8	108 %	70-130		03/02/23	03/06/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309042
Gasoline Range Organics (C6-C10)	1800	200	10	03/02/23	03/06/23	
Surrogate: Bromofluorobenzene	87.5 %	70-130		03/02/23	03/06/23	
Surrogate: 1,2-Dichloroethane-d4	95.7 %	70-130		03/02/23	03/06/23	
Surrogate: Toluene-d8	108 %	70-130		03/02/23	03/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2309061
Diesel Range Organics (C10-C28)	8310	500	20	03/03/23	03/04/23	
Oil Range Organics (C28-C36)	3240	1000	20	03/03/23	03/04/23	
Surrogate: n-Nonane	68.5 %	50-200		03/03/23	03/04/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2309045
Chloride	ND	20.0	1	03/02/23	03/04/23	



Sample Data

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

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

Reported:
3/8/2023 2:06:54PM

S5 - 2'

E303005-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309042
Benzene	ND	0.0500	2	03/02/23	03/06/23	
Ethylbenzene	2.07	0.0500	2	03/02/23	03/06/23	
Toluene	0.520	0.0500	2	03/02/23	03/06/23	
o-Xylene	1.45	0.0500	2	03/02/23	03/06/23	
p,m-Xylene	2.40	0.100	2	03/02/23	03/06/23	
Total Xylenes	3.85	0.0500	2	03/02/23	03/06/23	
Surrogate: Bromofluorobenzene	89.8 %	70-130		03/02/23	03/06/23	
Surrogate: 1,2-Dichloroethane-d4	95.1 %	70-130		03/02/23	03/06/23	
Surrogate: Toluene-d8	101 %	70-130		03/02/23	03/06/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309042
Gasoline Range Organics (C6-C10)	106	40.0	2	03/02/23	03/06/23	
Surrogate: Bromofluorobenzene	89.8 %	70-130		03/02/23	03/06/23	
Surrogate: 1,2-Dichloroethane-d4	95.1 %	70-130		03/02/23	03/06/23	
Surrogate: Toluene-d8	101 %	70-130		03/02/23	03/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2309061
Diesel Range Organics (C10-C28)	980	250	10	03/03/23	03/04/23	
Oil Range Organics (C28-C36)	ND	500	10	03/03/23	03/04/23	
Surrogate: n-Nonane	188 %	50-200		03/03/23	03/04/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2309045
Chloride	ND	20.0	1	03/02/23	03/04/23	



Sample Data

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

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

Reported:
3/8/2023 2:06:54PM

S5 - 3'

E303005-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309042
Benzene	ND	0.0250	1	03/02/23	03/04/23	
Ethylbenzene	0.0530	0.0250	1	03/02/23	03/04/23	
Toluene	0.128	0.0250	1	03/02/23	03/04/23	
o-Xylene	ND	0.0250	1	03/02/23	03/04/23	
p,m-Xylene	ND	0.0500	1	03/02/23	03/04/23	
Total Xylenes	ND	0.0250	1	03/02/23	03/04/23	
Surrogate: Bromofluorobenzene	91.6 %	70-130		03/02/23	03/04/23	
Surrogate: 1,2-Dichloroethane-d4	91.7 %	70-130		03/02/23	03/04/23	
Surrogate: Toluene-d8	101 %	70-130		03/02/23	03/04/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309042
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/02/23	03/04/23	
Surrogate: Bromofluorobenzene	91.6 %	70-130		03/02/23	03/04/23	
Surrogate: 1,2-Dichloroethane-d4	91.7 %	70-130		03/02/23	03/04/23	
Surrogate: Toluene-d8	101 %	70-130		03/02/23	03/04/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2309061
Diesel Range Organics (C10-C28)	ND	25.0	1	03/03/23	03/03/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/03/23	03/03/23	
Surrogate: n-Nonane	170 %	50-200		03/03/23	03/03/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2309045
Chloride	ND	20.0	1	03/02/23	03/04/23	



Sample Data

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

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

Reported:
3/8/2023 2:06:54PM

S5 - 4'

E303005-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309042
Benzene	ND	0.0250	1	03/02/23	03/04/23	
Ethylbenzene	ND	0.0250	1	03/02/23	03/04/23	
Toluene	0.0620	0.0250	1	03/02/23	03/04/23	
o-Xylene	ND	0.0250	1	03/02/23	03/04/23	
p,m-Xylene	ND	0.0500	1	03/02/23	03/04/23	
Total Xylenes	ND	0.0250	1	03/02/23	03/04/23	
Surrogate: Bromofluorobenzene	90.2 %	70-130		03/02/23	03/04/23	
Surrogate: 1,2-Dichloroethane-d4	94.0 %	70-130		03/02/23	03/04/23	
Surrogate: Toluene-d8	101 %	70-130		03/02/23	03/04/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309042
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/02/23	03/04/23	
Surrogate: Bromofluorobenzene	90.2 %	70-130		03/02/23	03/04/23	
Surrogate: 1,2-Dichloroethane-d4	94.0 %	70-130		03/02/23	03/04/23	
Surrogate: Toluene-d8	101 %	70-130		03/02/23	03/04/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2309061
Diesel Range Organics (C10-C28)	ND	25.0	1	03/03/23	03/03/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/03/23	03/03/23	
Surrogate: n-Nonane	169 %	50-200		03/03/23	03/03/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2309045
Chloride	ND	20.0	1	03/02/23	03/04/23	



Sample Data

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

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

Reported:
3/8/2023 2:06:54PM

S6 - 1'

E303005-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309041
Benzene	3.23	0.500	20	03/02/23	03/06/23	
Ethylbenzene	51.6	0.500	20	03/02/23	03/06/23	
Toluene	61.9	0.500	20	03/02/23	03/06/23	
o-Xylene	23.5	0.500	20	03/02/23	03/06/23	
p,m-Xylene	48.4	1.00	20	03/02/23	03/06/23	
Total Xylenes	71.9	0.500	20	03/02/23	03/06/23	
Surrogate: Bromofluorobenzene	104 %	70-130		03/02/23	03/06/23	
Surrogate: 1,2-Dichloroethane-d4	96.2 %	70-130		03/02/23	03/06/23	
Surrogate: Toluene-d8	106 %	70-130		03/02/23	03/06/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309041
Gasoline Range Organics (C6-C10)	1720	400	20	03/02/23	03/06/23	
Surrogate: Bromofluorobenzene	104 %	70-130		03/02/23	03/06/23	
Surrogate: 1,2-Dichloroethane-d4	96.2 %	70-130		03/02/23	03/06/23	
Surrogate: Toluene-d8	106 %	70-130		03/02/23	03/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2309063
Diesel Range Organics (C10-C28)	9490	500	20	03/03/23	03/06/23	
Oil Range Organics (C28-C36)	2690	1000	20	03/03/23	03/06/23	
Surrogate: n-Nonane	242 %	50-200		03/03/23	03/06/23	S3
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2309049
Chloride	ND	20.0	1	03/02/23	03/04/23	



Sample Data

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

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

Reported:
3/8/2023 2:06:54PM

S6 - 2'

E303005-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309041
Benzene	ND	0.0250	1	03/02/23	03/06/23	
Ethylbenzene	2.06	0.0250	1	03/02/23	03/06/23	
Toluene	0.652	0.0250	1	03/02/23	03/06/23	
o-Xylene	1.29	0.0250	1	03/02/23	03/06/23	
p,m-Xylene	2.29	0.0500	1	03/02/23	03/06/23	
Total Xylenes	3.58	0.0250	1	03/02/23	03/06/23	
Surrogate: Bromofluorobenzene		100 %	70-130	03/02/23	03/06/23	
Surrogate: 1,2-Dichloroethane-d4		91.0 %	70-130	03/02/23	03/06/23	
Surrogate: Toluene-d8		104 %	70-130	03/02/23	03/06/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309041
Gasoline Range Organics (C6-C10)	91.7	20.0	1	03/02/23	03/06/23	
Surrogate: Bromofluorobenzene		100 %	70-130	03/02/23	03/06/23	
Surrogate: 1,2-Dichloroethane-d4		91.0 %	70-130	03/02/23	03/06/23	
Surrogate: Toluene-d8		104 %	70-130	03/02/23	03/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2309063
Diesel Range Organics (C10-C28)	960	25.0	1	03/03/23	03/06/23	
Oil Range Organics (C28-C36)	310	50.0	1	03/03/23	03/06/23	
Surrogate: n-Nonane		107 %	50-200	03/03/23	03/06/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2309049
Chloride	ND	20.0	1	03/02/23	03/04/23	



Sample Data

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

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

Reported:
3/8/2023 2:06:54PM

S6 - 3'

E303005-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309041
Benzene	ND	0.0250	1	03/02/23	03/06/23	
Ethylbenzene	0.0325	0.0250	1	03/02/23	03/06/23	
Toluene	0.0720	0.0250	1	03/02/23	03/06/23	
o-Xylene	ND	0.0250	1	03/02/23	03/06/23	
p,m-Xylene	ND	0.0500	1	03/02/23	03/06/23	
Total Xylenes	ND	0.0250	1	03/02/23	03/06/23	
Surrogate: Bromofluorobenzene	95.9 %	70-130		03/02/23	03/06/23	
Surrogate: 1,2-Dichloroethane-d4	96.1 %	70-130		03/02/23	03/06/23	
Surrogate: Toluene-d8	105 %	70-130		03/02/23	03/06/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309041
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/02/23	03/06/23	
Surrogate: Bromofluorobenzene	95.9 %	70-130		03/02/23	03/06/23	
Surrogate: 1,2-Dichloroethane-d4	96.1 %	70-130		03/02/23	03/06/23	
Surrogate: Toluene-d8	105 %	70-130		03/02/23	03/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2309063
Diesel Range Organics (C10-C28)	ND	25.0	1	03/03/23	03/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/03/23	03/08/23	
Surrogate: n-Nonane	107 %	50-200		03/03/23	03/08/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2309049
Chloride	ND	20.0	1	03/02/23	03/04/23	



Sample Data

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

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

Reported:
3/8/2023 2:06:54PM

S6 - 4'

E303005-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309041
Benzene	ND	0.0250	1	03/02/23	03/06/23	
Ethylbenzene	ND	0.0250	1	03/02/23	03/06/23	
Toluene	ND	0.0250	1	03/02/23	03/06/23	
o-Xylene	ND	0.0250	1	03/02/23	03/06/23	
p,m-Xylene	ND	0.0500	1	03/02/23	03/06/23	
Total Xylenes	ND	0.0250	1	03/02/23	03/06/23	
Surrogate: Bromofluorobenzene	95.3 %	70-130		03/02/23	03/06/23	
Surrogate: 1,2-Dichloroethane-d4	96.3 %	70-130		03/02/23	03/06/23	
Surrogate: Toluene-d8	104 %	70-130		03/02/23	03/06/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309041
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/02/23	03/06/23	
Surrogate: Bromofluorobenzene	95.3 %	70-130		03/02/23	03/06/23	
Surrogate: 1,2-Dichloroethane-d4	96.3 %	70-130		03/02/23	03/06/23	
Surrogate: Toluene-d8	104 %	70-130		03/02/23	03/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2309063
Diesel Range Organics (C10-C28)	ND	25.0	1	03/03/23	03/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/03/23	03/08/23	
Surrogate: n-Nonane	114 %	50-200		03/03/23	03/08/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2309049
Chloride	ND	20.0	1	03/02/23	03/04/23	



Sample Data

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

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

Reported:
3/8/2023 2:06:54PM

SW1

E303005-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309041
Benzene	ND	0.0250	1	03/02/23	03/02/23	
Ethylbenzene	ND	0.0250	1	03/02/23	03/02/23	
Toluene	ND	0.0250	1	03/02/23	03/02/23	
o-Xylene	ND	0.0250	1	03/02/23	03/02/23	
p,m-Xylene	ND	0.0500	1	03/02/23	03/02/23	
Total Xylenes	ND	0.0250	1	03/02/23	03/02/23	
Surrogate: Bromofluorobenzene	95.6 %	70-130		03/02/23	03/02/23	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		03/02/23	03/02/23	
Surrogate: Toluene-d8	104 %	70-130		03/02/23	03/02/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309041
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/02/23	03/02/23	
Surrogate: Bromofluorobenzene	95.6 %	70-130		03/02/23	03/02/23	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		03/02/23	03/02/23	
Surrogate: Toluene-d8	104 %	70-130		03/02/23	03/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2309063
Diesel Range Organics (C10-C28)	ND	25.0	1	03/03/23	03/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/03/23	03/06/23	
Surrogate: n-Nonane	99.4 %	50-200		03/03/23	03/06/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2309049
Chloride	ND	20.0	1	03/02/23	03/04/23	



Sample Data

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

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

Reported:
3/8/2023 2:06:54PM

SW2

E303005-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309041
Benzene	ND	0.0250	1	03/02/23	03/03/23	
Ethylbenzene	ND	0.0250	1	03/02/23	03/03/23	
Toluene	ND	0.0250	1	03/02/23	03/03/23	
o-Xylene	ND	0.0250	1	03/02/23	03/03/23	
p,m-Xylene	ND	0.0500	1	03/02/23	03/03/23	
Total Xylenes	ND	0.0250	1	03/02/23	03/03/23	
Surrogate: Bromofluorobenzene	93.5 %	70-130		03/02/23	03/03/23	
Surrogate: 1,2-Dichloroethane-d4	97.4 %	70-130		03/02/23	03/03/23	
Surrogate: Toluene-d8	105 %	70-130		03/02/23	03/03/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309041
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/02/23	03/03/23	
Surrogate: Bromofluorobenzene	93.5 %	70-130		03/02/23	03/03/23	
Surrogate: 1,2-Dichloroethane-d4	97.4 %	70-130		03/02/23	03/03/23	
Surrogate: Toluene-d8	105 %	70-130		03/02/23	03/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2309063
Diesel Range Organics (C10-C28)	ND	25.0	1	03/03/23	03/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/03/23	03/08/23	
Surrogate: n-Nonane	107 %	50-200		03/03/23	03/08/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2309049
Chloride	ND	20.0	1	03/02/23	03/04/23	



Sample Data

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

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

Reported:
3/8/2023 2:06:54PM

SW3

E303005-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309041
Benzene	ND	0.0250	1	03/02/23	03/03/23	
Ethylbenzene	ND	0.0250	1	03/02/23	03/03/23	
Toluene	ND	0.0250	1	03/02/23	03/03/23	
o-Xylene	ND	0.0250	1	03/02/23	03/03/23	
p,m-Xylene	ND	0.0500	1	03/02/23	03/03/23	
Total Xylenes	ND	0.0250	1	03/02/23	03/03/23	
Surrogate: Bromofluorobenzene	93.9 %	70-130		03/02/23	03/03/23	
Surrogate: 1,2-Dichloroethane-d4	99.3 %	70-130		03/02/23	03/03/23	
Surrogate: Toluene-d8	105 %	70-130		03/02/23	03/03/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309041
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/02/23	03/03/23	
Surrogate: Bromofluorobenzene	93.9 %	70-130		03/02/23	03/03/23	
Surrogate: 1,2-Dichloroethane-d4	99.3 %	70-130		03/02/23	03/03/23	
Surrogate: Toluene-d8	105 %	70-130		03/02/23	03/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2309063
Diesel Range Organics (C10-C28)	ND	25.0	1	03/03/23	03/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/03/23	03/08/23	
Surrogate: n-Nonane	113 %	50-200		03/03/23	03/08/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2309049
Chloride	ND	20.0	1	03/02/23	03/04/23	



Sample Data

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

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

Reported:
3/8/2023 2:06:54PM

SW4

E303005-28

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309041
Benzene	ND	0.0250	1	03/02/23	03/03/23	
Ethylbenzene	ND	0.0250	1	03/02/23	03/03/23	
Toluene	ND	0.0250	1	03/02/23	03/03/23	
o-Xylene	ND	0.0250	1	03/02/23	03/03/23	
p,m-Xylene	ND	0.0500	1	03/02/23	03/03/23	
Total Xylenes	ND	0.0250	1	03/02/23	03/03/23	
Surrogate: Bromofluorobenzene	92.7 %	70-130		03/02/23	03/03/23	
Surrogate: 1,2-Dichloroethane-d4	99.4 %	70-130		03/02/23	03/03/23	
Surrogate: Toluene-d8	105 %	70-130		03/02/23	03/03/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309041
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/02/23	03/03/23	
Surrogate: Bromofluorobenzene	92.7 %	70-130		03/02/23	03/03/23	
Surrogate: 1,2-Dichloroethane-d4	99.4 %	70-130		03/02/23	03/03/23	
Surrogate: Toluene-d8	105 %	70-130		03/02/23	03/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2309063
Diesel Range Organics (C10-C28)	ND	25.0	1	03/03/23	03/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/03/23	03/08/23	
Surrogate: n-Nonane	114 %	50-200		03/03/23	03/08/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2309049
Chloride	ND	20.0	1	03/02/23	03/04/23	



Sample Data

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

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

Reported:
3/8/2023 2:06:54PM

BG1

E303005-29

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309041
Benzene	ND	0.0250	1	03/02/23	03/03/23	
Ethylbenzene	ND	0.0250	1	03/02/23	03/03/23	
Toluene	ND	0.0250	1	03/02/23	03/03/23	
o-Xylene	ND	0.0250	1	03/02/23	03/03/23	
p,m-Xylene	ND	0.0500	1	03/02/23	03/03/23	
Total Xylenes	ND	0.0250	1	03/02/23	03/03/23	
Surrogate: Bromofluorobenzene	93.8 %	70-130		03/02/23	03/03/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		03/02/23	03/03/23	
Surrogate: Toluene-d8	105 %	70-130		03/02/23	03/03/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309041
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/02/23	03/03/23	
Surrogate: Bromofluorobenzene	93.8 %	70-130		03/02/23	03/03/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		03/02/23	03/03/23	
Surrogate: Toluene-d8	105 %	70-130		03/02/23	03/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2309063
Diesel Range Organics (C10-C28)	ND	25.0	1	03/03/23	03/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/03/23	03/08/23	
Surrogate: n-Nonane	112 %	50-200		03/03/23	03/08/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2309049
Chloride	ND	20.0	1	03/02/23	03/04/23	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Allied Fed 7H Battery	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/8/2023 2:06:54PM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

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

Blank (2309041-BLK1)

Prepared: 03/02/23 Analyzed: 03/02/23

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: Bromofluorobenzene	0.481		0.500		96.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.517		0.500		103	70-130			
Surrogate: Toluene-d8	0.519		0.500		104	70-130			

LCS (2309041-BS1)

Prepared: 03/02/23 Analyzed: 03/02/23

Benzene	2.17	0.0250	2.50		86.9	70-130			
Ethylbenzene	2.32	0.0250	2.50		92.7	70-130			
Toluene	2.26	0.0250	2.50		90.2	70-130			
o-Xylene	2.38	0.0250	2.50		95.3	70-130			
p,m-Xylene	4.71	0.0500	5.00		94.2	70-130			
Total Xylenes	7.09	0.0250	7.50		94.5	70-130			
Surrogate: Bromofluorobenzene	0.518		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.520		0.500		104	70-130			
Surrogate: Toluene-d8	0.509		0.500		102	70-130			

Matrix Spike (2309041-MS1)

Source: E303004-21

Prepared: 03/02/23 Analyzed: 03/02/23

Benzene	2.13	0.0250	2.50	ND	85.2	48-131			
Ethylbenzene	2.31	0.0250	2.50	ND	92.4	45-135			
Toluene	2.24	0.0250	2.50	ND	89.5	48-130			
o-Xylene	2.37	0.0250	2.50	ND	94.7	43-135			
p,m-Xylene	4.65	0.0500	5.00	ND	93.0	43-135			
Total Xylenes	7.02	0.0250	7.50	ND	93.6	43-135			
Surrogate: Bromofluorobenzene	0.521		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.519		0.500		104	70-130			
Surrogate: Toluene-d8	0.506		0.500		101	70-130			

Matrix Spike Dup (2309041-MSD1)

Source: E303004-21

Prepared: 03/02/23 Analyzed: 03/02/23

Benzene	2.18	0.0250	2.50	ND	87.2	48-131	2.27	23	
Ethylbenzene	2.33	0.0250	2.50	ND	93.0	45-135	0.626	27	
Toluene	2.28	0.0250	2.50	ND	91.1	48-130	1.77	24	
o-Xylene	2.40	0.0250	2.50	ND	96.2	43-135	1.49	27	
p,m-Xylene	4.72	0.0500	5.00	ND	94.5	43-135	1.56	27	
Total Xylenes	7.13	0.0250	7.50	ND	95.0	43-135	1.53	27	
Surrogate: Bromofluorobenzene	0.517		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.514		0.500		103	70-130			
Surrogate: Toluene-d8	0.508		0.500		102	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Allied Fed 7H Battery	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/8/2023 2:06:54PM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

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

Blank (2309042-BLK1)

Prepared: 03/02/23 Analyzed: 03/03/23

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: Bromofluorobenzene	0.459		0.500		91.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.479		0.500		95.8	70-130			
Surrogate: Toluene-d8	0.506		0.500		101	70-130			

LCS (2309042-BS1)

Prepared: 03/02/23 Analyzed: 03/03/23

Benzene	2.46	0.0250	2.50		98.4	70-130			
Ethylbenzene	2.46	0.0250	2.50		98.5	70-130			
Toluene	2.51	0.0250	2.50		100	70-130			
o-Xylene	2.60	0.0250	2.50		104	70-130			
p,m-Xylene	5.01	0.0500	5.00		100	70-130			
Total Xylenes	7.61	0.0250	7.50		101	70-130			
Surrogate: Bromofluorobenzene	0.468		0.500		93.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.469		0.500		93.7	70-130			
Surrogate: Toluene-d8	0.502		0.500		100	70-130			

Matrix Spike (2309042-MS1)

Source: E303005-01

Prepared: 03/02/23 Analyzed: 03/06/23

Benzene	27.1	0.250	25.0	1.57	102	48-131			
Ethylbenzene	60.9	0.250	25.0	32.0	116	45-135			
Toluene	67.9	0.250	25.0	37.0	123	48-130			
o-Xylene	45.1	0.250	25.0	15.7	117	43-135			
p,m-Xylene	86.2	0.500	50.0	30.1	112	43-135			
Total Xylenes	131	0.250	75.0	45.8	114	43-135			
Surrogate: Bromofluorobenzene	4.59		5.00		91.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	4.69		5.00		93.7	70-130			
Surrogate: Toluene-d8	5.20		5.00		104	70-130			

Matrix Spike Dup (2309042-MSD1)

Source: E303005-01

Prepared: 03/02/23 Analyzed: 03/06/23

Benzene	30.4	0.250	25.0	1.57	115	48-131	11.2	23	G1
Ethylbenzene	90.0	0.250	25.0	32.0	232	45-135	38.5	27	M4, R4
Toluene	111	0.250	25.0	37.0	295	48-130	48.0	24	E1, M4, R4
o-Xylene	61.3	0.250	25.0	15.7	182	43-135	30.5	27	M4, R4
p,m-Xylene	117	0.500	50.0	30.1	174	43-135	30.6	27	M4, R4
Total Xylenes	179	0.250	75.0	45.8	177	43-135	30.6	27	M4, R4
Surrogate: Bromofluorobenzene	4.46		5.00		89.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	4.76		5.00		95.1	70-130			
Surrogate: Toluene-d8	5.40		5.00		108	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Allied Fed 7H Battery	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/8/2023 2:06:54PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

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

Blank (2309041-BLK1)

Prepared: 03/02/23 Analyzed: 03/02/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.481		0.500		96.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.517		0.500		103	70-130			
Surrogate: Toluene-d8	0.519		0.500		104	70-130			

LCS (2309041-BS2)

Prepared: 03/02/23 Analyzed: 03/02/23

Gasoline Range Organics (C6-C10)	46.4	20.0	50.0		92.9	70-130			
Surrogate: Bromofluorobenzene	0.510		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.522		0.500		104	70-130			
Surrogate: Toluene-d8	0.509		0.500		102	70-130			

Matrix Spike (2309041-MS2)

Source: E303004-21

Prepared: 03/02/23 Analyzed: 03/02/23

Gasoline Range Organics (C6-C10)	53.9	20.0	50.0	ND	108	70-130			
Surrogate: Bromofluorobenzene	0.491		0.500		98.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.499		0.500		99.7	70-130			
Surrogate: Toluene-d8	0.520		0.500		104	70-130			

Matrix Spike Dup (2309041-MSD2)

Source: E303004-21

Prepared: 03/02/23 Analyzed: 03/02/23

Gasoline Range Organics (C6-C10)	48.6	20.0	50.0	ND	97.3	70-130	10.4	20	
Surrogate: Bromofluorobenzene	0.503		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.504		0.500		101	70-130			
Surrogate: Toluene-d8	0.515		0.500		103	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Allied Fed 7H Battery	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/8/2023 2:06:54PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

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

Blank (2309042-BLK1)

Prepared: 03/02/23 Analyzed: 03/03/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.459		0.500		91.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.479		0.500		95.8	70-130			
Surrogate: Toluene-d8	0.506		0.500		101	70-130			

LCS (2309042-BS2)

Prepared: 03/02/23 Analyzed: 03/03/23

Gasoline Range Organics (C6-C10)	48.1	20.0	50.0		96.2	70-130			
Surrogate: Bromofluorobenzene	0.455		0.500		91.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.443		0.500		88.5	70-130			
Surrogate: Toluene-d8	0.512		0.500		102	70-130			

Matrix Spike (2309042-MS2)

Source: E303005-01

Prepared: 03/02/23 Analyzed: 03/06/23

Gasoline Range Organics (C6-C10)	1710	200	500	1060	130	70-130			
Surrogate: Bromofluorobenzene	4.47		5.00		89.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	4.62		5.00		92.3	70-130			
Surrogate: Toluene-d8	5.31		5.00		106	70-130			

Matrix Spike Dup (2309042-MSD2)

Source: E303005-01

Prepared: 03/02/23 Analyzed: 03/06/23

Gasoline Range Organics (C6-C10)	2510	200	500	1060	289	70-130	37.7	20	M4, R4
Surrogate: Bromofluorobenzene	4.52		5.00		90.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	4.83		5.00		96.5	70-130			
Surrogate: Toluene-d8	5.47		5.00		109	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Allied Fed 7H Battery	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/8/2023 2:06:54PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2309061-BLK1)					Prepared: 03/03/23 Analyzed: 03/03/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	45.9		50.0		91.7	50-200			

LCS (2309061-BS1)					Prepared: 03/03/23 Analyzed: 03/03/23				
Diesel Range Organics (C10-C28)	258	25.0	250		103	38-132			
Surrogate: n-Nonane	47.4		50.0		94.8	50-200			

Matrix Spike (2309061-MS1)					Source: E303005-01		Prepared: 03/03/23 Analyzed: 03/04/23		
Diesel Range Organics (C10-C28)	8820	500	250	7870	380	38-132			M2
Surrogate: n-Nonane	31.9		50.0		63.8	50-200			

Matrix Spike Dup (2309061-MSD1)					Source: E303005-01		Prepared: 03/03/23 Analyzed: 03/04/23		
Diesel Range Organics (C10-C28)	8780	500	250	7870	361	38-132	0.532	20	M2
Surrogate: n-Nonane	32.1		50.0		64.2	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Allied Fed 7H Battery	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/8/2023 2:06:54PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2309063-BLK1)					Prepared: 03/03/23 Analyzed: 03/06/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.4		50.0		96.8	50-200			

LCS (2309063-BS1)					Prepared: 03/03/23 Analyzed: 03/06/23				
Diesel Range Organics (C10-C28)	236	25.0	250		94.2	38-132			
Surrogate: n-Nonane	49.8		50.0		99.6	50-200			

Matrix Spike (2309063-MS1)					Source: E303005-25		Prepared: 03/03/23 Analyzed: 03/06/23		
Diesel Range Organics (C10-C28)	251	25.0	250	ND	100	38-132			
Surrogate: n-Nonane	50.5		50.0		101	50-200			

Matrix Spike Dup (2309063-MSD1)					Source: E303005-25		Prepared: 03/03/23 Analyzed: 03/06/23		
Diesel Range Organics (C10-C28)	270	25.0	250	ND	108	38-132	7.51	20	
Surrogate: n-Nonane	50.6		50.0		101	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Allied Fed 7H Battery	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/8/2023 2:06:54PM

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 (2309045-BLK1)					Prepared: 03/02/23 Analyzed: 03/03/23				
Chloride	ND	20.0							
LCS (2309045-BS1)					Prepared: 03/02/23 Analyzed: 03/03/23				
Chloride	274	20.0	250		110	90-110			
Matrix Spike (2309045-MS1)					Source: E303005-01		Prepared: 03/02/23 Analyzed: 03/03/23		
Chloride	274	20.0	250	ND	110	80-120			
Matrix Spike Dup (2309045-MSD1)					Source: E303005-01		Prepared: 03/02/23 Analyzed: 03/03/23		
Chloride	275	20.0	250	ND	110	80-120	0.320	20	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Allied Fed 7H Battery	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	3/8/2023 2:06:54PM

Anions by EPA 300.0/9056A

Analyst: BA

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

Blank (2309049-BLK1)					Prepared: 03/02/23 Analyzed: 03/04/23				
Chloride	ND	20.0							
LCS (2309049-BS1)					Prepared: 03/02/23 Analyzed: 03/04/23				
Chloride	259	20.0	250		104	90-110			
Matrix Spike (2309049-MS1)					Source: E303004-21		Prepared: 03/02/23 Analyzed: 03/04/23		
Chloride	260	20.0	250	ND	104	80-120			
Matrix Spike Dup (2309049-MSD1)					Source: E303004-21		Prepared: 03/02/23 Analyzed: 03/04/23		
Chloride	260	20.0	250	ND	104	80-120	0.136	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 Fed 7H Battery	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	03/08/23 14:06

- E1 Concentration estimated. Analyte exceeded calibration range.
- G1 Possible inhomogeneity in sample causing RPD failure and high recovery.
- M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
- M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
- R4 The RPD exceeded the acceptance limit. Sample visually appears to be non-homogenous.
- S3 Surrogate spike recovery was outside acceptance limits. LCS spike recovery was acceptable.
- 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 3

Client: Pima Environmental Services		Bill To		Lab Use Only		TAT		EPA Program	
Project: Allied Fed 7 H Battery		Attention: Devon		Lab WO# F 303005		Job Number 01058-0007		CWA SDWA	
Project Manager: Tom Bynum		Address:		Analysis and Method		1D 2D 3D Standard		RCRA	
Address: 5614 N. Lovington Hwy.		City, State, Zip		DRO/ORO by 8015		GRO/DRO by 8015		BTEX by 8021	
City, State, Zip Hobbs, NM, 88240		Phone:		VOC by 8260		Metals 6010		Chloride 300.0	
Phone: 580-748-1613		Email:		BGDOC NM		BGDOC TX		State	
Email: tom@pimaoil.com		Pima Project # 1-263		NM CO UT AZ TX		X		Remarks	
Report due by:									

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
8:00	2/28/23	S	1	S1-1'	1							X		
8:05				S1-2'	2									
8:10				S1-3'	3									
8:15				S1-4'	4									
8:20				S2-1'	5									
8:25				S2-2'	6									
8:30				S2-3'	7									
8:35				S2-4'	8									
8:40				S3-1'	9									
8:45				S3-2'	10									

Additional Instructions:

Billing #: 2114495

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: Audriana Bernaudis

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)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: 0 / N T1 T2 T3 AVG Temp °C 40
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
Relinquished by: (Signature)	3-1-23	2:00	Michelle Cayle	3-1-23	1400	
Relinquished by: (Signature)	3-1-23	1630	Michelle Cayle	3-1-23	1655	
Relinquished by: (Signature)	3-1-23	1655	Jane Zaffi	3/2/23	7:15	

Sample Matrix: S - Soil, Sl - Solid, Sg - Sludge, A - Aqueous, O - Other 2315

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

Project Information

Chain of Custody

Page 2 of 3

Client: Pima Environmental Services					Bill To		Lab Use Only				TAT				EPA Program	
Project: <u>Alfred Fed 2H Battery</u>					Attention: <u>Devon</u>		Lab WO# <u>E 303005</u>		Job Number <u>01058-0057</u>		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Tom Bynum					Address:		Analysis and Method								RCRA	
Address: <u>5614 N. Lovington Hwy.</u>					City, State, Zip		DRO/ORO by 8015		GRO/DRO by 8015		BTEX by 8021		VOC by 8260		Metals 6010	
City, State, Zip: <u>Hobbs, NM, 88240</u>					Phone:		Chloride 300.0									
Phone: <u>580-748-1613</u>					Email:											
Email: <u>tom@pimaoil.com</u>					Pima Project # <u>1-263</u>											
Report due by:																

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
8:50	2/28/23	S	1	S3-3'	11							X		
8:55				S3-4'	12									
9:00				S4-1'	13									
9:05				S4-2'	14									
9:10				S4-3'	15									
9:15				S4-4'	16									
9:20				S5-1'	17									
9:25				S5-2'	18									
9:30				S5-3'	19									
9:35				S5-4'	20									

Additional Instructions: Billing #: 2114495

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.

Relinquished by: (Signature) Adriana Bernuider Date 3-1-23 Time 2:00

Received by: (Signature) Michelle Gonzalez Date 3-1-23 Time 1400

Relinquished by: (Signature) Michelle Gonzalez Date 3-1-23 Time 1630

Received by: (Signature) Michelle Gonzalez Date 3-1-23 Time 1655

Relinquished by: (Signature) Michelle Gonzalez Date 3-1-23 Time 2315

Received by: (Signature) Jane Zibzi Date 3/2/23 Time 7:15

Sample Matrix: S - 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.

Project Information

Chain of Custody

Page 3 of 3

Client: Pima Environmental Services					Bill To		Lab Use Only				TAT				EPA Program		
Project: Allied Fed 7H Battery					Attention: Devon		Lab WO#		Job Number		1D	2D	3D	Standard	CWA	SDWA	
Project Manager: Tom Bynum					Address:		F 303005		10058-007					X			
Address: 5614 N. Lovington Hwy.					City, State, Zip		Analysis and Method								RCRA		
City, State, Zip: Hobbs, NM, 88240					Phone:		DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BDOC NM	BDOC TX	State	
Phone: 580-748-1613					Email:											NM	CO
Email: tom@pimaoil.com					Pima Project # 1-2003											UT	AZ
Report due by:																TX	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks											
9:40	2/28/23	S	1	Sl-1'	21												
9:45				Sl-2'	22												
9:50				Sl-3'	23												
9:55				Sl-4'	24												
10:00				SW1	25												
10:05				SW2	26												
10:10				SW3	27												
10:15				SW4	28												
10:20				BG1	29												

Additional Instructions:

Billing #: 2114495

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: Audriana Benavides

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)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: <input checked="" type="radio"/> Y / <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C 40
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
AS	3-1-23	2:00	Micelle Gynale	3-1-23	1400	
Micelle Gynale	3-1-23	1630		3-1-23	1655	
	3-1-23	2315	Juan Z...	3/2/23	7:15	

Sample Matrix: S - 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

Envirotech Analytical Laboratory

Printed: 3/2/2023 1:01:04PM

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:	03/02/23 07:15	Work Order ID:	E303005
Phone:	(575) 631-6977	Date Logged In:	03/02/23 10:23	Logged In By:	Caitlin Christian
Email:	tom@pimaoil.com	Due Date:	03/08/23 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/Resolution

White out present on COC when received from client.

Sample 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



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Allied 7 Fed. #1

Work Order: E306015

Job Number: 01058-0007

Received: 6/3/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/5/23

5796 U.S. Hwy 64
Farmington, NM 87401

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



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: 6/5/23

Tom Bynum
PO Box 247
Plains, TX 79355-0247



Project Name: Allied 7 Fed. #1
Workorder: E306015
Date Received: 6/3/2023 12:15:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/3/2023 12:15:00AM, under the Project Name: Allied 7 Fed. #1.

The analytical test results summarized in this report with the Project Name: Allied 7 Fed. #1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues 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

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
CSW-2	7
CSW-3	8
CSW-4	9
CSW-5	10
CSW-6	11
CSW-7	12
CSW-8	13
CSW-9	14
CSW-10	15
CSW-11	16
CSW-12	17
CS1 - 3'	18
CS2 - 3'	19
CS3 - 3'	20
CS4 - 3'	21
CS5 - 3'	22
CS6 - 3	23
QC Summary Data	24
QC - Volatile Organic Compounds by EPA8260B	24
QC - Nonhalogenated Organics by EPA 8015D - GRO	25
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	26

Table of Contents (continued)

QC - Anions by EPA 300.0/9056A	27
Definitions and Notes	28
Chain of Custody etc.	29

Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Allied 7 Fed. #1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	06/05/23 11:14

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CSW-1	E306015-01A	Soil	06/01/23	06/03/23	Glass Jar, 2 oz.
CSW-2	E306015-02A	Soil	06/01/23	06/03/23	Glass Jar, 2 oz.
CSW-3	E306015-03A	Soil	06/01/23	06/03/23	Glass Jar, 2 oz.
CSW-4	E306015-04A	Solid	06/01/23	06/03/23	Glass Jar, 2 oz.
CSW-5	E306015-05A	Soil	06/01/23	06/03/23	Glass Jar, 2 oz.
CSW-6	E306015-06A	Soil	06/01/23	06/03/23	Glass Jar, 2 oz.
CSW-7	E306015-07A	Soil	06/01/23	06/03/23	Glass Jar, 2 oz.
CSW-8	E306015-08A	Soil	06/01/23	06/03/23	Glass Jar, 2 oz.
CSW-9	E306015-09A	Soil	06/01/23	06/03/23	Glass Jar, 2 oz.
CSW-10	E306015-10A	Soil	06/01/23	06/03/23	Glass Jar, 2 oz.
CSW-11	E306015-11A	Soil	06/01/23	06/03/23	Glass Jar, 2 oz.
CSW-12	E306015-12A	Soil	06/01/23	06/03/23	Glass Jar, 2 oz.
CS1 - 3'	E306015-13A	Soil	06/01/23	06/03/23	Glass Jar, 2 oz.
CS2 - 3'	E306015-14A	Soil	06/01/23	06/03/23	Glass Jar, 2 oz.
CS3 - 3'	E306015-15A	Soil	06/01/23	06/03/23	Glass Jar, 2 oz.
CS4 - 3'	E306015-16A	Soil	05/31/23	06/03/23	Glass Jar, 2 oz.
CS5 - 3'	E306015-17A	Soil	05/31/23	06/03/23	Glass Jar, 2 oz.
CS6 - 3	E306015-18A	Soil	05/31/23	06/03/23	Glass Jar, 2 oz.



Sample Data

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

Project Name: Allied 7 Fed. #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
6/5/2023 11:14:32AM

CSW-1

E306015-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2322075
Benzene	ND	0.0250	1	06/03/23	06/03/23	
Ethylbenzene	ND	0.0250	1	06/03/23	06/03/23	
Toluene	ND	0.0250	1	06/03/23	06/03/23	
o-Xylene	ND	0.0250	1	06/03/23	06/03/23	
p,m-Xylene	ND	0.0500	1	06/03/23	06/03/23	
Total Xylenes	ND	0.0250	1	06/03/23	06/03/23	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	06/03/23	06/03/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.3 %	70-130	06/03/23	06/03/23	
<i>Surrogate: Toluene-d8</i>		101 %	70-130	06/03/23	06/03/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2322075
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/23	06/03/23	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	06/03/23	06/03/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.3 %	70-130	06/03/23	06/03/23	
<i>Surrogate: Toluene-d8</i>		101 %	70-130	06/03/23	06/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2322079
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/23	06/03/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/23	06/03/23	
<i>Surrogate: n-Nonane</i>		112 %	50-200	06/03/23	06/03/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2322066
Chloride	ND	20.0	1	06/02/23	06/03/23	



Sample Data

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

Project Name: Allied 7 Fed. #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
6/5/2023 11:14:32AM

CSW-2

E306015-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2322075
Benzene	ND	0.0250	1	06/03/23	06/03/23	
Ethylbenzene	ND	0.0250	1	06/03/23	06/03/23	
Toluene	ND	0.0250	1	06/03/23	06/03/23	
o-Xylene	ND	0.0250	1	06/03/23	06/03/23	
p,m-Xylene	ND	0.0500	1	06/03/23	06/03/23	
Total Xylenes	ND	0.0250	1	06/03/23	06/03/23	
Surrogate: Bromofluorobenzene		104 %	70-130	06/03/23	06/03/23	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130	06/03/23	06/03/23	
Surrogate: Toluene-d8		101 %	70-130	06/03/23	06/03/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2322075
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/23	06/03/23	
Surrogate: Bromofluorobenzene		104 %	70-130	06/03/23	06/03/23	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130	06/03/23	06/03/23	
Surrogate: Toluene-d8		101 %	70-130	06/03/23	06/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2322079
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/23	06/03/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/23	06/03/23	
Surrogate: n-Nonane		111 %	50-200	06/03/23	06/03/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2322066
Chloride	ND	20.0	1	06/02/23	06/03/23	



Sample Data

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

Project Name: Allied 7 Fed. #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
6/5/2023 11:14:32AM

CSW-3

E306015-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2322075
Benzene	ND	0.0250	1	06/03/23	06/03/23	
Ethylbenzene	ND	0.0250	1	06/03/23	06/03/23	
Toluene	ND	0.0250	1	06/03/23	06/03/23	
o-Xylene	ND	0.0250	1	06/03/23	06/03/23	
p,m-Xylene	ND	0.0500	1	06/03/23	06/03/23	
Total Xylenes	ND	0.0250	1	06/03/23	06/03/23	
Surrogate: Bromofluorobenzene		103 %	70-130	06/03/23	06/03/23	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130	06/03/23	06/03/23	
Surrogate: Toluene-d8		100 %	70-130	06/03/23	06/03/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2322075
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/23	06/03/23	
Surrogate: Bromofluorobenzene		103 %	70-130	06/03/23	06/03/23	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130	06/03/23	06/03/23	
Surrogate: Toluene-d8		100 %	70-130	06/03/23	06/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2322079
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/23	06/03/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/23	06/03/23	
Surrogate: n-Nonane		112 %	50-200	06/03/23	06/03/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2322066
Chloride	ND	20.0	1	06/02/23	06/03/23	



Sample Data

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

Project Name: Allied 7 Fed. #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
6/5/2023 11:14:32AM

CSW-4

E306015-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2322075
Benzene	ND	0.0250	1	06/03/23	06/03/23	
Ethylbenzene	ND	0.0250	1	06/03/23	06/03/23	
Toluene	ND	0.0250	1	06/03/23	06/03/23	
o-Xylene	ND	0.0250	1	06/03/23	06/03/23	
p,m-Xylene	ND	0.0500	1	06/03/23	06/03/23	
Total Xylenes	ND	0.0250	1	06/03/23	06/03/23	
Surrogate: Bromofluorobenzene		104 %	70-130	06/03/23	06/03/23	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130	06/03/23	06/03/23	
Surrogate: Toluene-d8		101 %	70-130	06/03/23	06/03/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2322075
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/23	06/03/23	
Surrogate: Bromofluorobenzene		104 %	70-130	06/03/23	06/03/23	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130	06/03/23	06/03/23	
Surrogate: Toluene-d8		101 %	70-130	06/03/23	06/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2322079
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/23	06/03/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/23	06/03/23	
Surrogate: n-Nonane		118 %	50-200	06/03/23	06/03/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2322066
Chloride	ND	20.0	1	06/02/23	06/03/23	



Sample Data

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

Project Name: Allied 7 Fed. #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
6/5/2023 11:14:32AM

CSW-5

E306015-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2322075
Benzene	ND	0.0250	1	06/03/23	06/03/23	
Ethylbenzene	ND	0.0250	1	06/03/23	06/03/23	
Toluene	ND	0.0250	1	06/03/23	06/03/23	
o-Xylene	ND	0.0250	1	06/03/23	06/03/23	
p,m-Xylene	ND	0.0500	1	06/03/23	06/03/23	
Total Xylenes	ND	0.0250	1	06/03/23	06/03/23	
Surrogate: Bromofluorobenzene		103 %	70-130	06/03/23	06/03/23	
Surrogate: 1,2-Dichloroethane-d4		94.6 %	70-130	06/03/23	06/03/23	
Surrogate: Toluene-d8		100 %	70-130	06/03/23	06/03/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2322075
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/23	06/03/23	
Surrogate: Bromofluorobenzene		103 %	70-130	06/03/23	06/03/23	
Surrogate: 1,2-Dichloroethane-d4		94.6 %	70-130	06/03/23	06/03/23	
Surrogate: Toluene-d8		100 %	70-130	06/03/23	06/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2322079
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/23	06/03/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/23	06/03/23	
Surrogate: n-Nonane		118 %	50-200	06/03/23	06/03/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2322066
Chloride	ND	20.0	1	06/02/23	06/03/23	



Sample Data

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

Project Name: Allied 7 Fed. #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
6/5/2023 11:14:32AM

CSW-6

E306015-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2322075
Benzene	ND	0.0250	1	06/03/23	06/03/23	
Ethylbenzene	ND	0.0250	1	06/03/23	06/03/23	
Toluene	ND	0.0250	1	06/03/23	06/03/23	
o-Xylene	ND	0.0250	1	06/03/23	06/03/23	
p,m-Xylene	ND	0.0500	1	06/03/23	06/03/23	
Total Xylenes	ND	0.0250	1	06/03/23	06/03/23	
Surrogate: Bromofluorobenzene		102 %	70-130	06/03/23	06/03/23	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130	06/03/23	06/03/23	
Surrogate: Toluene-d8		100 %	70-130	06/03/23	06/03/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2322075
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/23	06/03/23	
Surrogate: Bromofluorobenzene		102 %	70-130	06/03/23	06/03/23	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130	06/03/23	06/03/23	
Surrogate: Toluene-d8		100 %	70-130	06/03/23	06/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2322079
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/23	06/03/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/23	06/03/23	
Surrogate: n-Nonane		113 %	50-200	06/03/23	06/03/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2322066
Chloride	ND	20.0	1	06/02/23	06/03/23	



Sample Data

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

Project Name: Allied 7 Fed. #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
6/5/2023 11:14:32AM

CSW-7

E306015-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2322075
Benzene	ND	0.0250	1	06/03/23	06/03/23	
Ethylbenzene	ND	0.0250	1	06/03/23	06/03/23	
Toluene	ND	0.0250	1	06/03/23	06/03/23	
o-Xylene	ND	0.0250	1	06/03/23	06/03/23	
p,m-Xylene	ND	0.0500	1	06/03/23	06/03/23	
Total Xylenes	ND	0.0250	1	06/03/23	06/03/23	
Surrogate: Bromofluorobenzene		107 %	70-130	06/03/23	06/03/23	
Surrogate: 1,2-Dichloroethane-d4		95.5 %	70-130	06/03/23	06/03/23	
Surrogate: Toluene-d8		102 %	70-130	06/03/23	06/03/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2322075
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/23	06/03/23	
Surrogate: Bromofluorobenzene		107 %	70-130	06/03/23	06/03/23	
Surrogate: 1,2-Dichloroethane-d4		95.5 %	70-130	06/03/23	06/03/23	
Surrogate: Toluene-d8		102 %	70-130	06/03/23	06/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2322079
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/23	06/03/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/23	06/03/23	
Surrogate: n-Nonane		115 %	50-200	06/03/23	06/03/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2322066
Chloride	ND	20.0	1	06/02/23	06/03/23	



Sample Data

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

Project Name: Allied 7 Fed. #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
6/5/2023 11:14:32AM

CSW-8

E306015-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2322075
Benzene	ND	0.0250	1	06/03/23	06/03/23	
Ethylbenzene	ND	0.0250	1	06/03/23	06/03/23	
Toluene	ND	0.0250	1	06/03/23	06/03/23	
o-Xylene	ND	0.0250	1	06/03/23	06/03/23	
p,m-Xylene	ND	0.0500	1	06/03/23	06/03/23	
Total Xylenes	ND	0.0250	1	06/03/23	06/03/23	
Surrogate: Bromofluorobenzene		103 %	70-130	06/03/23	06/03/23	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130	06/03/23	06/03/23	
Surrogate: Toluene-d8		103 %	70-130	06/03/23	06/03/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2322075
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/23	06/03/23	
Surrogate: Bromofluorobenzene		103 %	70-130	06/03/23	06/03/23	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130	06/03/23	06/03/23	
Surrogate: Toluene-d8		103 %	70-130	06/03/23	06/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2322079
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/23	06/03/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/23	06/03/23	
Surrogate: n-Nonane		116 %	50-200	06/03/23	06/03/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2322066
Chloride	ND	20.0	1	06/02/23	06/03/23	



Sample Data

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

Project Name: Allied 7 Fed. #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
6/5/2023 11:14:32AM

CSW-9

E306015-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2322075
Benzene	ND	0.0250	1	06/03/23	06/03/23	
Ethylbenzene	ND	0.0250	1	06/03/23	06/03/23	
Toluene	ND	0.0250	1	06/03/23	06/03/23	
o-Xylene	ND	0.0250	1	06/03/23	06/03/23	
p,m-Xylene	ND	0.0500	1	06/03/23	06/03/23	
Total Xylenes	ND	0.0250	1	06/03/23	06/03/23	
Surrogate: Bromofluorobenzene		105 %	70-130	06/03/23	06/03/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	06/03/23	06/03/23	
Surrogate: Toluene-d8		101 %	70-130	06/03/23	06/03/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2322075
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/23	06/03/23	
Surrogate: Bromofluorobenzene		105 %	70-130	06/03/23	06/03/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	06/03/23	06/03/23	
Surrogate: Toluene-d8		101 %	70-130	06/03/23	06/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2322079
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/23	06/03/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/23	06/03/23	
Surrogate: n-Nonane		113 %	50-200	06/03/23	06/03/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2322066
Chloride	ND	20.0	1	06/02/23	06/03/23	



Sample Data

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

Project Name: Allied 7 Fed. #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
6/5/2023 11:14:32AM

CSW-10

E306015-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2322075
Benzene	ND	0.0250	1	06/03/23	06/03/23	
Ethylbenzene	ND	0.0250	1	06/03/23	06/03/23	
Toluene	ND	0.0250	1	06/03/23	06/03/23	
o-Xylene	ND	0.0250	1	06/03/23	06/03/23	
p,m-Xylene	ND	0.0500	1	06/03/23	06/03/23	
Total Xylenes	ND	0.0250	1	06/03/23	06/03/23	
Surrogate: Bromofluorobenzene		103 %	70-130	06/03/23	06/03/23	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130	06/03/23	06/03/23	
Surrogate: Toluene-d8		101 %	70-130	06/03/23	06/03/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2322075
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/23	06/03/23	
Surrogate: Bromofluorobenzene		103 %	70-130	06/03/23	06/03/23	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130	06/03/23	06/03/23	
Surrogate: Toluene-d8		101 %	70-130	06/03/23	06/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2322079
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/23	06/03/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/23	06/03/23	
Surrogate: n-Nonane		114 %	50-200	06/03/23	06/03/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2322066
Chloride	ND	20.0	1	06/02/23	06/03/23	



Sample Data

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

Project Name: Allied 7 Fed. #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
6/5/2023 11:14:32AM

CSW-11

E306015-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2322075
Benzene	ND	0.0250	1	06/03/23	06/03/23	
Ethylbenzene	ND	0.0250	1	06/03/23	06/03/23	
Toluene	ND	0.0250	1	06/03/23	06/03/23	
o-Xylene	ND	0.0250	1	06/03/23	06/03/23	
p,m-Xylene	ND	0.0500	1	06/03/23	06/03/23	
Total Xylenes	ND	0.0250	1	06/03/23	06/03/23	
Surrogate: Bromofluorobenzene		104 %	70-130	06/03/23	06/03/23	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130	06/03/23	06/03/23	
Surrogate: Toluene-d8		103 %	70-130	06/03/23	06/03/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2322075
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/23	06/03/23	
Surrogate: Bromofluorobenzene		104 %	70-130	06/03/23	06/03/23	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130	06/03/23	06/03/23	
Surrogate: Toluene-d8		103 %	70-130	06/03/23	06/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2322079
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/23	06/03/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/23	06/03/23	
Surrogate: n-Nonane		115 %	50-200	06/03/23	06/03/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2322066
Chloride	ND	20.0	1	06/02/23	06/03/23	



Sample Data

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

Project Name: Allied 7 Fed. #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
6/5/2023 11:14:32AM

CSW-12

E306015-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2322075
Benzene	ND	0.0250	1	06/03/23	06/03/23	
Ethylbenzene	ND	0.0250	1	06/03/23	06/03/23	
Toluene	ND	0.0250	1	06/03/23	06/03/23	
o-Xylene	ND	0.0250	1	06/03/23	06/03/23	
p,m-Xylene	ND	0.0500	1	06/03/23	06/03/23	
Total Xylenes	ND	0.0250	1	06/03/23	06/03/23	
Surrogate: Bromofluorobenzene		107 %	70-130	06/03/23	06/03/23	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130	06/03/23	06/03/23	
Surrogate: Toluene-d8		102 %	70-130	06/03/23	06/03/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2322075
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/23	06/03/23	
Surrogate: Bromofluorobenzene		107 %	70-130	06/03/23	06/03/23	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130	06/03/23	06/03/23	
Surrogate: Toluene-d8		102 %	70-130	06/03/23	06/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2322079
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/23	06/03/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/23	06/03/23	
Surrogate: n-Nonane		111 %	50-200	06/03/23	06/03/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2322066
Chloride	ND	20.0	1	06/02/23	06/03/23	



Sample Data

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

Project Name: Allied 7 Fed. #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
6/5/2023 11:14:32AM

CS1 - 3'

E306015-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2322075
Benzene	ND	0.0250	1	06/03/23	06/03/23	
Ethylbenzene	ND	0.0250	1	06/03/23	06/03/23	
Toluene	ND	0.0250	1	06/03/23	06/03/23	
o-Xylene	ND	0.0250	1	06/03/23	06/03/23	
p,m-Xylene	ND	0.0500	1	06/03/23	06/03/23	
Total Xylenes	ND	0.0250	1	06/03/23	06/03/23	
Surrogate: Bromofluorobenzene		105 %	70-130	06/03/23	06/03/23	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130	06/03/23	06/03/23	
Surrogate: Toluene-d8		101 %	70-130	06/03/23	06/03/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2322075
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/23	06/03/23	
Surrogate: Bromofluorobenzene		105 %	70-130	06/03/23	06/03/23	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130	06/03/23	06/03/23	
Surrogate: Toluene-d8		101 %	70-130	06/03/23	06/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2322079
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/23	06/03/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/23	06/03/23	
Surrogate: n-Nonane		111 %	50-200	06/03/23	06/03/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2322066
Chloride	ND	20.0	1	06/02/23	06/03/23	



Sample Data

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

Project Name: Allied 7 Fed. #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
6/5/2023 11:14:32AM

CS2 - 3'

E306015-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2322075
Benzene	ND	0.0250	1	06/03/23	06/03/23	
Ethylbenzene	ND	0.0250	1	06/03/23	06/03/23	
Toluene	ND	0.0250	1	06/03/23	06/03/23	
o-Xylene	ND	0.0250	1	06/03/23	06/03/23	
p,m-Xylene	ND	0.0500	1	06/03/23	06/03/23	
Total Xylenes	ND	0.0250	1	06/03/23	06/03/23	
Surrogate: Bromofluorobenzene		105 %	70-130	06/03/23	06/03/23	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130	06/03/23	06/03/23	
Surrogate: Toluene-d8		102 %	70-130	06/03/23	06/03/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2322075
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/23	06/03/23	
Surrogate: Bromofluorobenzene		105 %	70-130	06/03/23	06/03/23	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130	06/03/23	06/03/23	
Surrogate: Toluene-d8		102 %	70-130	06/03/23	06/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2322079
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/23	06/03/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/23	06/03/23	
Surrogate: n-Nonane		115 %	50-200	06/03/23	06/03/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2322066
Chloride	ND	20.0	1	06/02/23	06/03/23	



Sample Data

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

Project Name: Allied 7 Fed. #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
6/5/2023 11:14:32AM

CS3 - 3'

E306015-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2322075
Benzene	ND	0.0250	1	06/03/23	06/03/23	
Ethylbenzene	ND	0.0250	1	06/03/23	06/03/23	
Toluene	ND	0.0250	1	06/03/23	06/03/23	
o-Xylene	ND	0.0250	1	06/03/23	06/03/23	
p,m-Xylene	ND	0.0500	1	06/03/23	06/03/23	
Total Xylenes	ND	0.0250	1	06/03/23	06/03/23	
Surrogate: Bromofluorobenzene		106 %	70-130	06/03/23	06/03/23	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130	06/03/23	06/03/23	
Surrogate: Toluene-d8		105 %	70-130	06/03/23	06/03/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2322075
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/23	06/03/23	
Surrogate: Bromofluorobenzene		106 %	70-130	06/03/23	06/03/23	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130	06/03/23	06/03/23	
Surrogate: Toluene-d8		105 %	70-130	06/03/23	06/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2322079
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/23	06/03/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/23	06/03/23	
Surrogate: n-Nonane		115 %	50-200	06/03/23	06/03/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2322066
Chloride	ND	20.0	1	06/02/23	06/03/23	



Sample Data

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

Project Name: Allied 7 Fed. #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
6/5/2023 11:14:32AM

CS4 - 3'

E306015-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2322075
Benzene	ND	0.0250	1	06/03/23	06/03/23	
Ethylbenzene	ND	0.0250	1	06/03/23	06/03/23	
Toluene	ND	0.0250	1	06/03/23	06/03/23	
o-Xylene	ND	0.0250	1	06/03/23	06/03/23	
p,m-Xylene	ND	0.0500	1	06/03/23	06/03/23	
Total Xylenes	ND	0.0250	1	06/03/23	06/03/23	
Surrogate: Bromofluorobenzene		105 %	70-130	06/03/23	06/03/23	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130	06/03/23	06/03/23	
Surrogate: Toluene-d8		103 %	70-130	06/03/23	06/03/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2322075
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/23	06/03/23	
Surrogate: Bromofluorobenzene		105 %	70-130	06/03/23	06/03/23	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130	06/03/23	06/03/23	
Surrogate: Toluene-d8		103 %	70-130	06/03/23	06/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2322079
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/23	06/03/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/23	06/03/23	
Surrogate: n-Nonane		120 %	50-200	06/03/23	06/03/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2322066
Chloride	ND	20.0	1	06/02/23	06/03/23	



Sample Data

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

Project Name: Allied 7 Fed. #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
6/5/2023 11:14:32AM

CS5 - 3'

E306015-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2322075
Benzene	ND	0.0250	1	06/03/23	06/03/23	
Ethylbenzene	ND	0.0250	1	06/03/23	06/03/23	
Toluene	ND	0.0250	1	06/03/23	06/03/23	
o-Xylene	ND	0.0250	1	06/03/23	06/03/23	
p,m-Xylene	ND	0.0500	1	06/03/23	06/03/23	
Total Xylenes	ND	0.0250	1	06/03/23	06/03/23	
Surrogate: Bromofluorobenzene		106 %	70-130	06/03/23	06/03/23	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130	06/03/23	06/03/23	
Surrogate: Toluene-d8		102 %	70-130	06/03/23	06/03/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2322075
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/23	06/03/23	
Surrogate: Bromofluorobenzene		106 %	70-130	06/03/23	06/03/23	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130	06/03/23	06/03/23	
Surrogate: Toluene-d8		102 %	70-130	06/03/23	06/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2322079
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/23	06/03/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/23	06/03/23	
Surrogate: n-Nonane		115 %	50-200	06/03/23	06/03/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2322066
Chloride	ND	20.0	1	06/02/23	06/03/23	



Sample Data

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

Project Name: Allied 7 Fed. #1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
6/5/2023 11:14:32AM

CS6 - 3

E306015-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2322075
Benzene	ND	0.0250	1	06/03/23	06/03/23	
Ethylbenzene	ND	0.0250	1	06/03/23	06/03/23	
Toluene	ND	0.0250	1	06/03/23	06/03/23	
o-Xylene	ND	0.0250	1	06/03/23	06/03/23	
p,m-Xylene	ND	0.0500	1	06/03/23	06/03/23	
Total Xylenes	ND	0.0250	1	06/03/23	06/03/23	
Surrogate: Bromofluorobenzene		105 %	70-130	06/03/23	06/03/23	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130	06/03/23	06/03/23	
Surrogate: Toluene-d8		102 %	70-130	06/03/23	06/03/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2322075
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/23	06/03/23	
Surrogate: Bromofluorobenzene		105 %	70-130	06/03/23	06/03/23	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130	06/03/23	06/03/23	
Surrogate: Toluene-d8		102 %	70-130	06/03/23	06/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2322079
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/23	06/03/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/23	06/03/23	
Surrogate: n-Nonane		113 %	50-200	06/03/23	06/03/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2322066
Chloride	ND	20.0	1	06/02/23	06/03/23	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Allied 7 Fed. #1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/5/2023 11:14:32AM

Volatile Organic Compounds by EPA 8260B

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2322075-BLK1)

Prepared: 06/03/23 Analyzed: 06/03/23

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: Bromofluorobenzene	0.521		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.3	70-130			
Surrogate: Toluene-d8	0.502		0.500		100	70-130			

LCS (2322075-BS1)

Prepared: 06/03/23 Analyzed: 06/03/23

Benzene	2.02	0.0250	2.50		80.8	70-130			
Ethylbenzene	2.07	0.0250	2.50		82.9	70-130			
Toluene	2.04	0.0250	2.50		81.7	70-130			
o-Xylene	2.08	0.0250	2.50		83.1	70-130			
p,m-Xylene	4.10	0.0500	5.00		82.0	70-130			
Total Xylenes	6.18	0.0250	7.50		82.4	70-130			
Surrogate: Bromofluorobenzene	0.490		0.500		98.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.496		0.500		99.1	70-130			
Surrogate: Toluene-d8	0.503		0.500		101	70-130			

Matrix Spike (2322075-MS1)

Source: E306015-05

Prepared: 06/03/23 Analyzed: 06/03/23

Benzene	2.50	0.0250	2.50	ND	100	48-131			
Ethylbenzene	2.47	0.0250	2.50	ND	98.8	45-135			
Toluene	2.42	0.0250	2.50	ND	96.9	48-130			
o-Xylene	2.47	0.0250	2.50	ND	98.6	43-135			
p,m-Xylene	4.85	0.0500	5.00	ND	96.9	43-135			
Total Xylenes	7.31	0.0250	7.50	ND	97.5	43-135			
Surrogate: Bromofluorobenzene	0.498		0.500		99.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.8	70-130			
Surrogate: Toluene-d8	0.492		0.500		98.4	70-130			

Matrix Spike Dup (2322075-MSD1)

Source: E306015-05

Prepared: 06/03/23 Analyzed: 06/03/23

Benzene	2.34	0.0250	2.50	ND	93.8	48-131	6.50	23	
Ethylbenzene	2.37	0.0250	2.50	ND	94.7	45-135	4.26	27	
Toluene	2.33	0.0250	2.50	ND	93.1	48-130	4.02	24	
o-Xylene	2.40	0.0250	2.50	ND	95.8	43-135	2.86	27	
p,m-Xylene	4.72	0.0500	5.00	ND	94.4	43-135	2.60	27	
Total Xylenes	7.12	0.0250	7.50	ND	94.9	43-135	2.69	27	
Surrogate: Bromofluorobenzene	0.496		0.500		99.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.1	70-130			
Surrogate: Toluene-d8	0.498		0.500		99.6	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Allied 7 Fed. #1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/5/2023 11:14:32AM

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2322075-BLK1)

Prepared: 06/03/23 Analyzed: 06/03/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.521		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.3	70-130			
Surrogate: Toluene-d8	0.502		0.500		100	70-130			

LCS (2322075-BS2)

Prepared: 06/03/23 Analyzed: 06/03/23

Gasoline Range Organics (C6-C10)	53.0	20.0	50.0		106	70-130			
Surrogate: Bromofluorobenzene	0.528		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.486		0.500		97.1	70-130			
Surrogate: Toluene-d8	0.503		0.500		101	70-130			

Matrix Spike (2322075-MS2)

Source: E306015-05

Prepared: 06/03/23 Analyzed: 06/03/23

Gasoline Range Organics (C6-C10)	52.1	20.0	50.0	ND	104	70-130			
Surrogate: Bromofluorobenzene	0.521		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.494		0.500		98.8	70-130			
Surrogate: Toluene-d8	0.503		0.500		101	70-130			

Matrix Spike Dup (2322075-MSD2)

Source: E306015-05

Prepared: 06/03/23 Analyzed: 06/03/23

Gasoline Range Organics (C6-C10)	55.0	20.0	50.0	ND	110	70-130	5.55	20	
Surrogate: Bromofluorobenzene	0.521		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.488		0.500		97.6	70-130			
Surrogate: Toluene-d8	0.499		0.500		99.7	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Allied 7 Fed. #1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/5/2023 11:14:32AM

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2322079-BLK1)					Prepared: 06/03/23 Analyzed: 06/03/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	54.8		50.0		110	50-200			

LCS (2322079-BS1)					Prepared: 06/03/23 Analyzed: 06/03/23				
Diesel Range Organics (C10-C28)	284	25.0	250		113	38-132			
Surrogate: n-Nonane	56.2		50.0		112	50-200			

Matrix Spike (2322079-MS1)					Source: E306015-13		Prepared: 06/03/23 Analyzed: 06/03/23		
Diesel Range Organics (C10-C28)	297	25.0	250	ND	119	38-132			
Surrogate: n-Nonane	55.6		50.0		111	50-200			

Matrix Spike Dup (2322079-MSD1)					Source: E306015-13		Prepared: 06/03/23 Analyzed: 06/03/23		
Diesel Range Organics (C10-C28)	291	25.0	250	ND	116	38-132	2.20	20	
Surrogate: n-Nonane	56.7		50.0		113	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Allied 7 Fed. #1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/5/2023 11:14:32AM

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2322066-BLK1)					Prepared: 06/02/23 Analyzed: 06/03/23				
Chloride	ND	20.0							
LCS (2322066-BS1)					Prepared: 06/02/23 Analyzed: 06/03/23				
Chloride	253	20.0	250		101	90-110			
LCS Dup (2322066-BSD1)					Prepared: 06/02/23 Analyzed: 06/03/23				
Chloride	250	20.0	250		100	90-110	1.19	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 7 Fed. #1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	06/05/23 11:14

- 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 7 Fed #1</u>		Attention: <u>Person</u>		Lab WO# <u>E 306015</u>		Job Number <u>01058-0007</u>			1D	2D	3D	Standard	CWA	SDWA	
Project Manager: Tom Bynum		Address:		Analysis and Method					RCRA						
Address: 5614 N. Lovington Hwy.		City, State, Zip								State					
City, State, Zip <u>Hobbs, NM, 88240</u>		Phone:								NM CO UT AZ TX					
Phone: 580-748-1613		Email:													
Email: tom@pimaoil.com		Pima Project # <u>285</u>													
Report due by:															

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

Additional Instructions: B# 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:

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>Marime Adams</u>	Date <u>6/1/23</u>	Time <u>2:30</u>	Received by: (Signature) <u>Michelle Camp</u>	Date <u>6-2-23</u>	Time <u>1430</u>	Lab Use Only Received on ice: <u>Y</u> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature) <u>Michelle Camp</u>	Date <u>6-2-23</u>	Time <u>1800</u>	Received by: (Signature) <u>Andrew Messo</u>	Date <u>6-2-23</u>	Time <u>1800</u>	
Relinquished by: (Signature) <u>Andrew Messo</u>	Date <u>6-2-23</u>	Time <u>2345</u>	Received by: (Signature) <u>Andrew Messo</u>	Date <u>6/3/23</u>	Time <u>0015</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.

Project Information

Chain of Custody

Page 2 of 2

Client: Pima Environmental Services Project: <u>Allied 7 Fed. #1</u> Project Manager: Tom Bynum Address: 5614 N. Lovington Hwy. City, State, Zip: <u>Hobbs, NM, 88240</u> Phone: 580-748-1613 Email: <u>tom@pimaoil.com</u> Report due by:					Bill To: <u>Peyon</u> Attention: <u>Peyon</u> Address: City, State, Zip: Phone: Email: Pima Project # <u>275</u>					Lab Use Only Lab WO# <u>E306015</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 NM TX					TAT 1D 2D 3D Standard 1 2 3 4 EPA Program CWA SDWA RCRA State NM CO UT AZ TX X				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	NM	TX	Remarks					
8:50	6/1/23	S	1	CSW-11	11							X							
8:55				CSW-12	12														
9:00				CS1-5'	13														
9:05				CS2-3'	14														
9:10				CS3-3'	15														
9:15	5/31/23			CS4-3'	16														
9:20				CS5-3'	17														
9:25				CS6-3	18														
Additional Instructions: <u>B# 21164020</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.																			
Relinquished by: (Signature) <u>Karine Adams</u> Date <u>6/1/23</u> Time <u>2:30</u> Received by: (Signature) <u>Michelle Gault</u> Date <u>6-2-23</u> Time <u>1430</u> Relinquished by: (Signature) <u>Michelle Gault</u> Date <u>6-2-23</u> Time <u>1800</u> Received by: (Signature) <u>Andrew M...</u> Date <u>6-2-23</u> Time <u>1800</u> Relinquished by: (Signature) <u>Andrew M...</u> Date <u>6-2-23</u> Time <u>2345</u> Received by: (Signature) <u>Andrew M...</u> Date <u>6/3/23</u> Time <u>0015</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: 6/5/2023 10:03:38AM

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:	06/03/23 00:15	Work Order ID:	E306015
Phone:	(575) 631-6977	Date Logged In:	06/02/23 16:46	Logged In By:	Alexa Michaels
Email:	tom@pimaoil.com	Due Date:	06/05/23 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? Yes

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:
Lynsey Coons



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: E505046

Job Number: 01058-0007

Received: 5/6/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/12/25

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: 5/12/25

Lynsey Coons
PO Box 247
Plains, TX 79355-0247



Project Name: Allied Federal 7 Battery
Workorder: E505046
Date Received: 5/6/2025 8:00:00AM

Lynsey Coons,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/6/2025 8:00:00AM, 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
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

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

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

Michelle Gonzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
BACKFILL 1	5
BACKFILL 2	6
BACKFILL 3	7
QC Summary Data	8
QC - Volatile Organics by EPA 8021B	8
QC - Nonhalogenated Organics by EPA 8015D - GRO	9
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	10
QC - Anions by EPA 300.0/9056A	11
Definitions and Notes	12
Chain of Custody etc.	13

Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Allied Federal 7 Battery	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Lynsey Coons	05/12/25 10:51

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BACKFILL 1	E505046-01A	Soil	05/01/25	05/06/25	Glass Jar, 2 oz.
BACKFILL 2	E505046-02A	Soil	05/01/25	05/06/25	Glass Jar, 2 oz.
BACKFILL 3	E505046-03A	Soil	05/01/25	05/06/25	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: Lynsey Coons

Reported:
5/12/2025 10:51:36AM

BACKFILL 1

E505046-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2519032	
Benzene	ND	0.0250	1	05/06/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/06/25	05/07/25	
Toluene	ND	0.0250	1	05/06/25	05/07/25	
o-Xylene	ND	0.0250	1	05/06/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/06/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/06/25	05/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		106 %	70-130	05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2519032	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/25	05/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		83.7 %	70-130	05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2519044	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/07/25	
<i>Surrogate: n-Nonane</i>		95.6 %	61-141	05/06/25	05/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2519075	
Chloride	ND	20.0	1	05/07/25	05/07/25	



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: Lynsey Coons

Reported:
5/12/2025 10:51:36AM

BACKFILL 2

E505046-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2519032	
Benzene	ND	0.0250	1	05/06/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/06/25	05/07/25	
Toluene	ND	0.0250	1	05/06/25	05/07/25	
o-Xylene	ND	0.0250	1	05/06/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/06/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/06/25	05/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		105 %	70-130	05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2519032	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/25	05/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		84.2 %	70-130	05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2519044	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/07/25	
<i>Surrogate: n-Nonane</i>		95.4 %	61-141	05/06/25	05/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2519075	
Chloride	ND	20.0	1	05/07/25	05/07/25	



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: Lynsey Coons

Reported:
5/12/2025 10:51:36AM

BACKFILL 3

E505046-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2519032
Benzene	ND	0.0250	1	05/06/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/06/25	05/07/25	
Toluene	ND	0.0250	1	05/06/25	05/07/25	
o-Xylene	ND	0.0250	1	05/06/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/06/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/06/25	05/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		107 %	70-130	05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2519032
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/25	05/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		80.3 %	70-130	05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2519044
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/07/25	
<i>Surrogate: n-Nonane</i>						
		94.9 %	61-141	05/06/25	05/07/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2519075
Chloride	ND	20.0	1	05/07/25	05/07/25	



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:	Lynsey Coons	5/12/2025 10:51:36AM

Volatile Organics by EPA 8021B

Analyst: BA

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

Blank (2519032-BLK1)

Prepared: 05/06/25 Analyzed: 05/09/25

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	8.55		8.00		107	70-130			

LCS (2519032-BS1)

Prepared: 05/06/25 Analyzed: 05/07/25

Benzene	5.68	0.0250	5.00		114	70-130			
Ethylbenzene	5.76	0.0250	5.00		115	70-130			
Toluene	5.69	0.0250	5.00		114	70-130			
o-Xylene	5.72	0.0250	5.00		114	70-130			
p,m-Xylene	11.2	0.0500	10.0		112	70-130			
Total Xylenes	16.9	0.0250	15.0		113	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.74		8.00		109	70-130			

Matrix Spike (2519032-MS1)

Source: E505044-06

Prepared: 05/06/25 Analyzed: 05/07/25

Benzene	5.61	0.0250	5.00	ND	112	70-130			
Ethylbenzene	5.78	0.0250	5.00	0.0280	115	70-130			
Toluene	5.70	0.0250	5.00	ND	114	70-130			
o-Xylene	5.70	0.0250	5.00	0.0275	113	70-130			
p,m-Xylene	11.1	0.0500	10.0	ND	111	70-130			
Total Xylenes	16.8	0.0250	15.0	0.0275	112	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.36		8.00		104	70-130			

Matrix Spike Dup (2519032-MSD1)

Source: E505044-06

Prepared: 05/06/25 Analyzed: 05/07/25

Benzene	5.63	0.0250	5.00	ND	113	70-130	0.334	27	
Ethylbenzene	5.75	0.0250	5.00	0.0280	115	70-130	0.453	26	
Toluene	5.65	0.0250	5.00	ND	113	70-130	0.932	20	
o-Xylene	5.79	0.0250	5.00	0.0275	115	70-130	1.54	25	
p,m-Xylene	11.1	0.0500	10.0	ND	111	70-130	0.0916	23	
Total Xylenes	16.9	0.0250	15.0	0.0275	112	70-130	0.465	26	
Surrogate: 4-Bromochlorobenzene-PID	8.52		8.00		107	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:	Lynsey Coons	5/12/2025 10:51:36AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

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

Blank (2519032-BLK1) Prepared: 05/06/25 Analyzed: 05/09/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.63		8.00		82.9	70-130			

LCS (2519032-BS2) Prepared: 05/06/25 Analyzed: 05/07/25

Gasoline Range Organics (C6-C10)	50.6	20.0	50.0		101	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.86		8.00		85.7	70-130			

Matrix Spike (2519032-MS2) Source: E505044-06 Prepared: 05/06/25 Analyzed: 05/07/25

Gasoline Range Organics (C6-C10)	51.5	20.0	50.0	ND	103	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.77		8.00		84.6	70-130			

Matrix Spike Dup (2519032-MSD2) Source: E505044-06 Prepared: 05/06/25 Analyzed: 05/07/25

Gasoline Range Organics (C6-C10)	51.3	20.0	50.0	ND	103	70-130	0.414	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.65		8.00		83.1	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Allied Federal 7 Battery Project Number: 01058-0007 Project Manager: Lynsey Coons	Reported: 5/12/2025 10:51:36AM
---	---	---------------------------------------

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

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

Blank (2519044-BLK1)

Prepared: 05/06/25 Analyzed: 05/06/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	46.8		50.0		93.6	61-141			

LCS (2519044-BS1)

Prepared: 05/06/25 Analyzed: 05/06/25

Diesel Range Organics (C10-C28)	250	25.0	250		99.9	66-144			
Surrogate: n-Nonane	47.2		50.0		94.4	61-141			

Matrix Spike (2519044-MS1)

Source: E505042-01

Prepared: 05/06/25 Analyzed: 05/06/25

Diesel Range Organics (C10-C28)	260	25.0	250	ND	104	56-156			
Surrogate: n-Nonane	48.8		50.0		97.5	61-141			

Matrix Spike Dup (2519044-MSD1)

Source: E505042-01

Prepared: 05/06/25 Analyzed: 05/06/25

Diesel Range Organics (C10-C28)	250	25.0	250	ND	99.9	56-156	4.07	20	
Surrogate: n-Nonane	47.2		50.0		94.5	61-141			



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:	Lynsey Coons	5/12/2025 10:51:36AM

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (2519075-BLK1)					Prepared: 05/07/25 Analyzed: 05/07/25				
Chloride	ND	20.0							
LCS (2519075-BS1)					Prepared: 05/07/25 Analyzed: 05/07/25				
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2519075-MS1)					Source: E505078-01		Prepared: 05/07/25 Analyzed: 05/07/25		
Chloride	256	20.0	250	ND	103	80-120			
Matrix Spike Dup (2519075-MSD1)					Source: E505078-01		Prepared: 05/07/25 Analyzed: 05/07/25		
Chloride	257	20.0	250	ND	103	80-120	0.164	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:	Lynsey Coons	05/12/25 10:51

- ND Analyte NOT DETECTED at or above the reporting limit
 - NR Not Reported
 - RPD Relative Percent Difference
 - DNI Did Not Ignite
 - DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with ** are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Released to Imaging: 7/8/2025 1:13:49 PM

Envirotech Analytical Laboratory

Printed: 5/6/2025 9:05:45AM

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:	05/06/25 08:00	Work Order ID:	E505046
Phone:	(575) 631-6977	Date Logged In:	05/05/25 16:03	Logged In By:	Noe Soto
Email:	lynsey@pimaoil.com	Due Date:	05/12/25 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? No
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/Resolution

No. of containers and sampled by not provided on COC.

Sample 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? Yes

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

13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.

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.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS

Action 465756

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 465756
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2300761990
Incident Name	NAPP2300761990 ALLIED FED 7 BATTERY @ 0
Incident Type	Produced Water Release
Incident Status	Reclamation Report Received
Incident Facility	[fAPP2129451513] ALLIED FED 7 BATTERY

Location of Release Source

Please answer all the questions in this group.

Site Name	ALLIED FED 7 BATTERY
Date Release Discovered	01/07/2023
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 Production Tank Produced Water Released: 41 BBL Recovered: 30 BBL Lost: 11 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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 2

Action 465756

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 465756
	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)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvsn.com Date: 05/21/2025
--	---

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 3

Action 465756

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 465756
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS**Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	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

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	0
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	15302
GRO+DRO (EPA SW-846 Method 8015M)	11310
BTEX (EPA SW-846 Method 8021B or 8260B)	81.2
Benzene (EPA SW-846 Method 8021B or 8260B)	6

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	05/22/2023
On what date will (or did) the final sampling or liner inspection occur	06/01/2023
On what date will (or was) the remediation complete(d)	06/01/2023
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	1041
What is the estimated volume (in cubic yards) that will be remediated	77

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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 4

Action 465756

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 465756
	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: 05/21/2025
<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>	

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 5

Action 465756

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 465756
	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

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 6

Action 465756

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 465756
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	465782
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/01/2023
What was the (estimated) number of samples that were to be gathered	77
What was the sampling surface area in square feet	15302

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	1041
What was the total volume (cubic yards) remediated	77
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.

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

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 05/21/2025
--	--

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 7

Action 465756

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 465756
	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	1041
What was the total volume of replacement material (in cubic yards) for this site	77
<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@dmn.com Date: 05/21/2025

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 465756

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 465756
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

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

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

CONDITIONS

Action 465756

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 465756
	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 #NAPP2300761990 ALLIED FED 7 BATTERY, thank you. This Reclamation Report is approved.	7/8/2025