

Incident ID	NAPP2300761990
District RP	
Facility ID	
Application ID	

## Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>&lt;50</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☒ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☒ Boring or excavation logs
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

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

State of New Mexico  
Oil Conservation Division

Page 4

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

Printed Name: Dale Woodall Title: Environmental Professional

Signature: Dale Woodall Date: 6/29/2023

email: dale.woodall@dnv.com Telephone: 575-748-1839

**OCD Only**

Received by: Shelly Wells Date: 6/30/2023

Incident ID	NAPP2300761990
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## Closure

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

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

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

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.

Printed Name: Dale Woodall Title: Environmental Professional  
Signature: Dale Woodall Date: 6/29/2023  
email: dale.woodall@dvn.com Telephone: 575-748-1839

**OCD Only**

Received by: Shelly Wells Date: 6/30/2023

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

Closure Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_



**Pima Environmental Services**  
**5614 N. Lovington Highway**  
**Hobbs, NM 88240**  
**575-964-7740**

June 29, 2023

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

**Re: Site Assessment, Remediation, and Closure Report**  
**Allied Fed 7 Battery**  
**API No. 30-015-25900**  
**GPS: Latitude 32.76361078 Longitude -103.906784**  
**UL -- G, 7, T18S, R31E**  
**Eddy County, NM**  
**NMOCD Ref. No. NAPP2300761990**

Pima Environmental Services, LLC. (Pima) has been contracted by Devon Energy Production Company, LP (Devon) to perform a spill assessment, remediation activities, and submit this closure report for a crude oil release that occurred at the Allied Fed 7 Battery (Allied). The initial C-141 was submitted on January 12, 2023 (Appendix C). This incident was assigned Incident ID NAPP2300761990 by the New Mexico Oil Conservation Division (NMOCD).

#### Site Characterization

The Allied is located approximately six (6) miles southeast of Loco Hills, NM. This spill site is in Unit G, Section 7, 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).

According to the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is 80 feet below grade surface (BGS). According to the United States Geological Survey (USGS), the nearest groundwater is 370 feet BGS. The closest waterway is a Salt Playa located approximately 6.78 miles to the southwest of this location. See Appendix A for referenced water surveys.

Table 1 NMAC and Closure Criteria 19.15.29

Depth to Groundwater (Appendix A)	Constituent & Limits				
	Chlorides	Total TPH	GRO+DRO	BTEX	Benzene
<50' Lack of GW	600 mg/kg	100 mg/kg		50 mg/kg	10 mg/kg
51-100'	10,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg
>100'	20,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg

Reference Figure 2 for a Topographic Map.

Allied Fed 7 Battery | [Devon Energy](#)



**Release Information**

**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.

**Remediation Activities, Site Assessment, and Soil Sampling Results**

On February 28, Pima mobilized personnel to the site to begin collecting soil samples from the spill area. The laboratory results of this sampling event can be found in the following data table. A Site Map can be found in Figure 4.

2/28/23 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 50')								
DEVON ENERGY -ALLIED FED 7 BATTERY								
Sample Date: 2/28/2023 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
S-1	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
S-2	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
S-3	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
S-4	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
S-5	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
S-6	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
SW 1	6"	ND	ND	ND	ND	ND	0	ND
SW 2	6"	ND	ND	ND	ND	ND	0	ND
SW 3	6"	ND	ND	ND	ND	ND	0	ND
SW 4	6"	ND	ND	ND	ND	ND	0	ND
BG 1	6"	ND	ND	ND	ND	ND	0	ND

ND- Analyte Not Detected

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

On May 28, 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 the following table. A Confirmation Sample Map can be found in Figure 5.

5-4-23 Confirmation Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 50')								
DEVON ENERGY -ALLIED FED 7 BATTERY								
Sample Date: 6/1/2023 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
CSW-1	3'	ND	ND	ND	ND	ND	0	ND
CSW-2	3'	ND	ND	ND	ND	ND	0	ND
CSW-3	3'	ND	ND	ND	ND	ND	0	ND
CSW-4	3'	ND	ND	ND	ND	ND	0	ND
CSW-5	3'	ND	ND	ND	ND	ND	0	ND
CSW-6	3'	ND	ND	ND	ND	ND	0	ND
CSW-7	3'	ND	ND	ND	ND	ND	0	ND
CSW-8	3'	ND	ND	ND	ND	ND	0	ND
CSW-9	3'	ND	ND	ND	ND	ND	0	ND
CSW-10	3'	ND	ND	ND	ND	ND	0	ND
CSW-11	3'	ND	ND	ND	ND	ND	0	ND
CSW-12	3'	ND	ND	ND	ND	ND	0	ND
CS 1	3'	ND	ND	ND	ND	ND	0	ND
CS 2	3'	ND	ND	ND	ND	ND	0	ND
CS 3	3'	ND	ND	ND	ND	ND	0	ND
CS 4	3'	ND	ND	ND	ND	ND	0	ND
CS 5	3'	ND	ND	ND	ND	ND	0	ND
CS 6	3'	ND	ND	ND	ND	ND	0	ND

ND- Analyte Not Detected

Complete laboratory reports can be found in Appendix E.

Based on the sample results, the bottoms and sidewalls were below NMOCD Closure Criteria 19.15.29 NMAC. The contaminated material was sufficiently removed then transported to an NMOCD approved disposal site. The excavation was then backfilled with clean like material, machine compacted and returned to its previous state. See Appendix D for Photographic Documentation.

### **Closure Request**

After careful review, Pima requests that this incident, NAPP2300761990, be closed. Devon has complied with the applicable closure requirements set forth in rule 19.15.19.12 NMAC.

Should you have any questions or need additional information, please feel free to contact Gio Gomez at 806-782-1151 or [gio@pimaoil.com](mailto:gio@pimaoil.com).

Respectfully,



Gio Gomez  
Project Manager  
Pima Environmental Services,

### **Attachments**

Figures:

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

Appendices:

- Appendix A – Referenced Water Surveys
- Appendix B – Soil Survey and Geological Data
- Appendix C – C-141 Form and 48 Hour Notification
- Appendix D – Photographic Documentation
- Appendix E – Laboratory Reports



Pima Environmental Services

**Figures:**

1-Location Map

2-Topographic Map

3-Karst Map

4-Site Map


5-Confirmation Sample Map




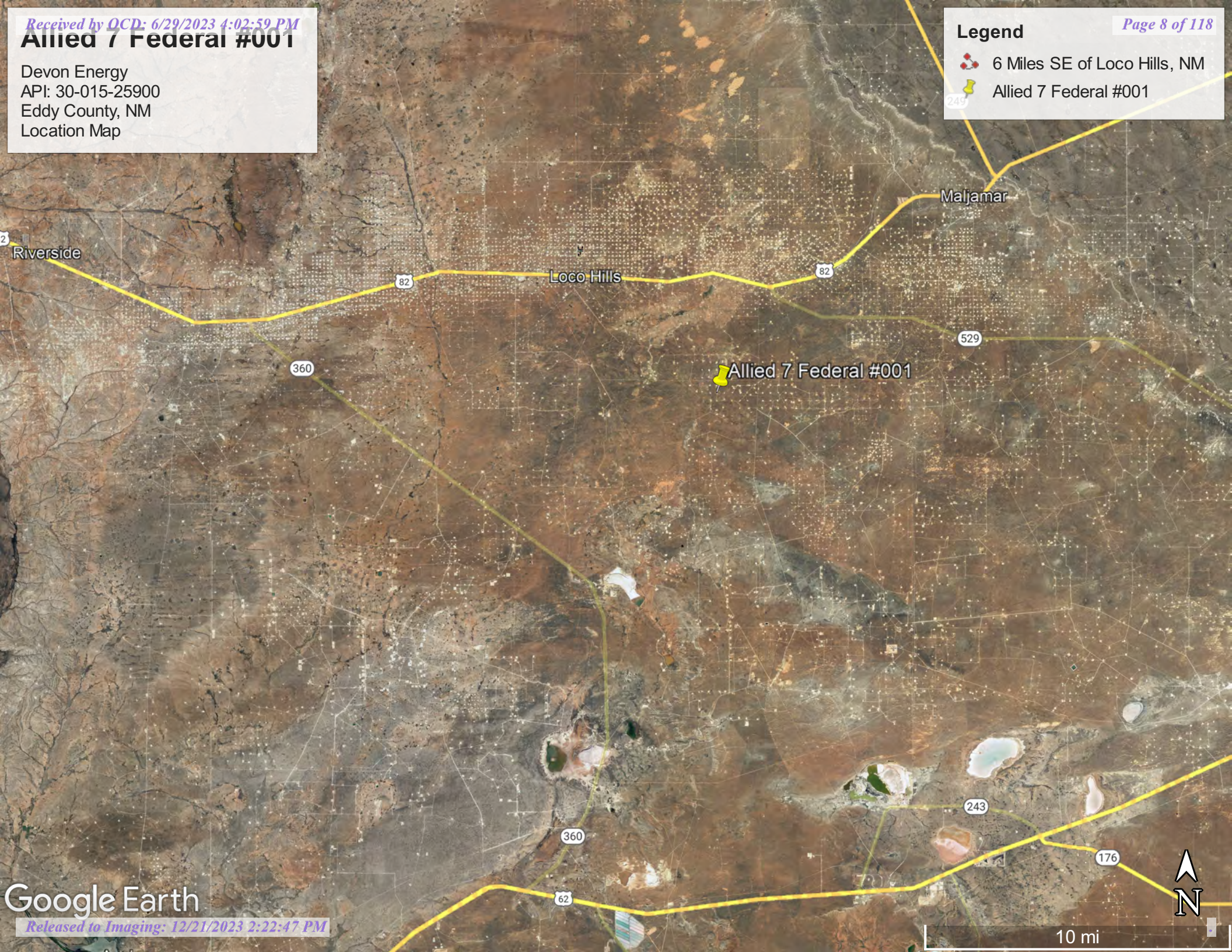
Devon Energy  
API: 30-015-25900  
Eddy County, NM  
Location Map

Page 8 of 118

Legend

 6 Miles SE of Loco Hills, NM

 Allied 7 Federal #001




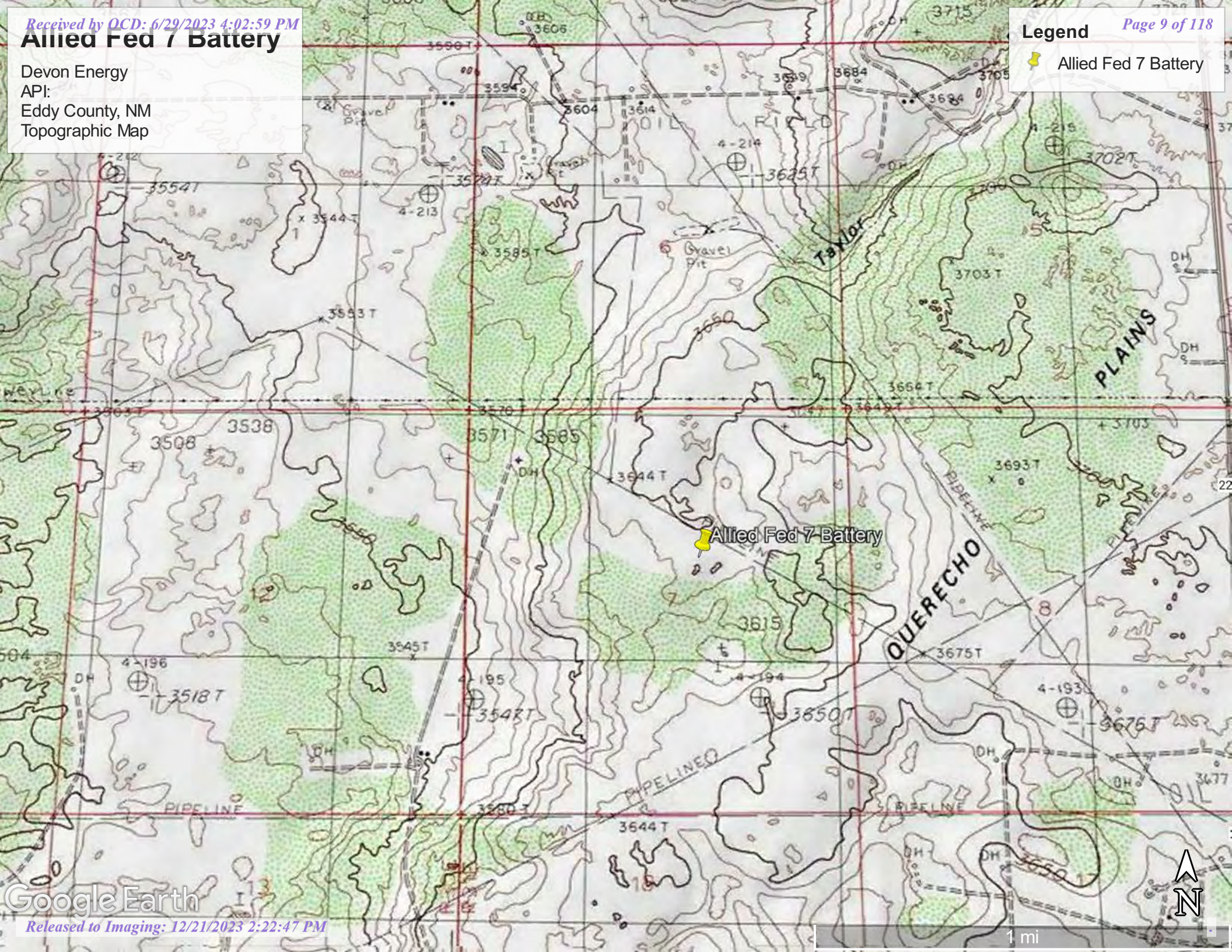


# Allied Fed 7 Battery

Devon Energy  
API:  
Eddy County, NM  
Topographic Map

## Legend

 Allied Fed 7 Battery






# Allied Fed 7 Battery


Devon Energy  
API:  
Eddy County, NM  
Karst Map


Loco Hills


Lovington Hwy

Legend

 Allied Fed 7 Battery

 High Karst

 Low Karst

 Medium Karst

Allied Fed 7 Battery









# 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





Pima Environmental Services

**Appendix A**

Water Surveys:

OSE

USGS

Surface Water Map



# New Mexico Office of the State Engineer

## Water Column/Average Depth to Water

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

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

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

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

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
<a href="#">RA 11590 POD1</a>		RA	ED	2	1	3	32	17S	31E	603315	3628545	3075	158		
<a href="#">RA 11590 POD4</a>		RA	ED	4	1	1	32	17S	31E	603308	3629253	3756	55		
<a href="#">RA 11590 POD3</a>		RA	ED	3	1	2	32	17S	31E	603932	3629260	3959	60		
<a href="#">CP 00818 POD1</a>		CP	LE		1	4	26	18S	30E	599289	3620364*	6097	240		
<a href="#">CP 00767 POD1</a>		CP	ED		3	2	35	18S	30E	599300	3619158*	7156	500		
<a href="#">RA 13213 POD1</a>		RA	CH	2	2	1	24	17S	30E	600489	3632575	7223	101		
<a href="#">RA 13235 POD1</a>		RA	ED	1	1	1	21	17S	31E	604631	3632537	7278	102		
<a href="#">CP 00853 POD1</a>	O	CP	ED		2	4	28	18S	30E	596472	3620340*	7930	350		
<a href="#">CP 00849 POD1</a>		CP	LE	3	1	3	35	18S	31E	608012	3618757*	8858	300		
<a href="#">RA 13212 POD1</a>		RA	CH	1	3	4	11	17S	30E	598984	3634474	9499			
<a href="#">RA 11914 POD1</a>		RA	ED	2	4	2	20	17S	30E	594801	3632002	9929	85	80	5

Average Depth to Water: **80 feet**

Minimum Depth: **80 feet**

Maximum Depth: **80 feet**

**Record Count:** 11

### UTMNAD83 Radius Search (in meters):

**Easting (X):** 602398.61

**Northing (Y):** 3625609.42

**Radius:** 10000

\*UTM location was derived from PLSS - see Help

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

2/22/23 11:13 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



[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.
- [Full News](#) 

Groundwater levels for the Nation



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

## Search Results -- 1 sites found

site\_no list =

- 324502103495801

Minimum number of levels = 1

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

## USGS 324502103495801 18S.31E.14.22133

Available data for this site

Groundwater: Field measurements



GO

Eddy County, New Mexico

Hydrologic Unit Code 13060011

Latitude 32°45'02", Longitude 103°49'58" NAD27

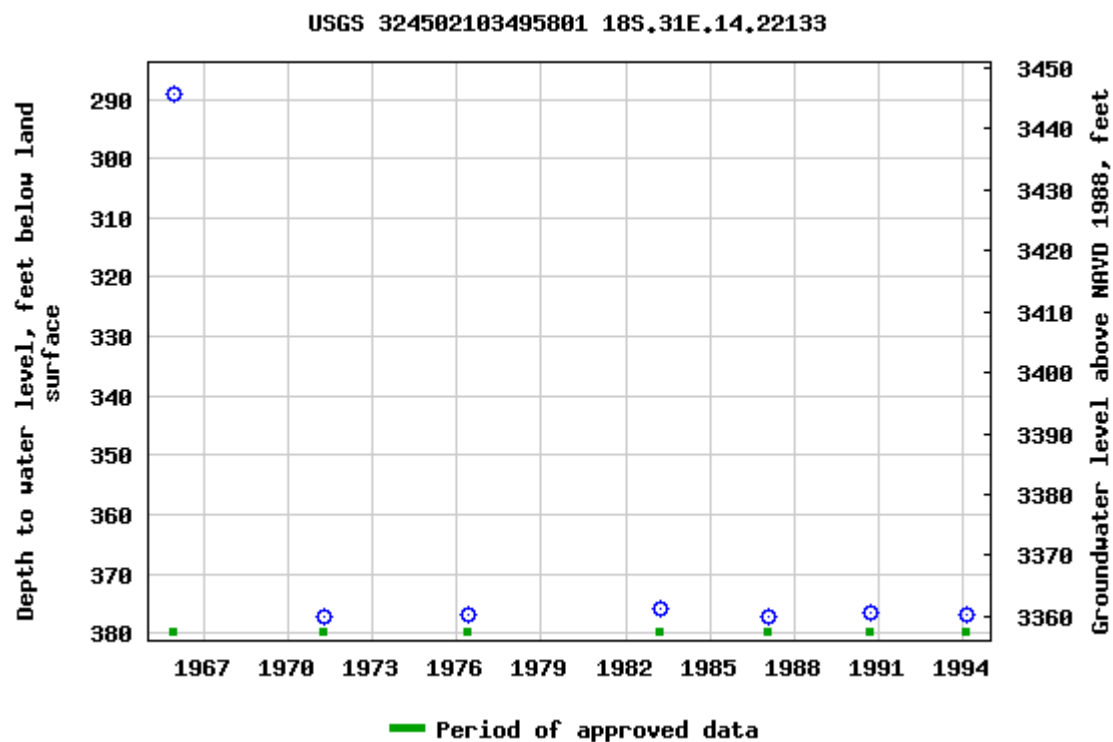
Land-surface elevation 3,736 feet above NAVD88

The depth of the well is 400 feet below land surface.

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

This well is completed in the Chinle Formation (231CHNL) local aquifer.

### Output formats

[Table of data](#)
[Tab-separated data](#)
[Graph of data](#)
[Reselect period](#)


Breaks in the plot represent a gap of at least one year between field measurements.

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**Title: Groundwater for USA: Water Levels**

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



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

Page Last Modified: 2023-02-22 13:01:56 EST


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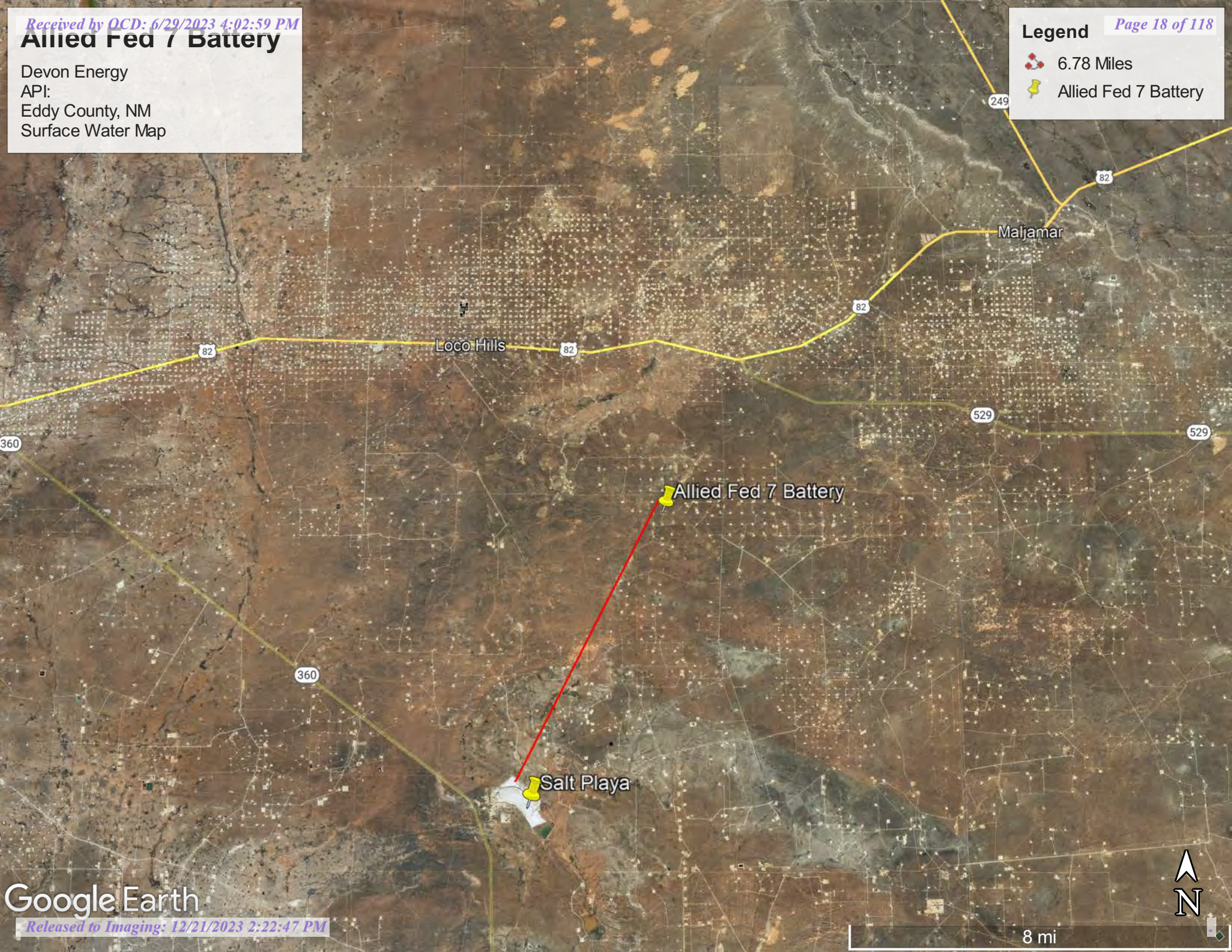
# Allied Fed 7 Battery


Devon Energy  
API:  
Eddy County, NM  
Surface Water Map


Legend

 6.78 Miles

 Allied Fed 7 Battery



  
N

 8 mi





Pima Environmental Services

**Appendix B**

Soil Survey & Geological Data

FEMA Flood Map

Wetlands Map

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

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## 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 18, Sep 8, 2022

# National Flood Hazard Layer FIRMette



103°54'43"W 32°46'4"N



### Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard Zone D
		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
		Cross Sections with 1% Annual Chance Water Surface Elevation
OTHER FEATURES		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
MAP PANELS		Hydrographic Feature
		Digital Data Available
		No Digital Data Available
		Unmapped

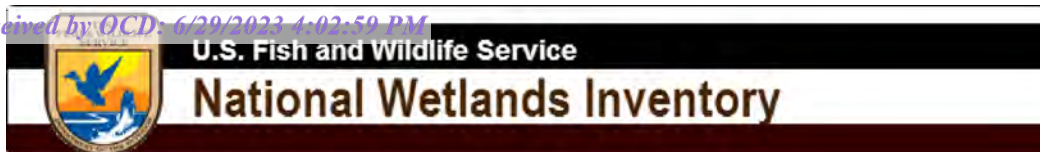
The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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 **2/22/2023 at 1:23 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.





## Wetlands Map



February 22, 2023

**Wetlands**

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

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

- Lake
- Other
- Riverine

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



Pima Environmental Services

**Appendix C**

C-141 Form

48-Hour Notification

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

State of New Mexico  
Energy Minerals and Natural  
Resources Department

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

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

Incident ID	nAPP2300761990
District RP	
Facility ID	
Application ID	

## Release Notification

### Responsible Party

Responsible Party <b>Devon Energy Production Company</b>	OGRID <b>6137</b>
Contact Name <b>Dale Woodall</b>	Contact Telephone <b>575-748-1838</b>
Contact email <b>dale.woodall@dvn.com</b>	Incident # (assigned by OCD) <b>nAPP2300761990</b>
Contact mailing address <b>205 E. Bender Road # 150; Hobbs, NM 88240</b>	

### Location of Release Source

Latitude **32.76361078** Longitude **-103.906784**  
(NAD 83 in decimal degrees to 5 decimal places)

Site Name <b>ALLIED FED 7 BATTERY</b>	Site Type <b>BATTERY</b>
Date Release Discovered <b>1/7/2023</b>	API# (if applicable)

Unit Letter	Section	Township	Range	County
<b>G</b>	<b>07</b>	<b>18S</b>	<b>31E</b>	<b>EDDY</b>

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (Name: \_\_\_\_\_)

### Nature and Volume of Release

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

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) <b>41.4</b>	Volume Recovered (bbls) <b>30</b>
	Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release **LO arrived to perform facility check when he found oil in un-lined gravel containment. After further investigation he found the production OT 2 developed a hole in the tank. LO switched production to OT 1. Called a vac truck due to having no way to isolate. Truck emptying out OT 2 and transferred remaining oil into OT 1.**



Incident ID	nAPP2300761990
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? <b>more than 25 bbls</b>
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? <b>Yes, email to Mike Bratcher and the OCD, by Dale Woodall on 1/7/2023 and via the NOR portal too.</b>	

### Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:     	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: <b>Dale Woodall</b>	Title: <b>Environmental Professional</b>
Signature: <u>Dale Woodall</u>	Date: <b>1/12/2023</b>
email: <b>dale.woodall@dvn.com</b>	Telephone: <b>575-748-1838</b>
<b><u>OCD Only</u></b>	
Received by: <u>Jocelyn Harimon</u>	Date: <u>01/12/2023</u>

ALLIED FED 7 BATTERY

OCD incident number nAPP2300761990

1/7/2023

30 BBL Recovered

<b>Spill Volume(Bbls) Calculator</b>	
<i>Inputs in blue, Outputs in red</i>	
Contaminated Soil measurement	
Area (square feet)	Depth(inches)
<u>1238</u>	<u>0.500</u>
Cubic Feet of Soil Impacted	<u>51.583</u>
Barrels of Soil Impacted	<u>9.19</u>
Soil Type	Pea Gravel
Barrels of Oil Assuming 100% Saturation	<u>4.60</u>
Saturation	Fluid present with shovel/backhoe
Estimated Barrels of Oil Released	<u>4.60</u>
Free Standing Fluid Only	
Area (square feet)	Depth(inches)
<u>1238</u>	<u>2.000</u>
Standing fluid	<u>36.780</u>
<b>Total fluids spilled</b>	<b><u>41.377</u></b>

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

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

CONDITIONS

Action 175349

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 175349
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jharimon	None	1/12/2023



Incident ID	NAPP2300761990
District RP	
Facility ID	
Application ID	

## Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>&lt;50</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☒ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☒ Boring or excavation logs
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

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

State of New Mexico  
Oil Conservation Division

Page 4

Incident ID	NAPP2300761990
District RP	
Facility ID	
Application ID	

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

Printed Name: Dale Woodall Title: Environmental ProfessionalSignature: Dale Woodall Date: 6/29/2023email: dale.woodall@dv.com Telephone: 575-748-1839**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

Incident ID	NAPP2300761990
District RP	
Facility ID	
Application ID	

## Closure

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

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

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

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.

Printed Name: Dale Woodall Title: Environmental Professional  
Signature: Dale Woodall Date: 6/29/2023  
email: dale.woodall@dvn.com Telephone: 575-748-1839

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

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

Closure Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_



Pima Environmental Services

## **Appendix D**

Photographic Documentation



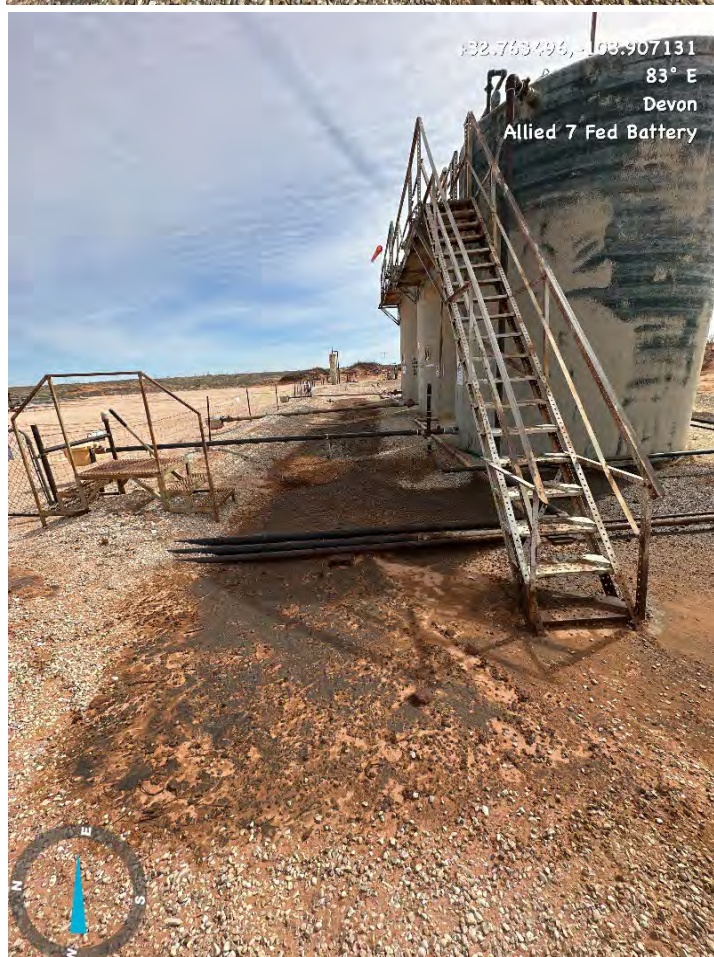
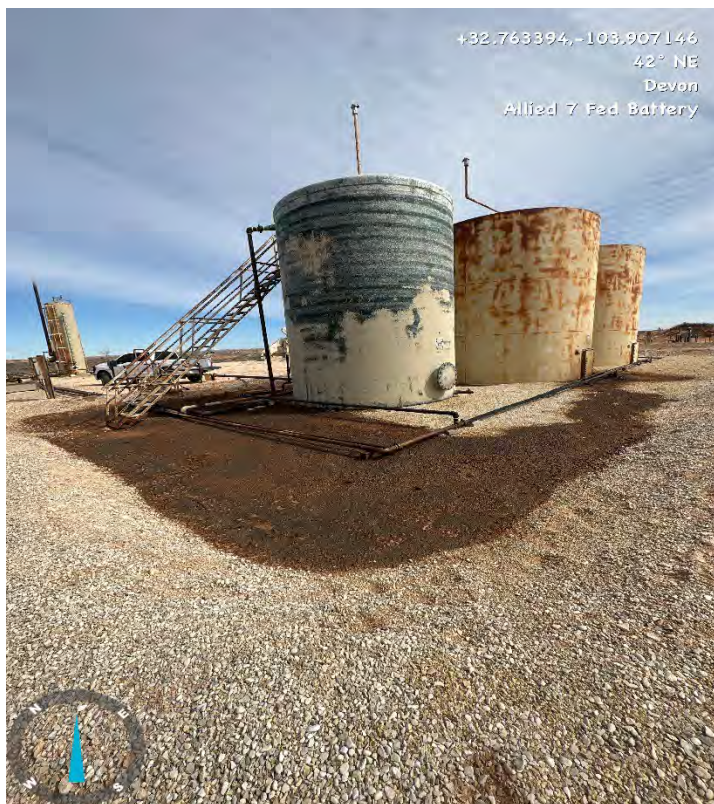


**SITE PHOTOGRAPHS  
DEVON ENERGY  
ALLIED FED 7 BATTERY**

**Site Assessment**











Excavation











Post Excavation









Pima Environmental Services

## **Appendix E**

Laboratory Reports

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](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto: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](mailto: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](http://www.envirotech-inc.com)

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## 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
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	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
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309042
Benzene	ND	0.0250	1	03/02/23	03/06/23	
Ethylbenzene	<b>0.928</b>	0.0250	1	03/02/23	03/06/23	
Toluene	<b>0.190</b>	0.0250	1	03/02/23	03/06/23	
o-Xylene	<b>0.852</b>	0.0250	1	03/02/23	03/06/23	
p,m-Xylene	<b>1.23</b>	0.0500	1	03/02/23	03/06/23	
Total Xylenes	<b>2.08</b>	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309042
Gasoline Range Organics (C6-C10)	<b>66.1</b>	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2309061
Diesel Range Organics (C10-C28)	<b>944</b>	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	
<b>Anions by EPA 300.0/9056A</b>						
	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
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	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
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	<b>0.0350</b>	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	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
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	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
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	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
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	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
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	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
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	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
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	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
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309042
Benzene	ND	0.0250	1	03/02/23	03/04/23	
Ethylbenzene	<b>0.0285</b>	0.0250	1	03/02/23	03/04/23	
Toluene	<b>0.0555</b>	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	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
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	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
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	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
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	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
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309042
Benzene	ND	0.0250	1	03/02/23	03/04/23	
Ethylbenzene	<b>0.0350</b>	0.0250	1	03/02/23	03/04/23	
Toluene	<b>0.0755</b>	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	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
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309042
Benzene	ND	0.0250	1	03/02/23	03/04/23	
Ethylbenzene	<b>0.0380</b>	0.0250	1	03/02/23	03/04/23	
Toluene	<b>0.120</b>	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	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
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	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
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	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
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309042
Benzene	ND	0.0250	1	03/02/23	03/04/23	
Ethylbenzene	<b>0.0530</b>	0.0250	1	03/02/23	03/04/23	
Toluene	<b>0.128</b>	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	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
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	<b>0.0620</b>	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	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
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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
<b>Anions by EPA 300.0/9056A</b>						
	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
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	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
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2309041
Benzene	ND	0.0250	1	03/02/23	03/06/23	
Ethylbenzene	<b>0.0325</b>	0.0250	1	03/02/23	03/06/23	
Toluene	<b>0.0720</b>	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	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
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	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
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	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
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	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
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	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
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	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
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	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 mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (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	<b>Reported:</b>
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
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## 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	<b>Reported:</b>
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
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## 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	<b>Reported:</b>
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
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## 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
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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	<b>Reported:</b>
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
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## 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	<b>Reported:</b>
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		State	
City, State, Zip Hobbs, NM, 88240		Phone:		BTX by 8021		VOC by 8260		NM CO UT AZ TX	
Phone: 580-748-1613		Email:		Metals 6010		Chloride 300.0		X	
Email: tom@pimaoil.com		Pima Project # 1-263		BGDOC NM		BGDOC TX		Remarks	
Report due by:									

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTX 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)	Date	Time	Received by: (Signature)	Date	Time	

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									
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:										BGDOC NM	
Email: <u>tom@pimaoil.com</u>		Pima Project # <u>1-263</u>										BGDOC TX	
Report due by:												State	
												NM CO UT AZ TX	
												Remarks	

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									
8:00				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.

Sampled by: Adriana Bernuider

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>Adriana Bernuider</u>	Date <u>3-1-23</u>	Time <u>2:00</u>	Received by: (Signature) <u>Michelle Gonzales</u>	Date <u>3-1-23</u>	Time <u>1400</u>	Lab Use Only Received on ice: <u>Y</u> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>40</u>
Relinquished by: (Signature) <u>Michelle Gonzales</u>	Date <u>3-1-23</u>	Time <u>1630</u>	Received by: (Signature) <u>Michelle Gonzales</u>	Date <u>3-1-23</u>	Time <u>1655</u>	
Relinquished by: (Signature) <u>Michelle Gonzales</u>	Date <u>3-1-23</u>	Time <u>2315</u>	Received by: (Signature) <u>Michelle Gonzales</u>	Date <u>3/2/23</u>	Time <u>7:15</u>	

Sample Matrix: S - Solid, Sg - Sludge, A - Aqueous, O - OtherContainer 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 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		10058-0007					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					
Phone: 580-748-1613					Email:								BDOC NM	BDOC TX			
Email: tom@pimaoil.com					Pima Project # 1-2003												
Report due by:																	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number												
9:40	2/28/23	S	1	Sl-1'	21								X				
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				BGI	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 Cyp	3-1-23	1400	
Micelle Cyp	3-1-23	1630		3-1-23	1655	
	3-1-23	2315		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 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](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
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**Alexa Michaels**  
Sample Custody Officer  
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[labadmin@envirotech-inc.com](mailto:labadmin@envirotech-inc.com)

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**Lynn Jarboe**  
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[ljjarboe@envirotech-inc.com](mailto: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](http://www.envirotech-inc.com)

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## 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
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	98.3 %	70-130		06/03/23	06/03/23	
Surrogate: Toluene-d8	101 %	70-130		06/03/23	06/03/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	98.3 %	70-130		06/03/23	06/03/23	
Surrogate: Toluene-d8	101 %	70-130		06/03/23	06/03/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	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
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	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
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	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
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	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
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	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
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	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
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	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
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	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
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	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
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	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
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	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
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	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
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	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
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	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
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	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
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	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
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	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
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	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	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

## 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
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## 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	<b>Reported:</b>
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
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## 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: <i>n</i> -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: <i>n</i> -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: <i>n</i> -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: <i>n</i> -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	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

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	BDOC NM	BDOC 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		Bill To		Lab Use Only		TAT		EPA Program					
Project: <u>Allied 7 Fed. #1</u>		Attention: <u>Peyon</u>		Lab WO# <u>E306015</u>		Job Number <u>01058-0007</u>		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Tom Bynum		Address:		Analysis and Method									
Address: 5614 N. Lovington Hwy.		City, State, Zip											
City, State, Zip <u>Hobbs, NM, 88240</u>		Phone:											
Phone: 580-748-1613		Email:											
Email: <u>tom@pimaoil.com</u>		Pima Project # <u>275</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	BDOC NM	BDOC 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:

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>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>	Lab Use Only Received on ice: <u>Y</u> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</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**

## 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.

**District I**

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

**District II**

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

**District III**

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

**District IV**

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

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

CONDITIONS

Action 234625

**CONDITIONS**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 234625
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #NAPP2300761990 ALLIED FED 7 BATTERY, thank you. This Remediation Closure Report is approved. Areas reasonably needed for production or subsequent drilling operations will need to be reclaimed and revegetated as soon as they are no longer reasonably needed. A report for reclamation and revegetation including pictures of the contoured backfilled excavation surface and a thorough discussion on reseeding mixture, vegetation ratio, timelines, etc., will need to be submitted and approved prior to this incident receiving the final status of "Restoration Complete".	12/21/2023