

## JONES FEDERAL B 3 BATTERY

nAPP2321929306

8/5/2023

<b><u>Spill Volume(Bbls) Calculator</u></b>	
<i>Inputs in blue, Outputs in red</i>	
Contaminated Soil measurement	
Area (square feet)	Depth(inches)
<u>7880.2388</u>	<u>0.125</u>
Cubic Feet of Soil Impacted	<u>82.086</u>
Barrels of Soil Impacted	<u>14.63</u>
Soil Type	Clay/Sand
Barrels of Oil Assuming 100% Saturation	<u>2.19</u>
Saturation	Fluid present with shovel/backhoe
Estimated Barrels of Oil Released	2.19
Free Standing Fluid Only	
Area (square feet)	Depth(inches)
Standing fluid	<u>0.000</u>
<b><u>Total fluids spilled</u></b>	<b><u>2.195</u></b>



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

March 14, 2024

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

**Re: Site Assessment, Remediation, and Closure Report**  
**Jones Federal B 3 Battery**  
**API No. N/A**  
**GPS: Latitude 32.64265223 Longitude -103.824532**  
**UL - K, 24, T19S, R31E**  
**Eddy County, NM**  
**NMOCD Ref. No. NAPP2321929306**

Pima Environmental Services, LLC. (Pima) has been contracted by Devon Energy Production Company, LP (Devon) to prepare this Site Assessment, Remediation activities, and submit this closure report for a produced water release that occurred at the Jones Federal B 3 Battery (Jones). The incident was assigned incident NAPP2321929306 on August 22, 2023, by the New Mexico Oil Conservation Division (NMOCD).

#### Site Characterization

The Jones is located approximately fourteen (14) miles southeast of Loco Hills, NM. This spill site is in Unit K, Section 24, Township 19S, Range 31E, Latitude 32.64265223 Longitude -103.824532, 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 Berino complex, 0 to 3 percent slopes, eroded according to the United States Department of Agriculture Natural Resources Conservation Service soil survey (Appendix B). The drainage class in this area is well drained. There is a low potential for karst geology to be present around the Jones (Figure 3). Reference Figure 2 for a Topographic Map.

A Based on the well water data from the New Mexico Office of the State Engineer water well (CP-00640-POD1), the depth to the nearest groundwater in this vicinity measures 102 feet below grade surface (BGS), positioned 1.59 of a mile away from the Jones. Drilled on February 9, 1982. Conversely, as per the United States Geological Survey well water data (USGS323712103491001), the nearest groundwater depth in this region is recorded at 650 feet BGS, situated approximately 1.58 miles away from the Jones, with the last gauge conducted in 1976. The closest waterway is a salt playa located approximately 5 miles to the southeast 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'	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

Jones Federal B 3 Battery | [Devon Energy](#)

**Release Information**

**NAPP2321929306:** On August 5, 2023, while the foreman was passing by the battery noticed circ pump discharge poly line spraying in the air. Circ pump was shut down and isolated to avoid any further release. The released fluid was calculated to be 2.1 barrels of produced water. No fluid was recovered. Spill did go offsite.

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

On October 10, 2023, Pima mobilized personnel to the site to begin collecting soil samples from 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

10-10-23 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50")								
DEVON ENERGY - JONES FEDERAL BATTERY								
Sample Date: 10-10-23		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	CI mg/kg
S-1	0-6"	ND	ND	ND	244	241	485	101
	1'	ND	ND	ND	97	119	216	51.3
	2'	ND	ND	ND	ND	ND	0	ND
S-2	0-6"	ND	ND	ND	323	327	650	106
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
S-3	0-6"	ND	ND	ND	321	296	617	173
	1'	ND	ND	ND	25	57.4	82.4	ND
	2'	ND	ND	ND	ND	ND	0	ND
S-4	0-6"	ND	ND	ND	262	268	530	103
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
S-5	0-6"	ND	ND	ND	211	205	416	177
	1'	ND	ND	ND	60.6	82.3	142.9	43.7
	2'	ND	ND	ND	ND	ND	0	ND
S-6	0-6"	ND	ND	ND	297	263	560	179
	1'	ND	ND	ND	66.5	123	189.5	44.2
	2'	ND	ND	ND	ND	ND	0	ND
S-7	0-6"	ND	ND	ND	353	345	698	100
	1'	ND	ND	ND	ND	62.7	62.7	ND
	2'	ND	ND	ND	ND	ND	0	ND
S-8	0-6"	ND	ND	ND	307	329	636	106
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
S-9	0-6"	ND	ND	ND	269	ND	269	177
	1'	ND	ND	ND	47.1	54.3	101.4	52.7
	2'	ND	ND	ND	ND	ND	0	ND
S-10	0-6"	ND	ND	ND	262	ND	262	175
	1'	ND	ND	ND	74.2	67.8	142	56.5
	2'	ND	ND	ND	ND	ND	0	ND
S-11	0-6"	ND	ND	ND	246	259	505	107
	1'	ND	ND	ND	66.6	74.6	141.2	50.3
	2'	ND	ND	ND	ND	ND	0	ND
SW 1	0-6"	ND	ND	ND	ND	ND	0	ND
SW 2	0-6"	ND	ND	ND	ND	ND	0	ND
SW 3	0-6"	ND	ND	ND	ND	ND	0	ND
SW 4	0-6"	ND	ND	ND	ND	ND	0	ND
SW 5	0-6"	ND	ND	ND	ND	ND	0	ND
SW 6	0-6"	ND	ND	ND	ND	ND	0	ND
SW 7	0-6"	ND	ND	ND	ND	ND	0	ND
SW 8	0-6"	ND	ND	ND	ND	ND	0	ND
SW 9	0-6"	ND	ND	ND	ND	ND	0	ND
SW 10	0-6"	ND	ND	ND	ND	ND	0	ND
SW 11	0-6"	ND	ND	ND	ND	ND	0	ND

ND- Analyte Not Detected

On November 11, 2023, the Devon Construction Department mobilized personnel and equipment to begin immediate remediation activities. They began excavating the area to a depth of 1' BGS. The contaminated soil 87 cubic yards was hauled to an approved, lined disposal facility and clean backfill material was brought in.

On November 13, 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.

## 11-13-23 Confirmation Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
DEVON ENERGY - JONES FEDERAL BATTERY								
Sample Date: 11-13-23		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
CS 1 Bottom	1'	ND	ND	ND	ND	ND	0	24.5
CS 2 Bottom	1'	ND	ND	ND	ND	ND	0	26.7
CS 3 Bottom	1'	ND	ND	ND	ND	ND	0	22
CS 4 Bottom	1'	ND	ND	ND	ND	ND	0	33.2
CS 5 Bottom	1'	ND	ND	ND	ND	ND	0	ND
CS 6 Bottom	1'	ND	ND	ND	ND	ND	0	ND
CS 7 Bottom	1'	ND	ND	ND	ND	ND	0	28.9
CS 8 Bottom	1'	ND	ND	ND	ND	ND	0	23.5
CS 9 Bottom	1'	ND	ND	ND	ND	ND	0	41.7
CS 10 Bottom	1'	ND	ND	ND	ND	ND	0	29
CS 11 Bottom	1'	ND	ND	ND	ND	ND	0	20.6
CS 12 Bottom	1'	ND	ND	ND	ND	ND	0	27.4
CS 13 Bottom	1'	ND	ND	ND	ND	ND	0	28.1
CS 14 Bottom	1'	ND	ND	ND	ND	ND	0	40.5
CS 15 Bottom	1'	ND	ND	ND	ND	ND	0	29.4
CSW1 Comp	1'	ND	ND	ND	ND	ND	0	25.3
CSW2 Comp	1'	ND	ND	ND	ND	ND	0	26.8
CSW3 Comp	1'	ND	ND	ND	ND	ND	0	25.3
CSW4 Comp	1'	ND	ND	ND	ND	ND	0	20.5
CSW5 Comp	1'	ND	ND	ND	ND	ND	0	24.6
CSW6 Comp	1'	ND	ND	ND	ND	ND	0	29.6
CSW7 Comp	1'	ND	ND	ND	ND	ND	0	ND
CSW8 Comp	1'	ND	ND	ND	ND	ND	0	ND
CSW9 Comp	1'	ND	ND	ND	ND	ND	0	29.6
CSW10 Comp	1'	ND	ND	ND	ND	ND	0	27.1
CSW11 Comp	1'	ND	ND	ND	ND	ND	0	23.6
CSW12 Comp	1'	ND	ND	ND	ND	ND	0	ND
CSW13 Comp	1'	ND	ND	ND	ND	ND	0	20.9
CSW14 Comp	1'	ND	ND	ND	ND	ND	0	ND
CSW15 Comp	1'	ND	ND	ND	ND	ND	0	32.4
CSW16 Comp	1'	ND	ND	ND	ND	ND	0	26.4
CSW17 Comp	1'	ND	ND	ND	ND	ND	0	32.5
CSW18 Comp	1'	ND	ND	ND	ND	ND	0	27.2
CSW19 Comp	1'	ND	ND	ND	ND	ND	0	20.1
CSW20 Comp	1'	ND	ND	ND	ND	ND	0	23.4

ND- Analyte Not Detected

Complete laboratory reports can be found in Appendix E.

#### **Countermeasures Due to Rejection (288174)**

The previously submitted report faced rejection due to multiple concerns raised by the NMOCD. The summary of the rejection outlined the following reasons:

Pursuant to 19.15.29.12 E.(1)(c) NMAC, laboratory analyses of final sampling must be included in the closure report. Final sampling lab analyses are not included in the report.

- The final sampling laboratory analyses have been included in the report.



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, NAPP2321929306, 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, LLC

#### **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



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**Figures:**

1-Location Map

2-Topographic Map

3-Karst Map

4-Site Map



5-Confirmation Sample Map

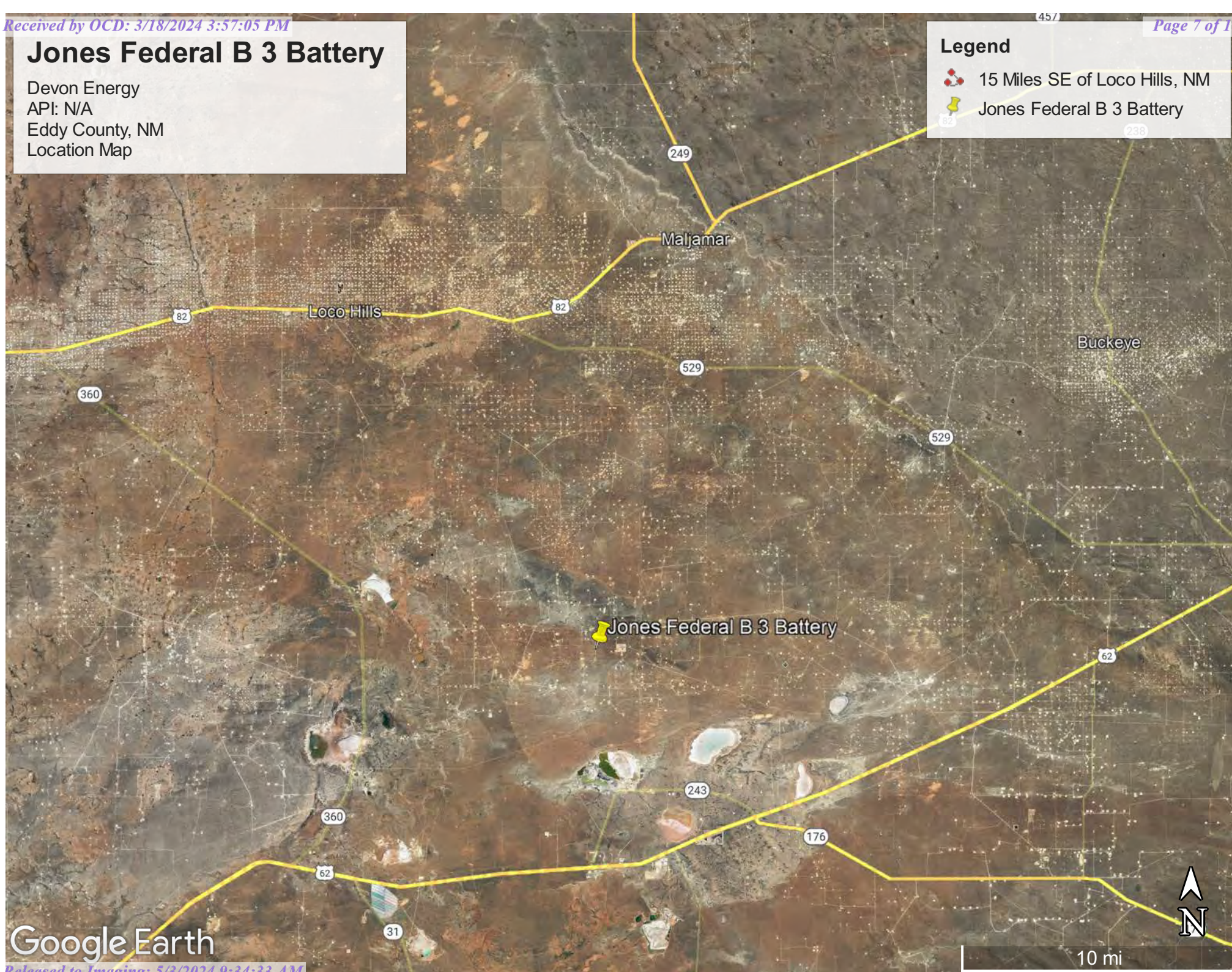


# Jones Federal B 3 Battery

Devon Energy  
API: N/A  
Eddy County, NM  
Location Map

## Legend

-  15 Miles SE of Loco Hills, NM
-  Jones Federal B 3 Battery



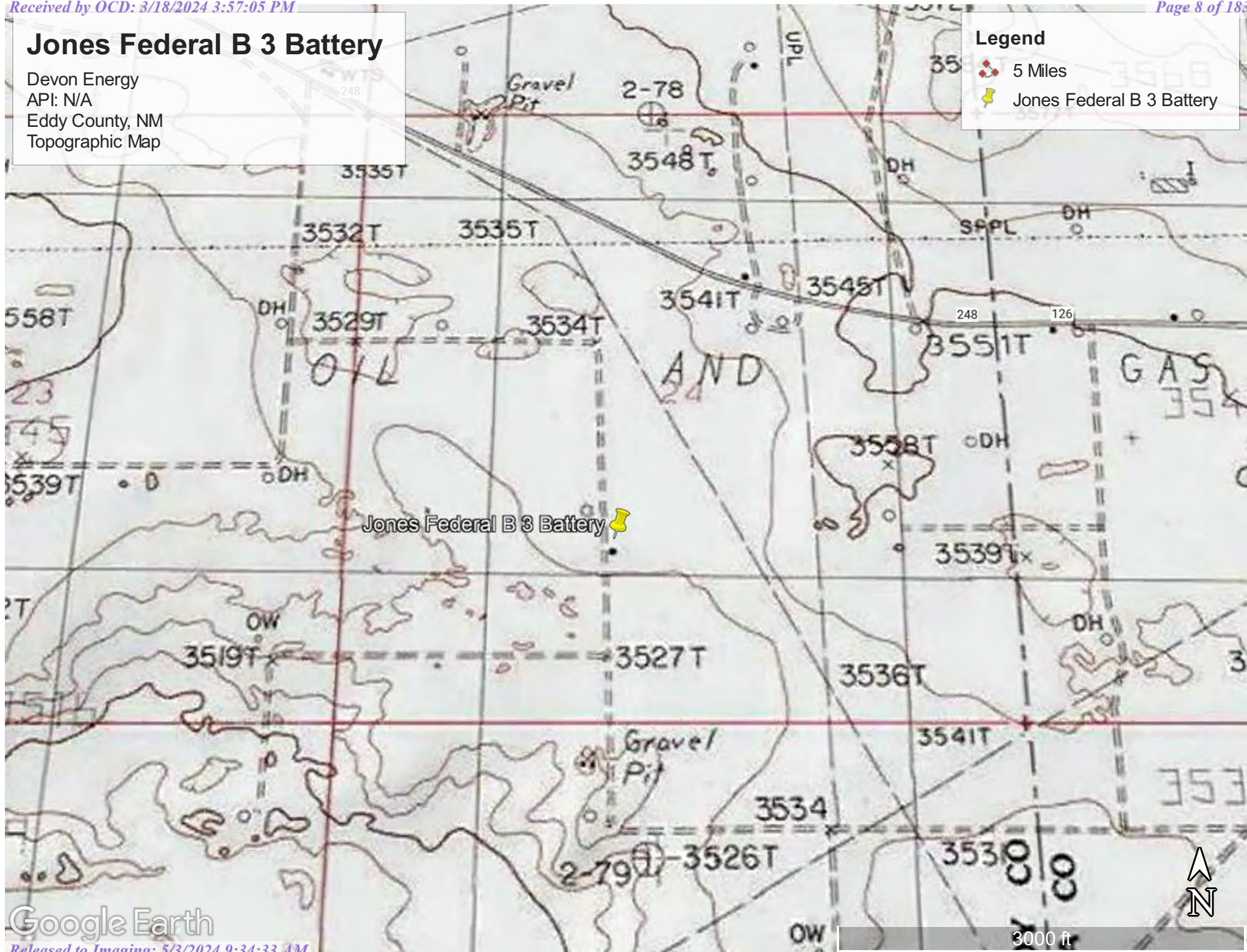


## Jones Federal B 3 Battery

Devon Energy  
API: N/A  
Eddy County, NM  
Topographic Map

### Legend

- 5 Miles
- Jones Federal B 3 Battery







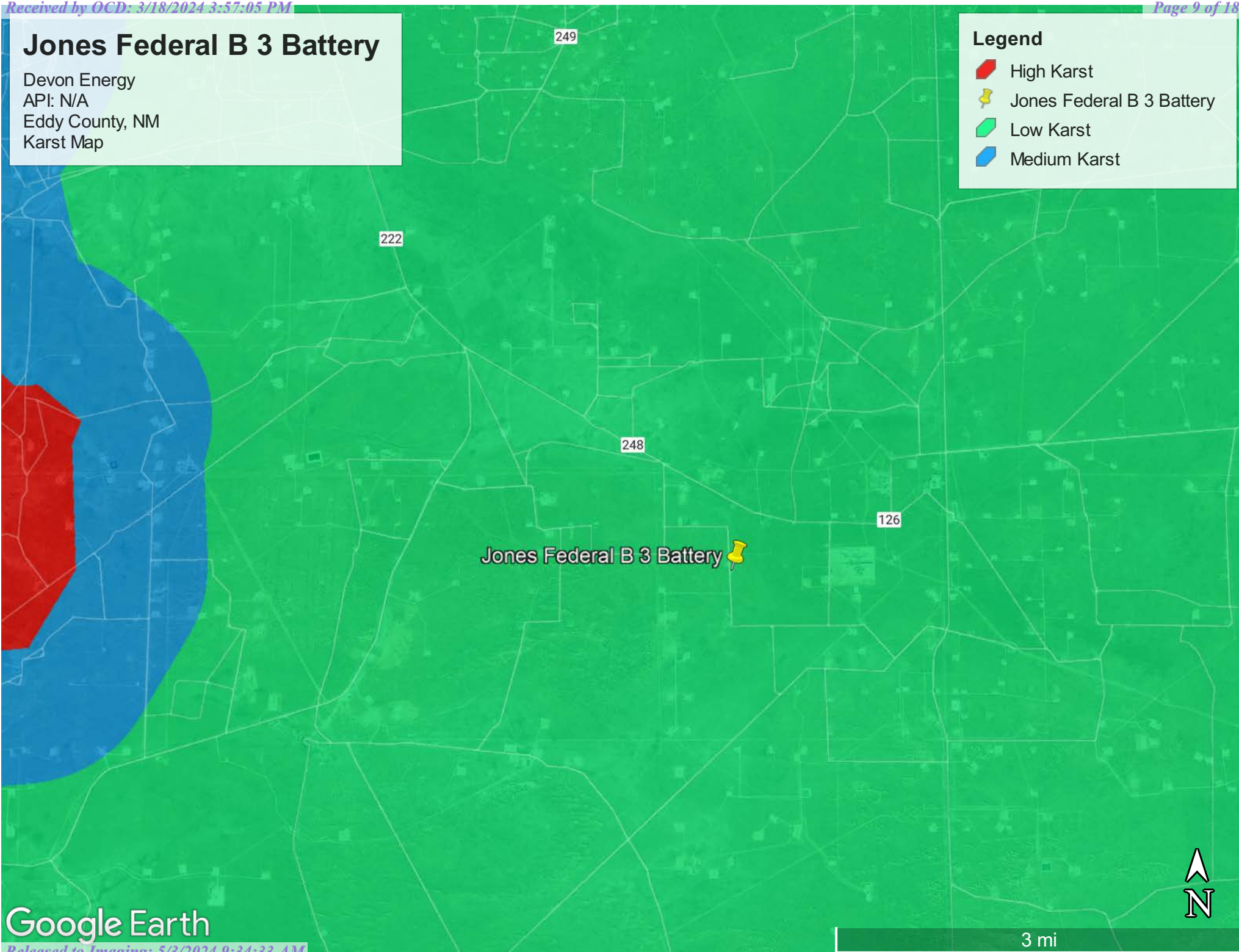


# Jones Federal B 3 Battery

Devon Energy  
API: N/A  
Eddy County, NM  
Karst Map

## Legend

-  High Karst
-  Jones Federal B 3 Battery
-  Low Karst
-  Medium Karst



Google Earth





3 mi

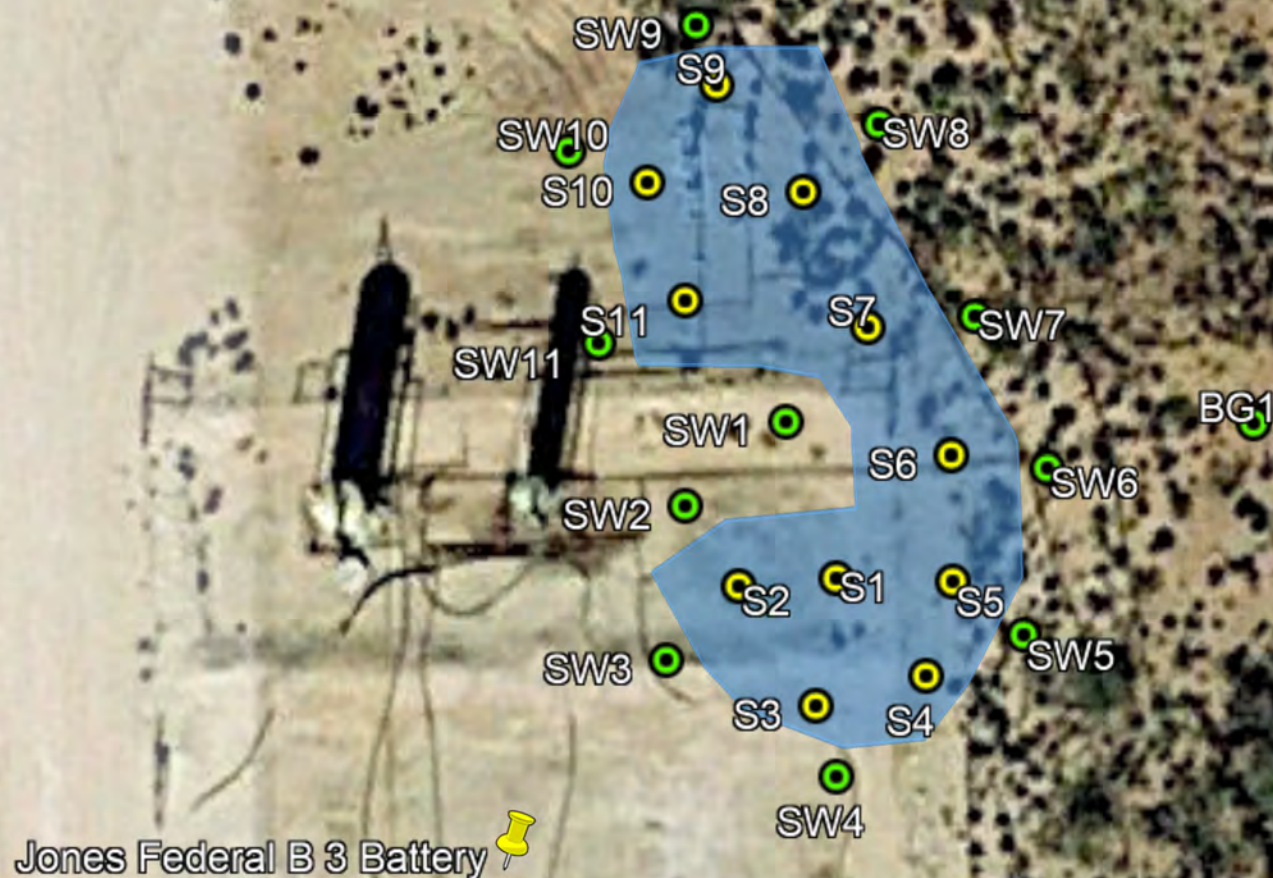


# Jones Federal B 3 Battery

Devon Energy  
API: N/A  
Eddy County, NM  
Site Map

## Legend

-  Jones Federal B 3 Battery
-  Samples
-  Sidewalls/Background
-  Spill area 2,356 sqft



80 ft

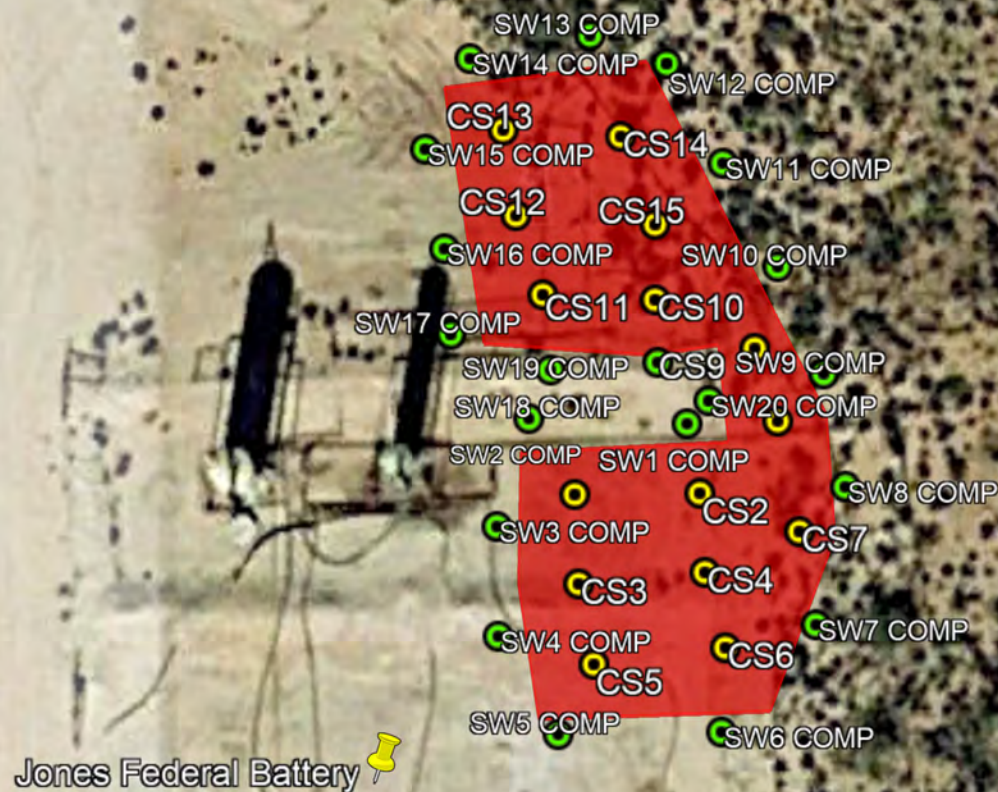


# Jones Federal B 3 Battery

Devon Energy  
API: N/A  
Eddy County, NM  
Confirmation Map

## Legend

- Confirmation Samples
- Confirmation Sidewalls
- Jones Federal Battery



90 ft





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**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="#">CP 00642 POD1</a>		CP	ED	2	2	25	19S	31E		611025	3611657*	994	250		
<a href="#">CP 01939 POD1</a>		CP	ED	2	4	2	26	19S	31E	609488	3611347	1206			
<a href="#">CP 00563 POD1</a>		CP	LE	1	1	2	19	19S	32E	612118	3613376*	2163	300		
<a href="#">CP 00640 POD1</a>		CP	LE	2	2	19	19S	32E		612621	3613280*	2570	260	102	158
<a href="#">CP 00641 POD1</a>		CP	ED	4	1	36	19S	31E		610247	3609634*	2647	300	130	170
<a href="#">CP 00639 POD1</a>		CP	LE	3	1	20	19S	32E		613029	3612880*	2840	350	345	5
<a href="#">CP 01554 POD2</a>		CP	LE	2	2	1	22	19S	31E	607165	3613322	3257	400		
<a href="#">CP 01554 POD1</a>		CP	LE	2	2	1	22	19S	31E	607166	3613354	3267	400		
<a href="#">CP 01656 POD2</a>		CP	LE	3	4	3	17	19S	32E	613364	3613648	3398	70		
<a href="#">CP 01656 POD3</a>		CP	LE	3	4	3	17	19S	32E	613374	3613633	3401	30		
<a href="#">CP 01656 POD1</a>		CP	LE	3	4	3	17	19S	32E	613368	3613646	3401	70		
<a href="#">CP 01864 POD1</a>		CP	ED	4	2	1	34	19S	31E	607068	3609824	4022	110		
<a href="#">CP 00829 POD1</a>		CP	LE	2	4	16	19S	31E		606165	3614009*	4436	120		

Average Depth to Water: **192 feet**

Minimum Depth: **102 feet**

Maximum Depth: **345 feet**

**Record Count:** 13

**UTM NAD83 Radius Search (in meters):**

**Easting (X):** 610251.96

**Northing (Y):** 3612281.96

**Radius:** 5000

\*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.

10/18/23 2:28 PM

WATER COLUMN/ AVERAGE DEPTH TO  
WATER

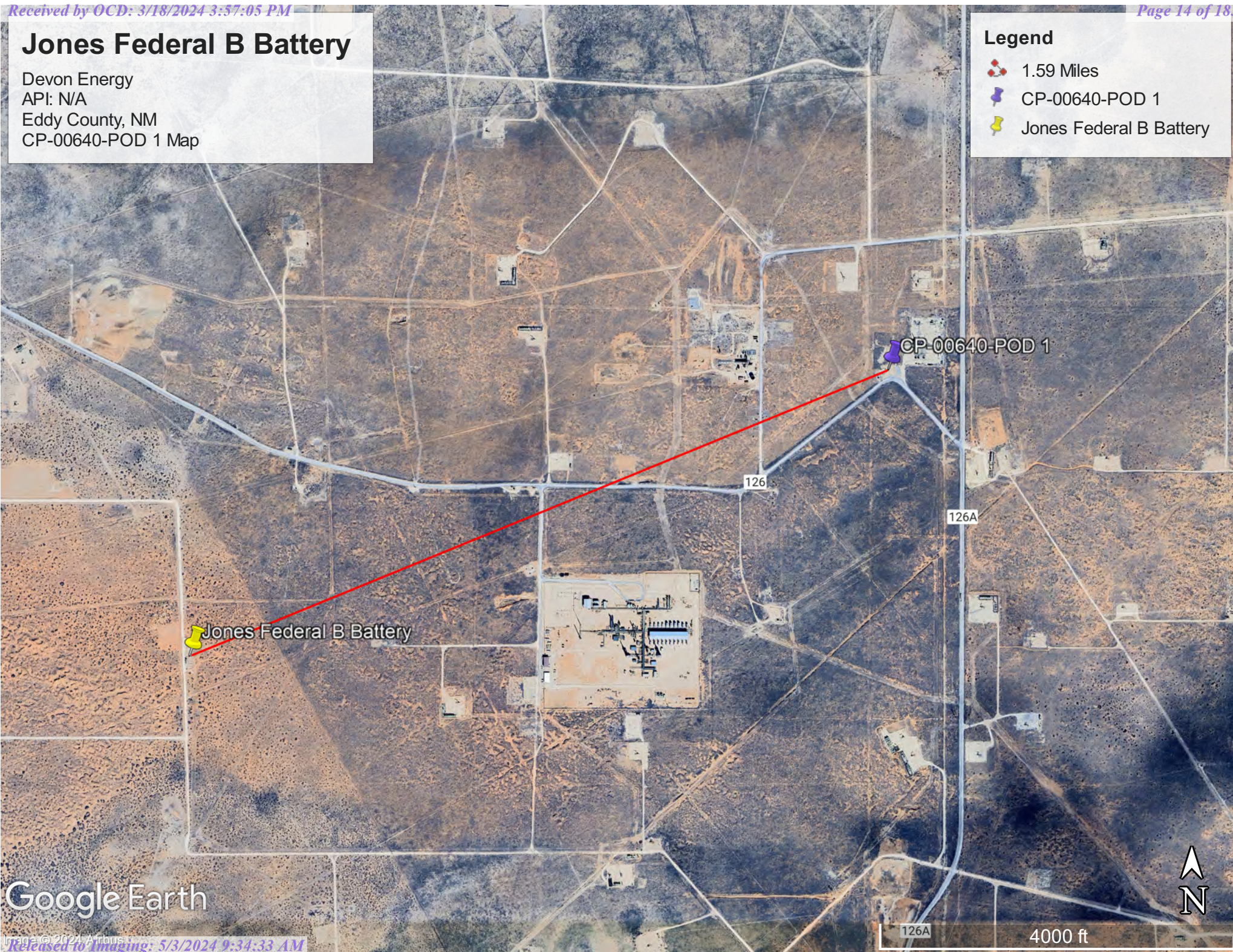


# Jones Federal B Battery

Devon Energy  
API: N/A  
Eddy County, NM  
CP-00640-POD 1 Map

## Legend

- 1.59 Miles
- CP-00640-POD 1
- Jones Federal B Battery



Google Earth





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 hideNews 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 =

- 323712103491001

Minimum number of levels = 1

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

### USGS 323712103491001 19S.32E.31.114

Available data for this site

Groundwater: Field measurements

GO

Lea County, New Mexico

Hydrologic Unit Code 13060011

Latitude 32°37'12", Longitude 103°49'10" NAD27

Land-surface elevation 3,497 feet above NAVD88

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

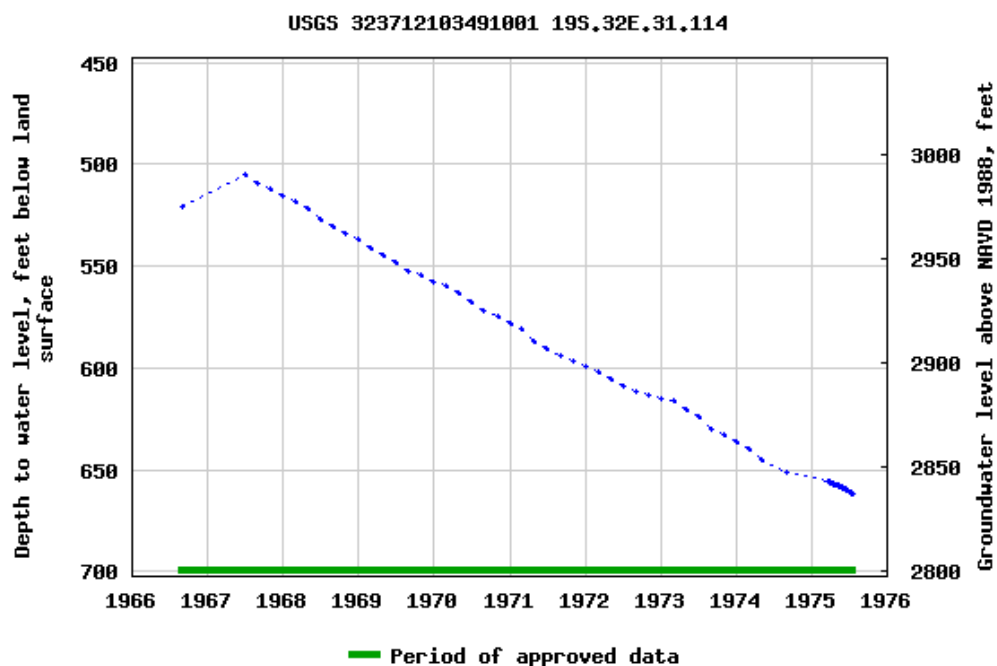
#### Output formats

[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: 2023-10-11 12:17:04 EDT

0.64 0.55 nadww01

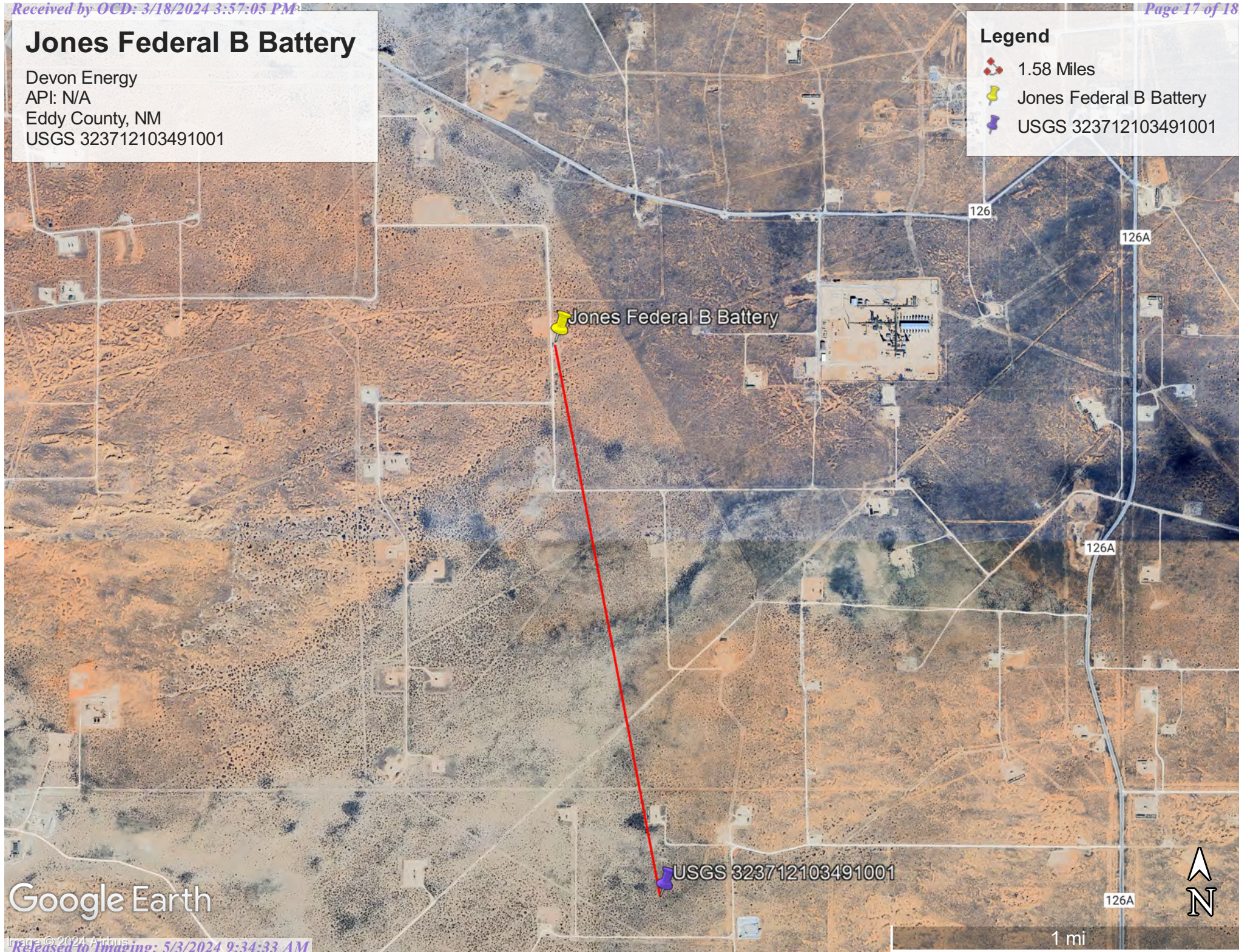


# Jones Federal B Battery

Devon Energy  
API: N/A  
Eddy County, NM  
USGS 323712103491001

## Legend

- 1.58 Miles
- Jones Federal B Battery
- USGS 323712103491001



Google Earth

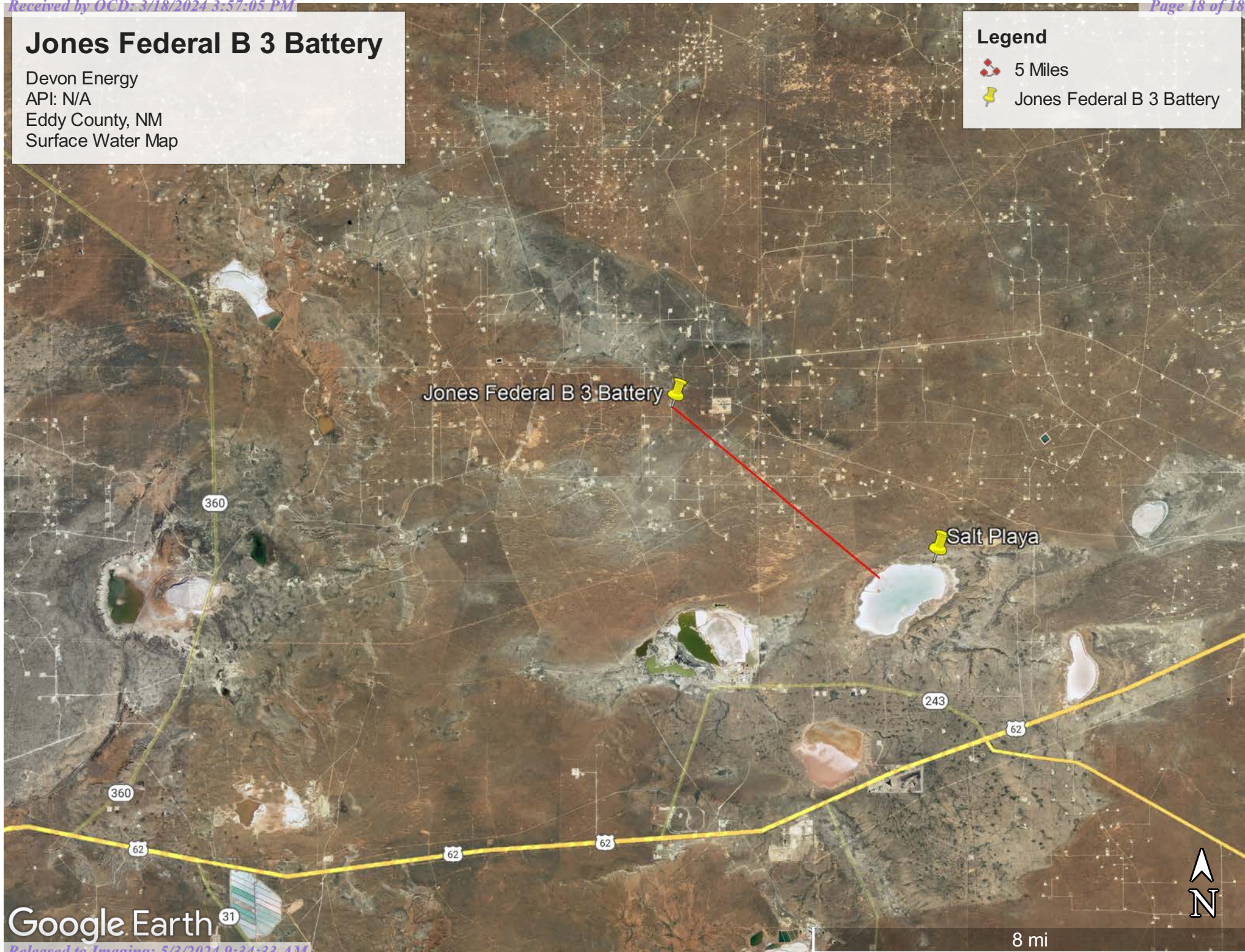


# Jones Federal B 3 Battery

Devon Energy  
API: N/A  
Eddy County, NM  
Surface Water Map

## Legend

- 5 Miles
- Jones Federal B 3 Battery







Pima Environmental Services

**Appendix B**

Soil Survey & Geological Data

FEMA Flood Map

Wetlands Map

Map Unit Description: Berino complex, 0 to 3 percent slopes, eroded---Eddy Area, New Mexico

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## Eddy Area, New Mexico

### BB—Berino complex, 0 to 3 percent slopes, eroded

#### Map Unit Setting

*National map unit symbol:* 1w43

*Elevation:* 2,000 to 5,700 feet

*Mean annual precipitation:* 5 to 15 inches

*Mean annual air temperature:* 57 to 70 degrees F

*Frost-free period:* 180 to 260 days

*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Berino and similar soils:* 60 percent

*Pajarito and similar soils:* 25 percent

*Minor components:* 15 percent

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

#### 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 58 inches:* sandy clay loam

*H3 - 58 to 60 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 8.0 inches)

##### Interpretive groups

*Land capability classification (irrigated):* None specified

Map Unit Description: Berino complex, 0 to 3 percent slopes, eroded---Eddy Area, New Mexico

---

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

### Description of Pajarito

#### Setting

*Landform: Dunes, plains, interdunes*  
*Landform position (three-dimensional): Side slope*  
*Down-slope shape: Convex, linear*  
*Across-slope shape: Convex, linear*  
*Parent material: Mixed alluvium and/or eolian sands*

#### Typical profile

*H1 - 0 to 9 inches: loamy fine sand*  
*H2 - 9 to 72 inches: fine sandy loam*

#### Properties and qualities

*Slope: 0 to 3 percent*  
*Depth to restrictive feature: More than 80 inches*  
*Drainage class: Well drained*  
*Runoff class: Very low*  
*Capacity of the most limiting layer to transmit water (Ksat): High*  
*(2.00 to 6.00 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: Nonsaline (0.0 to 1.0 mmhos/cm)*  
*Sodium adsorption ratio, maximum: 1.0*  
*Available water supply, 0 to 60 inches: Moderate (about 8.0 inches)*

#### Interpretive groups

*Land capability classification (irrigated): 2e*  
*Land capability classification (nonirrigated): 7e*  
*Hydrologic Soil Group: A*  
*Ecological site: R070BD003NM - Loamy Sand*  
*Hydric soil rating: No*

### Minor Components

#### Wink

*Percent of map unit: 4 percent*  
*Ecological site: R070BD003NM - Loamy Sand*  
*Hydric soil rating: No*

#### Cacique

*Percent of map unit: 4 percent*  
*Ecological site: R070BD004NM - Sandy*  
*Hydric soil rating: No*

#### Pajarito

*Percent of map unit: 4 percent*

Map Unit Description: Berino complex, 0 to 3 percent slopes, eroded---Eddy Area, New Mexico

---

*Ecological site:* R070BD003NM - Loamy Sand

*Hydric soil rating:* No

**Kermit**

*Percent of map unit:* 3 percent

*Ecological site:* R070BD005NM - Deep Sand

*Hydric soil rating:* No

## Data Source Information

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 19, Sep 7, 2023

# National Flood Hazard Layer FIRMMette



103°49'47"W 32°38'49"N



1:6,000

103°49'10"W 32°38'19"N

Released to Imaging: 5/3/2024 9:34:33 AM

Basemap Imagery Source: USGS National Map 2023

## Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



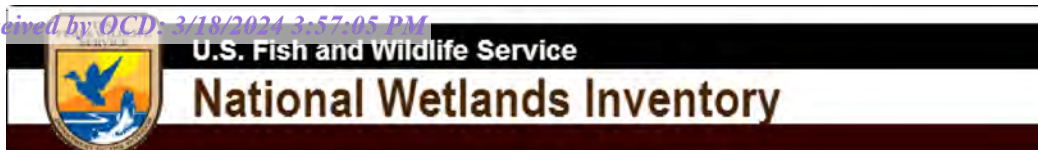
The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **10/11/2023 at 12:20 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



October 11, 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	nAPP2321929306
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Devon Energy Production Company	OGRID 6137
Contact Name Dale Woodall	Contact Telephone 575-748-1838
Contact email dale.woodall@dvn.com	Incident # (assigned by OCD) nAPP2321929306
Contact mailing address 205 E. Bender Road. #150; Hobbs, NM 88240	

Location of Release Source

Latitude 32.64265223 Longitude -103.824532  
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Jones Federal B 3 Battery	Site Type battery
Date Release Discovered 8/5/2023	API# (if applicable)

Unit Letter	Section	Township	Range	County
K	24	19S	31E	EDDY

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) 2.1	Volume Recovered (bbls) 0
	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  
While assistant foreman was passing by the battery noticed circ pump discharge poly line spraying oil in air. Circ pump was shut down and isolated to avoid any further release. 2.1 BBLs spilled. Zero bbls recovered. Spill did go offsite.

Incident ID	nAPP2321929306
District RP	
Facility ID	
Application ID	

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

## Initial Response

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

<input type="checkbox"/> The source of the release has been stopped. <input type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input 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: <u>Dale Woodall</u>	Title: <u>Env. Professional</u>
Signature: <u><i>Dale Woodall</i></u>	Date: <u>8/22/2023</u>
email: <u>dale.woodall@dvn.com</u>	Telephone: <u>575-748-1838</u>
<b><u>OCD Only</u></b>	
Received by: <u>Shelly Wells</u>	Date: <u>8/22/2023</u>

## JONES FEDERAL B 3 BATTERY

nAPP2321929306

8/5/2023

<b><u>Spill Volume(Bbls) Calculator</u></b>	
<i>Inputs in blue, Outputs in red</i>	
Contaminated Soil measurement	
Area (square feet)	Depth(inches)
<u>7880.2388</u>	<u>0.125</u>
Cubic Feet of Soil Impacted	<u>82.086</u>
Barrels of Soil Impacted	<u>14.63</u>
Soil Type	Clay/Sand
Barrels of Oil Assuming 100% Saturation	<u>2.19</u>
Saturation	Fluid present with shovel/backhoe
Estimated Barrels of Oil Released	<u>2.19</u>
Free Standing Fluid Only	
Area (square feet)	Depth(inches)
Standing fluid	<u>0.000</u>
<b><u>Total fluids spilled</u></b>	<b><u>2.195</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 255655

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 255655
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	8/22/2023

Incident ID	nAPP2321929306
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	nAPP2321929306
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 Professional

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

email: dale.woodall@dvn.com Telephone: 575-748-1838

**OCD Only**

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

Incident ID	nAPP2321929306
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: \_\_\_\_\_ Date: \_\_\_\_\_

email: dale.woodall@dvn.com Telephone: 575-748-1838

**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: \_\_\_\_\_





Gio PimaOil &lt;gio@pimaoil.com&gt;

**Confirmation Samples for Jones Federal Battery-NAPP2321929306**

2 messages

Gio PimaOil &lt;gio@pimaoil.com&gt;

Thu, Nov 9, 2023 at 7:53 AM

To: OCD.Enviro@emnrd.nm.gov, Tom Pima Oil &lt;tom@pimaoil.com&gt;

*Good Morning,*

Pima Environmental would like to notify you that we will begin collecting confirmation samples at the Jones Federal Battery

for incident NAPP2321929306. Pima personnel are scheduled to be on site for this sampling event at approximately 8:00 a.m. on Monday, November 13, 2023. If you have any questions or concerns, please let me know. Thank you.

--

*Gio Gomez*

Project Manager

cell-806-782-1151

Office- 575-964-7740

Pima Environmental Services, LLC.

**Wells, Shelly, EMNRD** <Shelly.Wells@emnrd.nm.gov>

Thu, Nov 9, 2023 at 9:06 AM

To: Gio PimaOil &lt;gio@pimaoil.com&gt;, "Enviro, OCD, EMNRD" &lt;OCD.Enviro@emnrd.nm.gov&gt;, Tom Pima Oil &lt;tom@pimaoil.com&gt;

Cc: "Hamlet, Robert, EMNRD" &lt;Robert.Hamlet@emnrd.nm.gov&gt;, "Bratcher, Michael, EMNRD" &lt;mike.bratcher@emnrd.nm.gov&gt;

Hi Gio,

The OCD has received your notification. Include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thank you,

Shelly

**Shelly Wells** \* Environmental Specialist-Advanced

Environmental Bureau

EMNRD-Oil Conservation Division

1220 S. St. Francis Drive|Santa Fe, NM 87505

(505)469-7520|[Shelly.Wells@emnrd.nm.gov](mailto:Shelly.Wells@emnrd.nm.gov)<http://www.emnrd.state.nm.us/OCD/>

---

**From:** Gio PimaOil <[gio@pimaoil.com](mailto:gio@pimaoil.com)>

**Sent:** Thursday, November 9, 2023 7:53 AM

**To:** Enviro, OCD, EMNRD <[OCD.Enviro@emnrd.nm.gov](mailto:OCD.Enviro@emnrd.nm.gov)>; Tom Pima Oil <[tom@pimaoil.com](mailto:tom@pimaoil.com)>

**Subject:** [EXTERNAL] Confirmation Samples for Jones Federal Battery-NAPP2321929306

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

[Quoted text hidden]



Pima Environmental Services

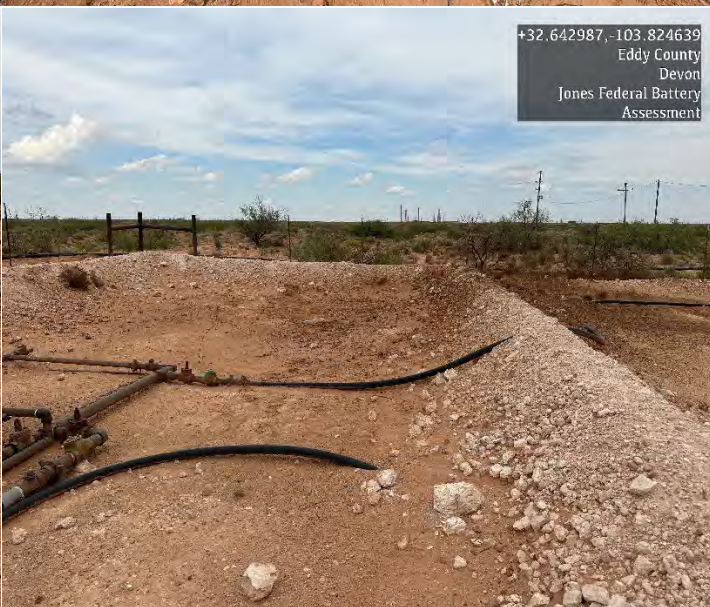
## **Appendix D**

Photographic Documentation

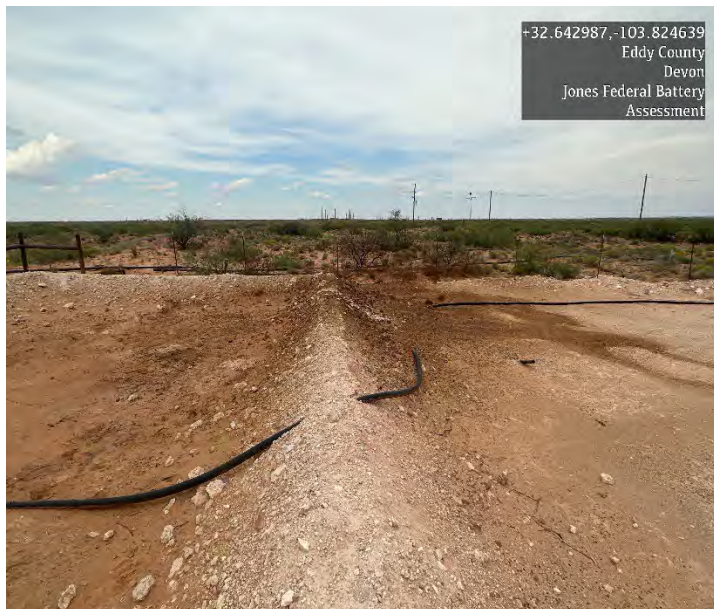


**SITE PHOTOGRAPHS  
DEVON ENERGY  
JONES FEDERAL B 3 BATTERY**

**Site Assessment**











Pre-Excavation







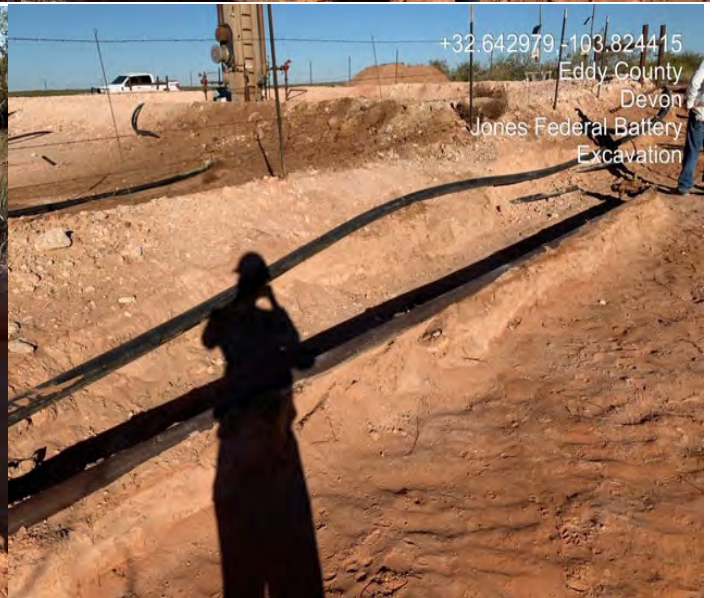




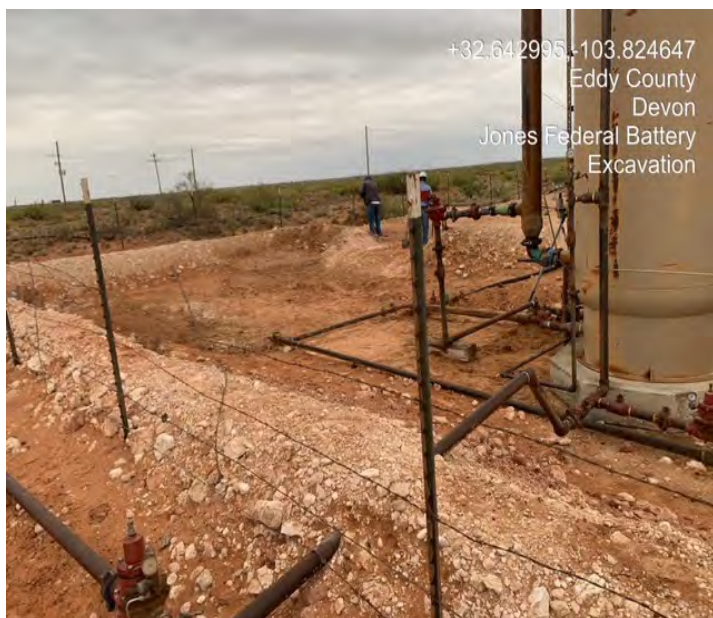
## Excavation

















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: Jones Federal Battery

Work Order: E310078

Job Number: 01058-0007

Received: 10/12/2023

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
10/17/23

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: 10/17/23

Tom Bynum  
PO Box 247  
Plains, TX 79355-0247



Project Name: Jones Federal Battery  
Workorder: E310078  
Date Received: 10/12/2023 8:25:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/12/2023 8:25:00AM, under the Project Name: Jones Federal Battery.

The analytical test results summarized in this report with the Project Name: Jones Federal 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**  
Laboratory Technical Representative  
Office: 505-421-LABS(5227)  
Cell: 505-320-4759  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

**Michelle Golzales**  
Client Representative  
Office: 505-421-LABS(5227)  
Cell: 505-947-8222  
[mgonzales@envirotech-inc.com](mailto:mgonzales@envirotech-inc.com)

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)



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## Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Jones Federal Battery	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/17/23 13:18

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1 - 0-6"	E310078-01A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S1 - 1'	E310078-02A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S1 - 2'	E310078-03A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S2 - 0-6"	E310078-04A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S2 - 1'	E310078-05A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S2 - 2'	E310078-06A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S3 - 0-6"	E310078-07A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S3 - 1'	E310078-08A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S3 - 2'	E310078-09A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S4 - 0-6"	E310078-10A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S4 - 1'	E310078-11A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S4 - 2'	E310078-12A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S5 - 0-6"	E310078-13A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S5 - 1'	E310078-14A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S5 - 2'	E310078-15A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S6 - 0-6"	E310078-16A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S6 - 1'	E310078-17A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S6 - 2'	E310078-18A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S7 - 0-6"	E310078-19A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S7 - 1'	E310078-20A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.



## Sample Data

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

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

**Reported:**  
10/17/2023 1:18:35PM

S1 - 0-6"

E310078-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341079
Benzene	ND	0.0250	1	10/12/23	10/12/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/12/23	
Toluene	ND	0.0250	1	10/12/23	10/12/23	
o-Xylene	ND	0.0250	1	10/12/23	10/12/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/12/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene	96.5 %	70-130		10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4	91.6 %	70-130		10/12/23	10/12/23	
Surrogate: Toluene-d8	97.6 %	70-130		10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341079
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene	96.5 %	70-130		10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4	91.6 %	70-130		10/12/23	10/12/23	
Surrogate: Toluene-d8	97.6 %	70-130		10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2341074
Diesel Range Organics (C10-C28)	244	25.0	1	10/12/23	10/13/23	
Oil Range Organics (C28-C36)	241	50.0	1	10/12/23	10/13/23	
Surrogate: n-Nonane	103 %	50-200		10/12/23	10/13/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2341078
Chloride	101	20.0	1	10/12/23	10/12/23	





## Sample Data

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

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

**Reported:**  
10/17/2023 1:18:35PM

S1 - 1'

E310078-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341079
Benzene	ND	0.0250	1	10/12/23	10/12/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/12/23	
Toluene	ND	0.0250	1	10/12/23	10/12/23	
o-Xylene	ND	0.0250	1	10/12/23	10/12/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/12/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene	97.6 %	70-130		10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4	96.3 %	70-130		10/12/23	10/12/23	
Surrogate: Toluene-d8	94.8 %	70-130		10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341079
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene	97.6 %	70-130		10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4	96.3 %	70-130		10/12/23	10/12/23	
Surrogate: Toluene-d8	94.8 %	70-130		10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2341074
Diesel Range Organics (C10-C28)	97.0	25.0	1	10/12/23	10/13/23	
Oil Range Organics (C28-C36)	119	50.0	1	10/12/23	10/13/23	
Surrogate: n-Nonane	104 %	50-200		10/12/23	10/13/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2341078
Chloride	51.3	20.0	1	10/12/23	10/12/23	



## Sample Data

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

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

**Reported:**  
10/17/2023 1:18:35PM

S1 - 2'

E310078-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341079
Benzene	ND	0.0250	1	10/12/23	10/12/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/12/23	
Toluene	ND	0.0250	1	10/12/23	10/12/23	
o-Xylene	ND	0.0250	1	10/12/23	10/12/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/12/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene	98.5 %	70-130		10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4	95.8 %	70-130		10/12/23	10/12/23	
Surrogate: Toluene-d8	96.1 %	70-130		10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341079
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene	98.5 %	70-130		10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4	95.8 %	70-130		10/12/23	10/12/23	
Surrogate: Toluene-d8	96.1 %	70-130		10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2341074
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/23	10/13/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/23	10/13/23	
Surrogate: n-Nonane	105 %	50-200		10/12/23	10/13/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2341078
Chloride	ND	20.0	1	10/12/23	10/12/23	





Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jones Federal Battery Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 10/17/2023 1:18:35PM
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S2 - 0-6"

E310078-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341079
Benzene	ND	0.0250	1	10/12/23	10/12/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/12/23	
Toluene	ND	0.0250	1	10/12/23	10/12/23	
o-Xylene	ND	0.0250	1	10/12/23	10/12/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/12/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene	98.9 %	70-130		10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4	96.1 %	70-130		10/12/23	10/12/23	
Surrogate: Toluene-d8	96.0 %	70-130		10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341079
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene	98.9 %	70-130		10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4	96.1 %	70-130		10/12/23	10/12/23	
Surrogate: Toluene-d8	96.0 %	70-130		10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2341074
Diesel Range Organics (C10-C28)	323	25.0	1	10/12/23	10/13/23	
Oil Range Organics (C28-C36)	327	50.0	1	10/12/23	10/13/23	
Surrogate: n-Nonane	114 %	50-200		10/12/23	10/13/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2341078
Chloride	106	20.0	1	10/12/23	10/12/23	



## Sample Data

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

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

**Reported:**  
10/17/2023 1:18:35PM

S2 - 1'

E310078-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341079
Benzene	ND	0.0250	1	10/12/23	10/12/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/12/23	
Toluene	ND	0.0250	1	10/12/23	10/12/23	
o-Xylene	ND	0.0250	1	10/12/23	10/12/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/12/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene	99.5 %	70-130		10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4	95.2 %	70-130		10/12/23	10/12/23	
Surrogate: Toluene-d8	97.0 %	70-130		10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341079
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene	99.5 %	70-130		10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4	95.2 %	70-130		10/12/23	10/12/23	
Surrogate: Toluene-d8	97.0 %	70-130		10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2341074
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/23	10/13/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/23	10/13/23	
Surrogate: n-Nonane	105 %	50-200		10/12/23	10/13/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2341078
Chloride	ND	20.0	1	10/12/23	10/12/23	





## Sample Data

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

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

**Reported:**  
10/17/2023 1:18:35PM

S2 - 2'

E310078-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341079
Benzene	ND	0.0250	1	10/12/23	10/12/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/12/23	
Toluene	ND	0.0250	1	10/12/23	10/12/23	
o-Xylene	ND	0.0250	1	10/12/23	10/12/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/12/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene	98.5 %	70-130		10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4	95.0 %	70-130		10/12/23	10/12/23	
Surrogate: Toluene-d8	95.2 %	70-130		10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341079
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene	98.5 %	70-130		10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4	95.0 %	70-130		10/12/23	10/12/23	
Surrogate: Toluene-d8	95.2 %	70-130		10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2341074
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/23	10/13/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/23	10/13/23	
Surrogate: n-Nonane	110 %	50-200		10/12/23	10/13/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2341078
Chloride	ND	20.0	1	10/12/23	10/12/23	



## Sample Data

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

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

**Reported:**  
10/17/2023 1:18:35PM

S3 - 0-6"

E310078-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341079
Benzene	ND	0.0250	1	10/12/23	10/12/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/12/23	
Toluene	ND	0.0250	1	10/12/23	10/12/23	
o-Xylene	ND	0.0250	1	10/12/23	10/12/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/12/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene	99.7 %	70-130		10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4	95.8 %	70-130		10/12/23	10/12/23	
Surrogate: Toluene-d8	96.6 %	70-130		10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341079
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene	99.7 %	70-130		10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4	95.8 %	70-130		10/12/23	10/12/23	
Surrogate: Toluene-d8	96.6 %	70-130		10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2341074
Diesel Range Organics (C10-C28)	321	25.0	1	10/12/23	10/13/23	
Oil Range Organics (C28-C36)	296	50.0	1	10/12/23	10/13/23	
Surrogate: n-Nonane	108 %	50-200		10/12/23	10/13/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2341078
Chloride	173	20.0	1	10/12/23	10/12/23	





Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jones Federal Battery Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 10/17/2023 1:18:35PM
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S3 - 1'

E310078-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341079
Benzene	ND	0.0250	1	10/12/23	10/12/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/12/23	
Toluene	ND	0.0250	1	10/12/23	10/12/23	
o-Xylene	ND	0.0250	1	10/12/23	10/12/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/12/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene		101 %	70-130	10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130	10/12/23	10/12/23	
Surrogate: Toluene-d8		96.8 %	70-130	10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341079
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene		101 %	70-130	10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130	10/12/23	10/12/23	
Surrogate: Toluene-d8		96.8 %	70-130	10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2341074
Diesel Range Organics (C10-C28)	25.0	25.0	1	10/12/23	10/13/23	
Oil Range Organics (C28-C36)	57.4	50.0	1	10/12/23	10/13/23	
Surrogate: n-Nonane		108 %	50-200	10/12/23	10/13/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2341078
Chloride	ND	20.0	1	10/12/23	10/12/23	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Jones Federal Battery	<b>Reported:</b> 10/17/2023 1:18:35PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

S3 - 2'

E310078-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2341079	
Benzene	ND	0.0250	1	10/12/23	10/12/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/12/23	
Toluene	ND	0.0250	1	10/12/23	10/12/23	
o-Xylene	ND	0.0250	1	10/12/23	10/12/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/12/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene	99.9 %	70-130		10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4	93.0 %	70-130		10/12/23	10/12/23	
Surrogate: Toluene-d8	97.1 %	70-130		10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2341079	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene	99.9 %	70-130		10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4	93.0 %	70-130		10/12/23	10/12/23	
Surrogate: Toluene-d8	97.1 %	70-130		10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2341074	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/23	10/13/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/23	10/13/23	
Surrogate: n-Nonane	109 %	50-200		10/12/23	10/13/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2341078	
Chloride	ND	20.0	1	10/12/23	10/12/23	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jones Federal Battery Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 10/17/2023 1:18:35PM
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S4 - 0-6"

E310078-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341079
Benzene	ND	0.0250	1	10/12/23	10/12/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/12/23	
Toluene	ND	0.0250	1	10/12/23	10/12/23	
o-Xylene	ND	0.0250	1	10/12/23	10/12/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/12/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene		100 %	70-130	10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130	10/12/23	10/12/23	
Surrogate: Toluene-d8		94.4 %	70-130	10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341079
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene		100 %	70-130	10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130	10/12/23	10/12/23	
Surrogate: Toluene-d8		94.4 %	70-130	10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2341074
Diesel Range Organics (C10-C28)	262	25.0	1	10/12/23	10/13/23	
Oil Range Organics (C28-C36)	268	50.0	1	10/12/23	10/13/23	
Surrogate: n-Nonane		108 %	50-200	10/12/23	10/13/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2341078
Chloride	103	20.0	1	10/12/23	10/12/23	





## Sample Data

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

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

**Reported:**  
10/17/2023 1:18:35PM

S4 - 1'

E310078-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341079
Benzene	ND	0.0250	1	10/12/23	10/12/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/12/23	
Toluene	ND	0.0250	1	10/12/23	10/12/23	
o-Xylene	ND	0.0250	1	10/12/23	10/12/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/12/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene	99.2 %	70-130		10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4	92.7 %	70-130		10/12/23	10/12/23	
Surrogate: Toluene-d8	96.0 %	70-130		10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341079
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene	99.2 %	70-130		10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4	92.7 %	70-130		10/12/23	10/12/23	
Surrogate: Toluene-d8	96.0 %	70-130		10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2341074
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/23	10/13/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/23	10/13/23	
Surrogate: n-Nonane	106 %	50-200		10/12/23	10/13/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2341078
Chloride	ND	20.0	1	10/12/23	10/12/23	



## Sample Data

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

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

**Reported:**  
10/17/2023 1:18:35PM

S4 - 2'

E310078-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341079
Benzene	ND	0.0250	1	10/12/23	10/12/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/12/23	
Toluene	ND	0.0250	1	10/12/23	10/12/23	
o-Xylene	ND	0.0250	1	10/12/23	10/12/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/12/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene		102 %	70-130	10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130	10/12/23	10/12/23	
Surrogate: Toluene-d8		97.4 %	70-130	10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341079
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene		102 %	70-130	10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130	10/12/23	10/12/23	
Surrogate: Toluene-d8		97.4 %	70-130	10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2341074
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/23	10/13/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/23	10/13/23	
Surrogate: n-Nonane		109 %	50-200	10/12/23	10/13/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2341078
Chloride	ND	20.0	1	10/12/23	10/13/23	



## Sample Data

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

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

**Reported:**  
10/17/2023 1:18:35PM

S5 - 0-6"

E310078-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341079
Benzene	ND	0.0250	1	10/12/23	10/12/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/12/23	
Toluene	ND	0.0250	1	10/12/23	10/12/23	
o-Xylene	ND	0.0250	1	10/12/23	10/12/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/12/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene		100 %	70-130	10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4		94.6 %	70-130	10/12/23	10/12/23	
Surrogate: Toluene-d8		95.5 %	70-130	10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341079
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene		100 %	70-130	10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4		94.6 %	70-130	10/12/23	10/12/23	
Surrogate: Toluene-d8		95.5 %	70-130	10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2341074
Diesel Range Organics (C10-C28)	211	25.0	1	10/12/23	10/13/23	
Oil Range Organics (C28-C36)	205	50.0	1	10/12/23	10/13/23	
Surrogate: n-Nonane		113 %	50-200	10/12/23	10/13/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2341078
Chloride	177	20.0	1	10/12/23	10/13/23	





## Sample Data

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

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

**Reported:**  
10/17/2023 1:18:35PM

S5 - 1'

E310078-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341079
Benzene	ND	0.0250	1	10/12/23	10/12/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/12/23	
Toluene	ND	0.0250	1	10/12/23	10/12/23	
o-Xylene	ND	0.0250	1	10/12/23	10/12/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/12/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene	97.1 %	70-130		10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4	96.9 %	70-130		10/12/23	10/12/23	
Surrogate: Toluene-d8	95.5 %	70-130		10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341079
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene	97.1 %	70-130		10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4	96.9 %	70-130		10/12/23	10/12/23	
Surrogate: Toluene-d8	95.5 %	70-130		10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2341074
Diesel Range Organics (C10-C28)	60.6	25.0	1	10/12/23	10/13/23	
Oil Range Organics (C28-C36)	82.3	50.0	1	10/12/23	10/13/23	
Surrogate: n-Nonane	119 %	50-200		10/12/23	10/13/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2341078
Chloride	43.7	20.0	1	10/12/23	10/13/23	



## Sample Data

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

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

**Reported:**  
10/17/2023 1:18:35PM

S5 - 2'

E310078-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341079
Benzene	ND	0.0250	1	10/12/23	10/12/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/12/23	
Toluene	ND	0.0250	1	10/12/23	10/12/23	
o-Xylene	ND	0.0250	1	10/12/23	10/12/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/12/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene		100 %	70-130	10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4		95.6 %	70-130	10/12/23	10/12/23	
Surrogate: Toluene-d8		95.3 %	70-130	10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341079
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene		100 %	70-130	10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4		95.6 %	70-130	10/12/23	10/12/23	
Surrogate: Toluene-d8		95.3 %	70-130	10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2341074
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/23	10/13/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/23	10/13/23	
Surrogate: n-Nonane		113 %	50-200	10/12/23	10/13/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2341078
Chloride	ND	20.0	1	10/12/23	10/13/23	



## Sample Data

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

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

**Reported:**  
10/17/2023 1:18:35PM

S6 - 0-6"

E310078-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341079
Benzene	ND	0.0250	1	10/12/23	10/12/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/12/23	
Toluene	ND	0.0250	1	10/12/23	10/12/23	
o-Xylene	ND	0.0250	1	10/12/23	10/12/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/12/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene		100 %	70-130	10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	10/12/23	10/12/23	
Surrogate: Toluene-d8		96.8 %	70-130	10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341079
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene		100 %	70-130	10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	10/12/23	10/12/23	
Surrogate: Toluene-d8		96.8 %	70-130	10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2341074
Diesel Range Organics (C10-C28)	297	25.0	1	10/12/23	10/13/23	
Oil Range Organics (C28-C36)	263	50.0	1	10/12/23	10/13/23	
Surrogate: n-Nonane		121 %	50-200	10/12/23	10/13/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2341078
Chloride	179	20.0	1	10/12/23	10/13/23	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Jones Federal Battery	<b>Reported:</b> 10/17/2023 1:18:35PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

S6 - 1'

E310078-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341079
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene	97.9 %	70-130		10/12/23	10/13/23	
Surrogate: 1,2-Dichloroethane-d4	98.4 %	70-130		10/12/23	10/13/23	
Surrogate: Toluene-d8	95.6 %	70-130		10/12/23	10/13/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341079
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene	97.9 %	70-130		10/12/23	10/13/23	
Surrogate: 1,2-Dichloroethane-d4	98.4 %	70-130		10/12/23	10/13/23	
Surrogate: Toluene-d8	95.6 %	70-130		10/12/23	10/13/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2341074
Diesel Range Organics (C10-C28)	66.5	25.0	1	10/12/23	10/13/23	
Oil Range Organics (C28-C36)	123	50.0	1	10/12/23	10/13/23	
Surrogate: n-Nonane	98.0 %	50-200		10/12/23	10/13/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2341078
Chloride	44.2	20.0	1	10/12/23	10/13/23	



## Sample Data

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

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

**Reported:**  
10/17/2023 1:18:35PM

S6 - 2'

E310078-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341079
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		101 %	70-130	10/12/23	10/13/23	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130	10/12/23	10/13/23	
Surrogate: Toluene-d8		96.6 %	70-130	10/12/23	10/13/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341079
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		101 %	70-130	10/12/23	10/13/23	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130	10/12/23	10/13/23	
Surrogate: Toluene-d8		96.6 %	70-130	10/12/23	10/13/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2341074
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/23	10/13/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/23	10/13/23	
Surrogate: n-Nonane		106 %	50-200	10/12/23	10/13/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2341078
Chloride	ND	20.0	1	10/12/23	10/13/23	



## Sample Data

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

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

**Reported:**  
10/17/2023 1:18:35PM

S7 - 0-6"

E310078-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341079
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene	98.1 %	70-130		10/12/23	10/13/23	
Surrogate: 1,2-Dichloroethane-d4	96.1 %	70-130		10/12/23	10/13/23	
Surrogate: Toluene-d8	96.4 %	70-130		10/12/23	10/13/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341079
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene	98.1 %	70-130		10/12/23	10/13/23	
Surrogate: 1,2-Dichloroethane-d4	96.1 %	70-130		10/12/23	10/13/23	
Surrogate: Toluene-d8	96.4 %	70-130		10/12/23	10/13/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2341074
Diesel Range Organics (C10-C28)	353	25.0	1	10/12/23	10/13/23	
Oil Range Organics (C28-C36)	345	50.0	1	10/12/23	10/13/23	
Surrogate: n-Nonane	107 %	50-200		10/12/23	10/13/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2341078
Chloride	100	20.0	1	10/12/23	10/13/23	





## Sample Data

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

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

**Reported:**  
10/17/2023 1:18:35PM

S7 - 1'

E310078-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341079
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene	96.8 %	70-130		10/12/23	10/13/23	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		10/12/23	10/13/23	
Surrogate: Toluene-d8	96.5 %	70-130		10/12/23	10/13/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341079
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene	96.8 %	70-130		10/12/23	10/13/23	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		10/12/23	10/13/23	
Surrogate: Toluene-d8	96.5 %	70-130		10/12/23	10/13/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2341074
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/23	10/13/23	
Oil Range Organics (C28-C36)	62.7	50.0	1	10/12/23	10/13/23	
Surrogate: n-Nonane	95.4 %	50-200		10/12/23	10/13/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2341078
Chloride	ND	20.0	1	10/12/23	10/13/23	



Pima Environmental Services-Carlsbad	Project Name:	Jones Federal Battery	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/17/2023 1:18:35PM

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 (2341079-BLK1)

Prepared: 10/12/23 Analyzed: 10/12/23

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	0.507		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.3	70-130			
Surrogate: Toluene-d8	0.485		0.500		97.0	70-130			

LCS (2341079-BS1)

Prepared: 10/12/23 Analyzed: 10/12/23

Benzene	2.38	0.0250	2.50		95.3	70-130			
Ethylbenzene	2.42	0.0250	2.50		96.9	70-130			
Toluene	2.32	0.0250	2.50		92.9	70-130			
o-Xylene	2.37	0.0250	2.50		94.9	70-130			
p,m-Xylene	4.67	0.0500	5.00		93.4	70-130			
Total Xylenes	7.04	0.0250	7.50		93.9	70-130			
Surrogate: Bromofluorobenzene	0.487		0.500		97.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.477		0.500		95.4	70-130			
Surrogate: Toluene-d8	0.486		0.500		97.2	70-130			

Matrix Spike (2341079-MS1)

Source: E310078-08 Prepared: 10/12/23 Analyzed: 10/12/23

Benzene	2.33	0.0250	2.50	ND	93.2	48-131			
Ethylbenzene	2.38	0.0250	2.50	ND	95.3	45-135			
Toluene	2.29	0.0250	2.50	ND	91.8	48-130			
o-Xylene	2.39	0.0250	2.50	ND	95.5	43-135			
p,m-Xylene	4.67	0.0500	5.00	ND	93.3	43-135			
Total Xylenes	7.05	0.0250	7.50	ND	94.0	43-135			
Surrogate: Bromofluorobenzene	0.489		0.500		97.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500		96.7	70-130			
Surrogate: Toluene-d8	0.495		0.500		98.9	70-130			

Matrix Spike Dup (2341079-MSD1)

Source: E310078-08 Prepared: 10/12/23 Analyzed: 10/12/23

Benzene	2.37	0.0250	2.50	ND	94.6	48-131	1.56	23	
Ethylbenzene	2.42	0.0250	2.50	ND	96.8	45-135	1.52	27	
Toluene	2.32	0.0250	2.50	ND	92.8	48-130	1.06	24	
o-Xylene	2.51	0.0250	2.50	ND	100	43-135	5.14	27	
p,m-Xylene	4.90	0.0500	5.00	ND	98.1	43-135	4.95	27	
Total Xylenes	7.42	0.0250	7.50	ND	98.9	43-135	5.02	27	
Surrogate: Bromofluorobenzene	0.500		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.510		0.500		102	70-130			
Surrogate: Toluene-d8	0.491		0.500		98.2	70-130			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Jones Federal Battery	Reported:  10/17/2023 1:18:35PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

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 (2341079-BLK1) Prepared: 10/12/23 Analyzed: 10/12/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.507		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.3	70-130			
Surrogate: Toluene-d8	0.485		0.500		97.0	70-130			

LCS (2341079-BS2) Prepared: 10/12/23 Analyzed: 10/12/23

Gasoline Range Organics (C6-C10)	42.5	20.0	50.0		85.0	70-130			
Surrogate: Bromofluorobenzene	0.503		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.4	70-130			
Surrogate: Toluene-d8	0.485		0.500		97.0	70-130			

Matrix Spike (2341079-MS2) Source: E310078-08 Prepared: 10/12/23 Analyzed: 10/12/23

Gasoline Range Organics (C6-C10)	41.9	20.0	50.0	ND	83.8	70-130			
Surrogate: Bromofluorobenzene	0.505		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.5	70-130			
Surrogate: Toluene-d8	0.488		0.500		97.6	70-130			

Matrix Spike Dup (2341079-MSD2) Source: E310078-08 Prepared: 10/12/23 Analyzed: 10/12/23

Gasoline Range Organics (C6-C10)	41.2	20.0	50.0	ND	82.4	70-130	1.70	20	
Surrogate: Bromofluorobenzene	0.498		0.500		99.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.480		0.500		95.9	70-130			
Surrogate: Toluene-d8	0.488		0.500		97.6	70-130			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Jones Federal Battery	Reported:  10/17/2023 1:18:35PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2341074-BLK1)					Prepared: 10/12/23 Analyzed: 10/13/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.2		50.0		102	50-200			

LCS (2341074-BS1)					Prepared: 10/12/23 Analyzed: 10/13/23				
Diesel Range Organics (C10-C28)	263	25.0	250		105	38-132			
Surrogate: n-Nonane	52.7		50.0		105	50-200			

Matrix Spike (2341074-MS1)					Source: E310078-03		Prepared: 10/12/23 Analyzed: 10/13/23		
Diesel Range Organics (C10-C28)	255	25.0	250	ND	102	38-132			
Surrogate: n-Nonane	52.4		50.0		105	50-200			

Matrix Spike Dup (2341074-MSD1)					Source: E310078-03		Prepared: 10/12/23 Analyzed: 10/13/23		
Diesel Range Organics (C10-C28)	291	25.0	250	ND	117	38-132	13.3	20	
Surrogate: n-Nonane	56.3		50.0		113	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Jones Federal Battery	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/17/2023 1:18:35PM

Anions by EPA 300.0/9056A

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 (2341078-BLK1)					Prepared: 10/12/23 Analyzed: 10/12/23				
Chloride	ND	20.0							
LCS (2341078-BS1)					Prepared: 10/12/23 Analyzed: 10/12/23				
Chloride	247	20.0	250		98.6	90-110			
Matrix Spike (2341078-MS1)					Source: E310078-01		Prepared: 10/12/23 Analyzed: 10/12/23		
Chloride	351	20.0	250	101	99.8	80-120			
Matrix Spike Dup (2341078-MSD1)					Source: E310078-01		Prepared: 10/12/23 Analyzed: 10/12/23		
Chloride	355	20.0	250	101	102	80-120	1.23	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:	Jones Federal Battery	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/17/23 13:18

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

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

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





## Project Information

## Chain of Custody

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E310078/01058-0001

<b>Client: Pima Environmental Services</b> <b>Project:</b> Jones Federal Battery <b>Project Manager:</b> Tom Bynum <b>Address:</b> 5614 N. Lovington Hwy. <b>City, State, Zip:</b> Hobbs, NM, 88240 <b>Phone:</b> 580-748-1613 <b>Email:</b> tom@pimaoil.com <b>Report due by:</b>					<b>Bill To</b> <b>Attention:</b> Devon <b>Address:</b> <b>City, State, Zip:</b> <b>Phone:</b> <b>Email:</b> <b>Pima Project #</b> 346					<b>Lab Use Only</b> <b>Lab Work:</b> <b>Analysis and Method:</b> DRO/DRO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM BGDOC TX					<b>TAT</b> 1D 2D 3D Standard X				<b>EPA Program</b> CWA SDWA RCRA	
										<b>State</b> NM CO UT AZ TX										
										<b>Remarks</b>										
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX							
8:06	10-10-23	S	1	51-0-6"	1															
8:11				51-1"	2															
8:15				51-2"	3															
8:17				52-0-6"	4															
8:20				52-1"	5															
8:27				52-2"	6															
8:31				53-0-6"	7															
8:35				53-1"	8															
8:38				53-2"	9															
8:41				54-0-6"	10															

**Additional Instructions:** Billing # 2120 7371

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: \_\_\_\_\_

Relinquished by: (Signature) Karime Adams Date 10/11/23 Time 1:20

Received by: (Signature) Michelle Cough Date 10-11-23 Time 1320

Relinquished by: (Signature) Michelle Cough Date 10-11-23 Time 1700

Received by: (Signature) Michelle Cough Date 10-11-23 Time 1730

Relinquished by: (Signature) John MCG Date 10-11-23 Time 2330

Received by: (Signature) Auth Man Date 10-12-23 Time 8:25

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**



## Project Information

## Chain of Custody

Page 2 of 5

Client: Pima Environmental Services

Project: SONES Federal Battery

Project Manager: Tom Bynum

Address: 5614 N. Lovington Hwy.

City, State, Zip: Hobbs, NM, 88240

Phone: 580-748-1613

Email: tom@pimaoil.com

Report due by:

Bill To

Attention: T. Bynum

Address:

City, State, Zip

Phone:

Email:

Pima Project # 346

E310078 / 01058-0007

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		DRQ/ORQ	GRO/DRQ	BTEX by	VOC by	Metals & Chloride		BGDOC	BGDOC		Remarks
8:44	10/10	S	1	54-1'	11										
8:47				54-2'	12										
8:51				55-0-6"	13										
8:54				55-1'	14										
8:58				55-2'	15										
8:59				56-0-6"	16										
9:03				56-1'	17										
9:07				56-2'	18										
9:10				57-0-6"	19										
9:13				57-1'	20										

## Additional Instructions:

Billing # 21207371

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>Karim Hame</u>	Date <u>10/11/23</u>	Time <u>1:20</u>	Received by: (Signature) <u>Nichelle Goyl</u>	Date <u>10-11-23</u>	Time <u>1320</u>	Lab Use Only Received on ice: <u>0</u> <input type="checkbox"/> AVG Temp °C <u>4</u>
Relinquished by: (Signature) <u>Nichelle Goyl</u>	Date <u>10-11-23</u>	Time <u>1700</u>	Received by: (Signature) <u>Andrew Russo</u>	Date <u>10-11-23</u>	Time <u>1730</u>	
Relinquished by: (Signature) <u>Andrew Russo</u>	Date <u>10-11-23</u>	Time <u>2330</u>	Received by: (Signature) <u>Cathy Man</u>	Date <u>10-12-23</u>	Time <u>8:25</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: 10/12/2023 12:45:41PM

## 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:	10/12/23 08:25	Work Order ID:	E310078
Phone:	(575) 631-6977	Date Logged In:	10/11/23 16:17	Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	10/18/23 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

Project Jones Federal Battery has been separated into 2 reports due to sample volume.  
Workorders are as follows: E310078 & E310079.

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: Jones Federal Battery

Work Order: E310079

Job Number: 01058-0007

Received: 10/12/2023

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
10/18/23

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: 10/18/23

Tom Bynum  
PO Box 247  
Plains, TX 79355-0247



Project Name: Jones Federal Battery  
Workorder: E310079  
Date Received: 10/12/2023 8:25:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/12/2023 8:25:00AM, under the Project Name: Jones Federal Battery.

The analytical test results summarized in this report with the Project Name: Jones Federal 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**  
Laboratory Technical Representative  
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Cell: 505-320-4759  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

**Michelle Golzales**  
Client Representative  
Office: 505-421-LABS(5227)  
Cell: 505-947-8222  
[mgonzales@envirotech-inc.com](mailto:mgonzales@envirotech-inc.com)

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Jones Federal Battery	Reported: 10/18/23 10:53
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S7 - 2'	E310079-01A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S8 - 0-6"	E310079-02A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S8 - 1'	E310079-03A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S8 - 2'	E310079-04A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S9 - 0-6"	E310079-05A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S9 - 1'	E310079-06A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S9 - 2'	E310079-07A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S10 - 0-6"	E310079-08A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S10 - 1'	E310079-09A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S10 - 2'	E310079-10A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S11 - 0-6"	E310079-11A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S11 - 1'	E310079-12A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
S11 - 2'	E310079-13A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
SW1 - 0-6"	E310079-14A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
SW2 - 0-6"	E310079-15A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
SW3 - 0-6"	E310079-16A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
SW4 - 0-6"	E310079-17A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
SW5 - 0-6"	E310079-18A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
SW6 - 0-6"	E310079-19A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
SW7 - 0-6"	E310079-20A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
SW8 - 0-6"	E310079-21A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
SW9 - 0-6"	E310079-22A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
SW10 - 0-6"	E310079-23A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.
SW11 - 0-6"	E310079-24A	Soil	10/10/23	10/12/23	Glass Jar, 2 oz.

## Sample Data

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

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

**Reported:**  
10/18/2023 10:53:03AM

S7 - 2'

E310079-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341080
Benzene	ND	0.0250	1	10/12/23	10/12/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/12/23	
Toluene	<b>0.0265</b>	0.0250	1	10/12/23	10/12/23	
o-Xylene	ND	0.0250	1	10/12/23	10/12/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/12/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/12/23	
<i>Surrogate: Bromofluorobenzene</i>		115 %	70-130	10/12/23	10/12/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.1 %	70-130	10/12/23	10/12/23	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341080
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/12/23	
<i>Surrogate: Bromofluorobenzene</i>		115 %	70-130	10/12/23	10/12/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.1 %	70-130	10/12/23	10/12/23	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2341087
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/23	10/13/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/23	10/13/23	
<i>Surrogate: n-Nonane</i>		88.6 %	50-200	10/12/23	10/13/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2341107
Chloride	ND	20.0	1	10/13/23	10/13/23	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Jones Federal Battery	Reported: 10/18/2023 10:53:03AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

S8 - 0-6"

E310079-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2341080	
Benzene	ND	0.0250	1	10/12/23	10/12/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/12/23	
Toluene	ND	0.0250	1	10/12/23	10/12/23	
o-Xylene	ND	0.0250	1	10/12/23	10/12/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/12/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene		116 %	70-130	10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4		93.3 %	70-130	10/12/23	10/12/23	
Surrogate: Toluene-d8		109 %	70-130	10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2341080	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene		116 %	70-130	10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4		93.3 %	70-130	10/12/23	10/12/23	
Surrogate: Toluene-d8		109 %	70-130	10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2341087	
Diesel Range Organics (C10-C28)	307	50.0	2	10/12/23	10/13/23	
Oil Range Organics (C28-C36)	329	100	2	10/12/23	10/13/23	
Surrogate: n-Nonane		87.4 %	50-200	10/12/23	10/13/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2341107	
Chloride	106	20.0	1	10/13/23	10/13/23	



## Sample Data

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

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

**Reported:**  
10/18/2023 10:53:03AM

S8 - 1'

E310079-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341080
Benzene	ND	0.0250	1	10/12/23	10/12/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/12/23	
Toluene	ND	0.0250	1	10/12/23	10/12/23	
o-Xylene	ND	0.0250	1	10/12/23	10/12/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/12/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene		118 %	70-130	10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4		93.9 %	70-130	10/12/23	10/12/23	
Surrogate: Toluene-d8		109 %	70-130	10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341080
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene		118 %	70-130	10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4		93.9 %	70-130	10/12/23	10/12/23	
Surrogate: Toluene-d8		109 %	70-130	10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2341087
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/23	10/13/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/23	10/13/23	
Surrogate: n-Nonane		85.4 %	50-200	10/12/23	10/13/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2341107
Chloride	ND	20.0	1	10/13/23	10/13/23	



## Sample Data

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

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

**Reported:**  
10/18/2023 10:53:03AM

S8 - 2'

E310079-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341080
Benzene	ND	0.0250	1	10/12/23	10/12/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/12/23	
Toluene	ND	0.0250	1	10/12/23	10/12/23	
o-Xylene	ND	0.0250	1	10/12/23	10/12/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/12/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene		111 %	70-130	10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130	10/12/23	10/12/23	
Surrogate: Toluene-d8		109 %	70-130	10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341080
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene		111 %	70-130	10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130	10/12/23	10/12/23	
Surrogate: Toluene-d8		109 %	70-130	10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2341087
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/23	10/13/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/23	10/13/23	
Surrogate: n-Nonane		88.5 %	50-200	10/12/23	10/13/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2341107
Chloride	ND	20.0	1	10/13/23	10/13/23	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Jones Federal Battery	Reported: 10/18/2023 10:53:03AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

S9 - 0-6"

E310079-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341080
Benzene	ND	0.0250	1	10/12/23	10/12/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/12/23	
Toluene	ND	0.0250	1	10/12/23	10/12/23	
o-Xylene	ND	0.0250	1	10/12/23	10/12/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/12/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene		116 %	70-130	10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4		94.3 %	70-130	10/12/23	10/12/23	
Surrogate: Toluene-d8		109 %	70-130	10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341080
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene		116 %	70-130	10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4		94.3 %	70-130	10/12/23	10/12/23	
Surrogate: Toluene-d8		109 %	70-130	10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2341087
Diesel Range Organics (C10-C28)	269	125	5	10/12/23	10/13/23	
Oil Range Organics (C28-C36)	ND	250	5	10/12/23	10/13/23	
Surrogate: n-Nonane		86.5 %	50-200	10/12/23	10/13/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2341107
Chloride	177	20.0	1	10/13/23	10/13/23	



## Sample Data

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

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

**Reported:**  
10/18/2023 10:53:03AM

S9 - 1'

E310079-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341080
Benzene	ND	0.0250	1	10/12/23	10/12/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/12/23	
Toluene	ND	0.0250	1	10/12/23	10/12/23	
o-Xylene	ND	0.0250	1	10/12/23	10/12/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/12/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene		114 %	70-130	10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130	10/12/23	10/12/23	
Surrogate: Toluene-d8		111 %	70-130	10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341080
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene		114 %	70-130	10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130	10/12/23	10/12/23	
Surrogate: Toluene-d8		111 %	70-130	10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2341087
Diesel Range Organics (C10-C28)	47.1	25.0	1	10/12/23	10/13/23	
Oil Range Organics (C28-C36)	54.3	50.0	1	10/12/23	10/13/23	
Surrogate: n-Nonane		89.8 %	50-200	10/12/23	10/13/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2341107
Chloride	52.7	20.0	1	10/13/23	10/13/23	



## Sample Data

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

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

**Reported:**  
10/18/2023 10:53:03AM

S9 - 2'

E310079-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341080
Benzene	ND	0.0250	1	10/12/23	10/12/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/12/23	
Toluene	ND	0.0250	1	10/12/23	10/12/23	
o-Xylene	ND	0.0250	1	10/12/23	10/12/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/12/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene		112 %	70-130	10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4		94.9 %	70-130	10/12/23	10/12/23	
Surrogate: Toluene-d8		109 %	70-130	10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341080
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene		112 %	70-130	10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4		94.9 %	70-130	10/12/23	10/12/23	
Surrogate: Toluene-d8		109 %	70-130	10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2341087
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/23	10/13/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/23	10/13/23	
Surrogate: n-Nonane		92.5 %	50-200	10/12/23	10/13/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2341107
Chloride	ND	20.0	1	10/13/23	10/13/23	





## Sample Data

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

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

**Reported:**  
10/18/2023 10:53:03AM

**S10 - 0-6"****E310079-08**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341080
Benzene	ND	0.0250	1	10/12/23	10/12/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/12/23	
Toluene	ND	0.0250	1	10/12/23	10/12/23	
o-Xylene	ND	0.0250	1	10/12/23	10/12/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/12/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene		115 %	70-130	10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	10/12/23	10/12/23	
Surrogate: Toluene-d8		111 %	70-130	10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341080
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene		115 %	70-130	10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	10/12/23	10/12/23	
Surrogate: Toluene-d8		111 %	70-130	10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2341087
Diesel Range Organics (C10-C28)	262	250	10	10/12/23	10/13/23	
Oil Range Organics (C28-C36)	ND	500	10	10/12/23	10/13/23	
Surrogate: n-Nonane		84.7 %	50-200	10/12/23	10/13/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2341107
Chloride	175	20.0	1	10/13/23	10/13/23	



## Sample Data

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

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

**Reported:**  
10/18/2023 10:53:03AM

## S10 - 1'

## E310079-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341080
Benzene	ND	0.0250	1	10/12/23	10/12/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/12/23	
Toluene	ND	0.0250	1	10/12/23	10/12/23	
o-Xylene	ND	0.0250	1	10/12/23	10/12/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/12/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene		110 %	70-130	10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4		96.2 %	70-130	10/12/23	10/12/23	
Surrogate: Toluene-d8		108 %	70-130	10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341080
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene		110 %	70-130	10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4		96.2 %	70-130	10/12/23	10/12/23	
Surrogate: Toluene-d8		108 %	70-130	10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2341087
Diesel Range Organics (C10-C28)	74.2	25.0	1	10/12/23	10/14/23	
Oil Range Organics (C28-C36)	67.8	50.0	1	10/12/23	10/14/23	
Surrogate: n-Nonane		91.4 %	50-200	10/12/23	10/14/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2341107
Chloride	56.5	20.0	1	10/13/23	10/13/23	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Jones Federal Battery	<b>Reported:</b> 10/18/2023 10:53:03AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

S10 - 2'

E310079-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341080
Benzene	ND	0.0250	1	10/12/23	10/12/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/12/23	
Toluene	ND	0.0250	1	10/12/23	10/12/23	
o-Xylene	ND	0.0250	1	10/12/23	10/12/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/12/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene		110 %	70-130	10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130	10/12/23	10/12/23	
Surrogate: Toluene-d8		108 %	70-130	10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341080
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene		110 %	70-130	10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130	10/12/23	10/12/23	
Surrogate: Toluene-d8		108 %	70-130	10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2341087
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/23	10/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/23	10/14/23	
Surrogate: n-Nonane		91.5 %	50-200	10/12/23	10/14/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2341107
Chloride	ND	20.0	1	10/13/23	10/13/23	





Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jones Federal Battery Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 10/18/2023 10:53:03AM
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S11 - 0-6"

E310079-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341080
Benzene	ND	0.0250	1	10/12/23	10/12/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/12/23	
Toluene	ND	0.0250	1	10/12/23	10/12/23	
o-Xylene	ND	0.0250	1	10/12/23	10/12/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/12/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene		113 %	70-130	10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4		92.3 %	70-130	10/12/23	10/12/23	
Surrogate: Toluene-d8		111 %	70-130	10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341080
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene		113 %	70-130	10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4		92.3 %	70-130	10/12/23	10/12/23	
Surrogate: Toluene-d8		111 %	70-130	10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2341087
Diesel Range Organics (C10-C28)	246	50.0	2	10/12/23	10/14/23	
Oil Range Organics (C28-C36)	259	100	2	10/12/23	10/14/23	
Surrogate: n-Nonane		86.2 %	50-200	10/12/23	10/14/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2341107
Chloride	107	20.0	1	10/13/23	10/13/23	



## Sample Data

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

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

**Reported:**  
10/18/2023 10:53:03AM

S11 - 1'

E310079-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341080
Benzene	ND	0.0250	1	10/12/23	10/12/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/12/23	
Toluene	ND	0.0250	1	10/12/23	10/12/23	
o-Xylene	ND	0.0250	1	10/12/23	10/12/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/12/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene		116 %	70-130	10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130	10/12/23	10/12/23	
Surrogate: Toluene-d8		110 %	70-130	10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341080
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene		116 %	70-130	10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130	10/12/23	10/12/23	
Surrogate: Toluene-d8		110 %	70-130	10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2341087
Diesel Range Organics (C10-C28)	66.6	25.0	1	10/12/23	10/14/23	
Oil Range Organics (C28-C36)	74.6	50.0	1	10/12/23	10/14/23	
Surrogate: n-Nonane		88.7 %	50-200	10/12/23	10/14/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2341107
Chloride	50.3	20.0	1	10/13/23	10/13/23	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jones Federal Battery Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 10/18/2023 10:53:03AM
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S11 - 2'  
E310079-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341080
Benzene	ND	0.0250	1	10/12/23	10/12/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/12/23	
Toluene	0.0325	0.0250	1	10/12/23	10/12/23	
o-Xylene	ND	0.0250	1	10/12/23	10/12/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/12/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene		115 %	70-130	10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4		94.4 %	70-130	10/12/23	10/12/23	
Surrogate: Toluene-d8		109 %	70-130	10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341080
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene		115 %	70-130	10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4		94.4 %	70-130	10/12/23	10/12/23	
Surrogate: Toluene-d8		109 %	70-130	10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2341087
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/23	10/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/23	10/14/23	
Surrogate: n-Nonane		99.5 %	50-200	10/12/23	10/14/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2341107
Chloride	ND	20.0	1	10/13/23	10/13/23	



## Sample Data

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

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

**Reported:**  
10/18/2023 10:53:03AM

SW1 - 0-6"

E310079-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341080
Benzene	ND	0.0250	1	10/12/23	10/12/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/12/23	
Toluene	ND	0.0250	1	10/12/23	10/12/23	
o-Xylene	ND	0.0250	1	10/12/23	10/12/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/12/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene		113 %	70-130	10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4		95.5 %	70-130	10/12/23	10/12/23	
Surrogate: Toluene-d8		110 %	70-130	10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341080
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene		113 %	70-130	10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4		95.5 %	70-130	10/12/23	10/12/23	
Surrogate: Toluene-d8		110 %	70-130	10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2341087
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/23	10/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/23	10/14/23	
Surrogate: n-Nonane		91.6 %	50-200	10/12/23	10/14/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2341107
Chloride	ND	20.0	1	10/13/23	10/13/23	





Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jones Federal Battery Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 10/18/2023 10:53:03AM
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SW2 - 0-6"  
E310079-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341080
Benzene	ND	0.0250	1	10/12/23	10/12/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/12/23	
Toluene	ND	0.0250	1	10/12/23	10/12/23	
o-Xylene	ND	0.0250	1	10/12/23	10/12/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/12/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene		113 %	70-130	10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4		93.6 %	70-130	10/12/23	10/12/23	
Surrogate: Toluene-d8		108 %	70-130	10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341080
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene		113 %	70-130	10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4		93.6 %	70-130	10/12/23	10/12/23	
Surrogate: Toluene-d8		108 %	70-130	10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2341087
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/23	10/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/23	10/14/23	
Surrogate: n-Nonane		92.3 %	50-200	10/12/23	10/14/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2341107
Chloride	ND	20.0	1	10/13/23	10/13/23	



## Sample Data

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

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

**Reported:**  
10/18/2023 10:53:03AM

SW3 - 0-6"

E310079-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341080
Benzene	ND	0.0250	1	10/12/23	10/12/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/12/23	
Toluene	ND	0.0250	1	10/12/23	10/12/23	
o-Xylene	ND	0.0250	1	10/12/23	10/12/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/12/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene		114 %	70-130	10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4		96.5 %	70-130	10/12/23	10/12/23	
Surrogate: Toluene-d8		110 %	70-130	10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341080
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene		114 %	70-130	10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4		96.5 %	70-130	10/12/23	10/12/23	
Surrogate: Toluene-d8		110 %	70-130	10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2341087
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/23	10/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/23	10/14/23	
Surrogate: n-Nonane		98.2 %	50-200	10/12/23	10/14/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2341107
Chloride	ND	20.0	1	10/13/23	10/13/23	



## Sample Data

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

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

**Reported:**  
10/18/2023 10:53:03AM

SW4 - 0-6"

E310079-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341080
Benzene	ND	0.0250	1	10/12/23	10/12/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/12/23	
Toluene	ND	0.0250	1	10/12/23	10/12/23	
o-Xylene	ND	0.0250	1	10/12/23	10/12/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/12/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene		112 %	70-130	10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	10/12/23	10/12/23	
Surrogate: Toluene-d8		109 %	70-130	10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341080
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/12/23	
Surrogate: Bromofluorobenzene		112 %	70-130	10/12/23	10/12/23	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	10/12/23	10/12/23	
Surrogate: Toluene-d8		109 %	70-130	10/12/23	10/12/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2341087
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/23	10/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/23	10/14/23	
Surrogate: n-Nonane		88.9 %	50-200	10/12/23	10/14/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2341107
Chloride	ND	20.0	1	10/13/23	10/13/23	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Jones Federal Battery	Reported: 10/18/2023 10:53:03AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

SW5 - 0-6"  
E310079-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341080
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	0.0325	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		113 %	70-130	10/12/23	10/13/23	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130	10/12/23	10/13/23	
Surrogate: Toluene-d8		108 %	70-130	10/12/23	10/13/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341080
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		113 %	70-130	10/12/23	10/13/23	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130	10/12/23	10/13/23	
Surrogate: Toluene-d8		108 %	70-130	10/12/23	10/13/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2341087
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/23	10/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/23	10/14/23	
Surrogate: n-Nonane		97.7 %	50-200	10/12/23	10/14/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2341107
Chloride	ND	20.0	1	10/13/23	10/14/23	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Jones Federal Battery	Reported: 10/18/2023 10:53:03AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

SW6 - 0-6"  
E310079-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2341080	
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene	109 %	70-130		10/12/23	10/13/23	
Surrogate: 1,2-Dichloroethane-d4	99.5 %	70-130		10/12/23	10/13/23	
Surrogate: Toluene-d8	108 %	70-130		10/12/23	10/13/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2341080	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene	109 %	70-130		10/12/23	10/13/23	
Surrogate: 1,2-Dichloroethane-d4	99.5 %	70-130		10/12/23	10/13/23	
Surrogate: Toluene-d8	108 %	70-130		10/12/23	10/13/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2341087	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/23	10/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/23	10/14/23	
Surrogate: n-Nonane	90.6 %	50-200		10/12/23	10/14/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2341107	
Chloride	ND	20.0	1	10/13/23	10/14/23	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jones Federal Battery Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 10/18/2023 10:53:03AM
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SW7 - 0-6"  
E310079-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341080
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		113 %	70-130	10/12/23	10/13/23	
Surrogate: 1,2-Dichloroethane-d4		94.0 %	70-130	10/12/23	10/13/23	
Surrogate: Toluene-d8		110 %	70-130	10/12/23	10/13/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341080
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
Surrogate: Bromofluorobenzene		113 %	70-130	10/12/23	10/13/23	
Surrogate: 1,2-Dichloroethane-d4		94.0 %	70-130	10/12/23	10/13/23	
Surrogate: Toluene-d8		110 %	70-130	10/12/23	10/13/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2341087
Diesel Range Organics (C10-C28)	ND	25.0	1	10/12/23	10/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/12/23	10/14/23	
Surrogate: n-Nonane		89.3 %	50-200	10/12/23	10/14/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2341107
Chloride	ND	20.0	1	10/13/23	10/14/23	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Jones Federal Battery	<b>Reported:</b> 10/18/2023 10:53:03AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

SW8 - 0-6"  
E310079-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2341069	
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.1 %	70-130		10/12/23	10/13/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2341069	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.6 %	70-130		10/12/23	10/13/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2341102	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/23	10/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/14/23	
<i>Surrogate: n-Nonane</i>						
	94.7 %	50-200		10/13/23	10/14/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2341099	
Chloride	ND	20.0	1	10/13/23	10/13/23	



## Sample Data

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

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

**Reported:**  
10/18/2023 10:53:03AM

SW9 - 0-6"

E310079-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341069
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.7 %	70-130		10/12/23	10/13/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341069
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.4 %	70-130		10/12/23	10/13/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2341102
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/23	10/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/14/23	
<i>Surrogate: n-Nonane</i>						
	94.6 %	50-200		10/13/23	10/14/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2341099
Chloride	ND	20.0	1	10/13/23	10/13/23	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Jones Federal Battery	<b>Reported:</b> 10/18/2023 10:53:03AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

SW10 - 0-6"  
E310079-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341069
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.4 %	70-130		10/12/23	10/13/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2341069
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.6 %	70-130		10/12/23	10/13/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2341102
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/23	10/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/14/23	
<i>Surrogate: n-Nonane</i>						
	94.3 %	50-200		10/13/23	10/14/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2341099
Chloride	ND	20.0	1	10/13/23	10/13/23	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Jones Federal Battery	<b>Reported:</b> 10/18/2023 10:53:03AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

SW11 - 0-6"  
E310079-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2341069	
Benzene	ND	0.0250	1	10/12/23	10/13/23	
Ethylbenzene	ND	0.0250	1	10/12/23	10/13/23	
Toluene	ND	0.0250	1	10/12/23	10/13/23	
o-Xylene	ND	0.0250	1	10/12/23	10/13/23	
p,m-Xylene	ND	0.0500	1	10/12/23	10/13/23	
Total Xylenes	ND	0.0250	1	10/12/23	10/13/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.0 %	70-130		10/12/23	10/13/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2341069	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/12/23	10/13/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.7 %	70-130		10/12/23	10/13/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2341102	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/23	10/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/23	10/14/23	
<i>Surrogate: n-Nonane</i>						
	96.6 %	50-200		10/13/23	10/14/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2341099	
Chloride	ND	20.0	1	10/13/23	10/13/23	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Jones Federal Battery	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 10:53:03AM

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 (2341080-BLK1) Prepared: 10/12/23 Analyzed: 10/12/23

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	0.574		0.500		115	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.459		0.500		91.7	70-130			
Surrogate: Toluene-d8	0.542		0.500		108	70-130			

LCS (2341080-BS1) Prepared: 10/12/23 Analyzed: 10/12/23

Benzene	2.44	0.0250	2.50		97.4	70-130			
Ethylbenzene	2.48	0.0250	2.50		99.2	70-130			
Toluene	2.45	0.0250	2.50		97.8	70-130			
o-Xylene	2.47	0.0250	2.50		98.9	70-130			
p,m-Xylene	4.99	0.0500	5.00		99.8	70-130			
Total Xylenes	7.46	0.0250	7.50		99.5	70-130			
Surrogate: Bromofluorobenzene	0.594		0.500		119	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.479		0.500		95.7	70-130			
Surrogate: Toluene-d8	0.544		0.500		109	70-130			

Matrix Spike (2341080-MS1) Source: E310079-01 Prepared: 10/12/23 Analyzed: 10/12/23

Benzene	2.47	0.0250	2.50	ND	98.7	48-131			
Ethylbenzene	2.50	0.0250	2.50	ND	100	45-135			
Toluene	2.49	0.0250	2.50	0.0265	98.6	48-130			
o-Xylene	2.46	0.0250	2.50	ND	98.4	43-135			
p,m-Xylene	4.97	0.0500	5.00	ND	99.4	43-135			
Total Xylenes	7.43	0.0250	7.50	ND	99.1	43-135			
Surrogate: Bromofluorobenzene	0.587		0.500		117	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.469		0.500		93.7	70-130			
Surrogate: Toluene-d8	0.544		0.500		109	70-130			

Matrix Spike Dup (2341080-MSD1) Source: E310079-01 Prepared: 10/12/23 Analyzed: 10/12/23

Benzene	2.52	0.0250	2.50	ND	101	48-131	2.06	23	
Ethylbenzene	2.58	0.0250	2.50	ND	103	45-135	2.99	27	
Toluene	2.56	0.0250	2.50	0.0265	101	48-130	2.63	24	
o-Xylene	2.53	0.0250	2.50	ND	101	43-135	2.98	27	
p,m-Xylene	5.08	0.0500	5.00	ND	102	43-135	2.19	27	
Total Xylenes	7.62	0.0250	7.50	ND	102	43-135	2.45	27	
Surrogate: Bromofluorobenzene	0.576		0.500		115	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.477		0.500		95.4	70-130			
Surrogate: Toluene-d8	0.543		0.500		109	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Jones Federal Battery	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 10:53:03AM

Volatile Organics by EPA 8021B

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 (2341069-BLK1) Prepared: 10/12/23 Analyzed: 10/13/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.70		8.00		96.2	70-130			

LCS (2341069-BS1) Prepared: 10/12/23 Analyzed: 10/13/23

Benzene	4.66	0.0250	5.00		93.2	70-130			
Ethylbenzene	4.59	0.0250	5.00		91.8	70-130			
Toluene	4.65	0.0250	5.00		93.0	70-130			
o-Xylene	4.64	0.0250	5.00		92.8	70-130			
p,m-Xylene	9.37	0.0500	10.0		93.7	70-130			
Total Xylenes	14.0	0.0250	15.0		93.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.83		8.00		97.8	70-130			

Matrix Spike (2341069-MS1) Source: E310075-02 Prepared: 10/12/23 Analyzed: 10/13/23

Benzene	9.71	0.0500	10.0	ND	97.1	54-133			
Ethylbenzene	15.6	0.0500	10.0	6.20	94.1	61-133			
Toluene	13.6	0.0500	10.0	3.49	101	61-130			
o-Xylene	18.6	0.0500	10.0	9.10	94.7	63-131			
p,m-Xylene	35.4	0.100	20.0	16.6	94.0	63-131			
Total Xylenes	53.9	0.0500	30.0	25.7	94.2	63-131			
Surrogate: 4-Bromochlorobenzene-PID	16.2		16.0		101	70-130			

Matrix Spike Dup (2341069-MSD1) Source: E310075-02 Prepared: 10/12/23 Analyzed: 10/13/23

Benzene	10.9	0.0500	10.0	ND	109	54-133	11.6	20	
Ethylbenzene	17.1	0.0500	10.0	6.20	109	61-133	8.89	20	
Toluene	14.8	0.0500	10.0	3.49	113	61-130	8.52	20	
o-Xylene	20.1	0.0500	10.0	9.10	110	63-131	7.77	20	
p,m-Xylene	38.2	0.100	20.0	16.6	108	63-131	7.66	20	
Total Xylenes	58.3	0.0500	30.0	25.7	109	63-131	7.70	20	
Surrogate: 4-Bromochlorobenzene-PID	16.1		16.0		101	70-130			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Jones Federal Battery	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 10:53:03AM

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 (2341069-BLK1) Prepared: 10/12/23 Analyzed: 10/13/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.28		8.00		91.1	70-130			

LCS (2341069-BS2) Prepared: 10/12/23 Analyzed: 10/13/23

Gasoline Range Organics (C6-C10)	39.6	20.0	50.0		79.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.26		8.00		90.7	70-130			

Matrix Spike (2341069-MS2) Source: E310075-02 Prepared: 10/12/23 Analyzed: 10/13/23

Gasoline Range Organics (C6-C10)	441	40.0	100	323	118	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	15.9		16.0		99.3	70-130			

Matrix Spike Dup (2341069-MSD2) Source: E310075-02 Prepared: 10/12/23 Analyzed: 10/13/23

Gasoline Range Organics (C6-C10)	455	40.0	100	323	132	70-130	3.16	20	M4
Surrogate: 1-Chloro-4-fluorobenzene-FID	15.6		16.0		97.7	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Jones Federal Battery	Reported:  10/18/2023 10:53:03AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

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 (2341080-BLK1) Prepared: 10/12/23 Analyzed: 10/12/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.574		0.500		115	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.459		0.500		91.7	70-130			
Surrogate: Toluene-d8	0.542		0.500		108	70-130			

LCS (2341080-BS2) Prepared: 10/12/23 Analyzed: 10/12/23

Gasoline Range Organics (C6-C10)	45.8	20.0	50.0		91.6	70-130			
Surrogate: Bromofluorobenzene	0.581		0.500		116	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.457		0.500		91.3	70-130			
Surrogate: Toluene-d8	0.545		0.500		109	70-130			

Matrix Spike (2341080-MS2) Source: E310079-01 Prepared: 10/12/23 Analyzed: 10/12/23

Gasoline Range Organics (C6-C10)	46.5	20.0	50.0	ND	93.1	70-130			
Surrogate: Bromofluorobenzene	0.580		0.500		116	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.468		0.500		93.6	70-130			
Surrogate: Toluene-d8	0.549		0.500		110	70-130			

Matrix Spike Dup (2341080-MSD2) Source: E310079-01 Prepared: 10/12/23 Analyzed: 10/12/23

Gasoline Range Organics (C6-C10)	45.4	20.0	50.0	ND	90.9	70-130	2.43	20	
Surrogate: Bromofluorobenzene	0.588		0.500		118	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.478		0.500		95.5	70-130			
Surrogate: Toluene-d8	0.551		0.500		110	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Jones Federal Battery	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 10:53:03AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

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

Blank (2341087-BLK1)					Prepared: 10/12/23 Analyzed: 10/13/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	43.3		50.0		86.6	50-200			

LCS (2341087-BS1)					Prepared: 10/12/23 Analyzed: 10/13/23				
Diesel Range Organics (C10-C28)	230	25.0	250		92.1	38-132			
Surrogate: n-Nonane	43.8		50.0		87.7	50-200			

Matrix Spike (2341087-MS1)					Source: E310079-06		Prepared: 10/12/23 Analyzed: 10/13/23		
Diesel Range Organics (C10-C28)	258	25.0	250	47.1	84.3	38-132			
Surrogate: n-Nonane	43.2		50.0		86.4	50-200			

Matrix Spike Dup (2341087-MSD1)					Source: E310079-06		Prepared: 10/12/23 Analyzed: 10/13/23		
Diesel Range Organics (C10-C28)	274	25.0	250	47.1	90.7	38-132	6.01	20	
Surrogate: n-Nonane	40.5		50.0		81.1	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Jones Federal Battery	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 10:53:03AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

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

Blank (2341102-BLK1) Prepared: 10/13/23 Analyzed: 10/14/23

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	46.9		50.0		93.8	50-200			

LCS (2341102-BS1) Prepared: 10/13/23 Analyzed: 10/14/23

Diesel Range Organics (C10-C28)	242	25.0	250		96.9	38-132			
Surrogate: n-Nonane	47.2		50.0		94.4	50-200			

Matrix Spike (2341102-MS1) Source: E310088-02 Prepared: 10/13/23 Analyzed: 10/14/23

Diesel Range Organics (C10-C28)	242	25.0	250	ND	96.9	38-132			
Surrogate: n-Nonane	47.7		50.0		95.3	50-200			

Matrix Spike Dup (2341102-MSD1) Source: E310088-02 Prepared: 10/13/23 Analyzed: 10/14/23

Diesel Range Organics (C10-C28)	244	25.0	250	ND	97.4	38-132	0.506	20	
Surrogate: n-Nonane	48.5		50.0		97.1	50-200			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Jones Federal Battery	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 10:53:03AM

Anions by EPA 300.0/9056A

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 (2341099-BLK1)					Prepared: 10/13/23 Analyzed: 10/13/23				
Chloride	ND	20.0							
LCS (2341099-BS1)					Prepared: 10/13/23 Analyzed: 10/13/23				
Chloride	246	20.0	250		98.3	90-110			
Matrix Spike (2341099-MS1)					Source: E310079-21		Prepared: 10/13/23 Analyzed: 10/13/23		
Chloride	251	20.0	250	ND	100	80-120			
Matrix Spike Dup (2341099-MSD1)					Source: E310079-21		Prepared: 10/13/23 Analyzed: 10/13/23		
Chloride	253	20.0	250	ND	101	80-120	0.882	20	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Jones Federal Battery	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/2023 10:53:03AM

Anions by EPA 300.0/9056A

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 (2341107-BLK1)					Prepared: 10/13/23 Analyzed: 10/13/23				
Chloride	ND	20.0							
LCS (2341107-BS1)					Prepared: 10/13/23 Analyzed: 10/13/23				
Chloride	250	20.0	250		99.9	90-110			
Matrix Spike (2341107-MS1)					Source: E310079-01		Prepared: 10/13/23 Analyzed: 10/13/23		
Chloride	251	20.0	250	ND	100	80-120			
Matrix Spike Dup (2341107-MSD1)					Source: E310079-01		Prepared: 10/13/23 Analyzed: 10/13/23		
Chloride	250	20.0	250	ND	99.9	80-120	0.455	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:	Jones Federal Battery	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/18/23 10:53

- 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.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

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

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



## Project Information

## Chain of Custody

Page 3 of 5

E310679 / 01058.0007

<b>Client: Pima Environmental Services</b> <b>Project: Jones Federal Better</b> <b>Project Manager: Tom Bynum</b> <b>Address: 5614 N. Lovington Hwy.</b> <b>City, State, Zip: Hobbs, NM, 88240</b> <b>Phone: 580-748-1613</b> <b>Email: tom@pimaoil.com</b> <b>Report due by:</b>					<b>Bill To</b> <b>Attention: Devon</b> <b>Address:</b> <b>City, State, Zip:</b> <b>Phone:</b> <b>Email:</b> <b>Pima Project # 346</b>					<b>TAT</b> <b>1D 2D 3D Standard</b> <b>Analysis and Method</b> <b>DRO/DRO by 8015</b> <b>GRO/DRO by 8015</b> <b>BTEX by 8021</b> <b>VOC by 8250</b> <b>Metals 6010</b> <b>Chloride 300.0</b> <b>BDOC NM</b> <b>BDOC TX</b>					<b>EPA Program</b> <b>CWA SDWA</b> <b>RCRA</b> <b>State</b> <b>NM CO UT AZ TX</b> <b>Remarks</b>					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID																
9:17	10/10	S	1	57-2'	1															
9:22				58-0-6"	2															
9:27				58-1'	3															
9:31				58-2'	4															
9:33				59-0-6"	5															
9:37				59-1'	6															
9:42				59-2'	7															
9:44				810-0-6"	8															
9:47				510-1'	9															
9:49				510-2'	10															

## Additional Instructions:

Billing # 20207371

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)	Date	Time	Received by: (Signature)	Date	Time	<b>Lab Use Only</b> <b>Received on ice: 0 / N</b> <b>AVG Temp °C 4</b>
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
Andrew M. G. S.	10/11/23	1:20	Michael C. G.	10/11/23	1:20	
Michael C. G.	10/11/23	1:00	Andrew M. G. S.	10/11/23	1:30	
Andrew M. G. S.	10/11/23	2:30	Andrew M. G. S.	10/12/23	8:25	

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**



## Project Information

## Chain of Custody

Page 4 of 5

E310079 / 01058.0007

Client: Pima Environmental Services  
 Project: SONES Federal Battery  
 Project Manager: Tom Eynum  
 Address: 5614 N. Lovington Hwy.  
 City, State, Zip: Hobbs, NM, 88240  
 Phone: 580-748-1613  
 Email: tom@pimaoil.com  
 Report due by:

Bill To  
 Attention: Devon  
 Address:  
 City, State, Zip  
 Phone:  
 Email:  
 Pima Project # 346

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		DRO/DRO	GRO/DRO	BTEX by	VOC by 8	Metals &	Chloride			BGDOC	BGDOC		Remarks
9:52	10/10	S	1	SH-0-6"	11												
9:55				SH-1"	12												
9:54				SH-2"	13												
10:03				SW1-0-6"	14												
10:07				SW2-0-6"	15												
10:12				SW3-0-6"	16												
10:15				SW4-0-6"	17												
10:19				SW5-0-6"	18												
10:23				SW6-0-6"	19												
10:27				SW7-0-6"	20												

## Additional Instructions:

Billing # 21207371

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:

Relinquished by: (Signature) <u>Michelle Gung</u>	Date <u>10/11/23</u>	Time <u>1:20</u>	Received by: (Signature) <u>Michelle Gung</u>	Date <u>10/11/23</u>	Time <u>1:20</u>
Relinquished by: (Signature) <u>Michelle Gung</u>	Date <u>10-11-23</u>	Time <u>1700</u>	Received by: (Signature) <u>Andrew Russo</u>	Date <u>10-11-23</u>	Time <u>1730</u>
Relinquished by: (Signature) <u>Andrew Russo</u>	Date <u>10-11-23</u>	Time <u>2330</u>	Received by: (Signature) <u>Carth Man</u>	Date <u>10-12-23</u>	Time <u>8:25</u>

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.

Received on ice: <u>0/0</u>
Lab Use Only
AVE Temp °C <u>4</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 5 of 5

E310079 / 01058-0007

<b>Client: Pima Environmental Services</b> <b>Project:</b> <u>Southern Federal Battery</u> <b>Project Manager:</b> <u>Tom Bynum</u> <b>Address:</b> <u>5614 N. Lovington Hwy.</u> <b>City, State, Zip:</b> <u>Hobbs, NM, 88240</u> <b>Phone:</b> <u>580-748-1613</u> <b>Email:</b> <u>tom@pimaoil.com</u> <b>Report due by:</b>					<b>Bill To</b> <b>Attention:</b> <u>[Signature]</u> <b>Address:</b> <b>City, State, Zip:</b> <b>Phone:</b> <b>Email:</b> <b>Pima Project #</b> <u>346</u>					<b>Lab Use Only</b> <b>Lab Work:</b> <b>Analysis and Method:</b> DRO/ORO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM BGDOC TX					<b>TAT</b> 1D 2D 3D Standard			<b>EPA Program</b> CWA SDWA RCRA																					
<b>Time Sampled</b> 10:33 10:37 10:42 10:48					<b>Date Sampled</b> 10/10 10/10 10/10 10/10					<b>Matrix</b> S S S S					<b>No. of Containers</b> 1 1 1 1					<b>Sample ID</b> SW8-10-6" SW9-10-6" SW10-10-6" SW11-10-6"					<b>Lab</b> Mirrored					<b>State</b> NM CO UT AZ TX					<b>Remarks</b>				

## Additional Instructions:

Billing # 21207321

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling 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>[Signature]</u>		Date <u>10/11/23</u>		Time <u>1:20</u>		Received by: (Signature) <u>[Signature]</u>		Date <u>10-11-23</u>		Time <u>1320</u>		<b>Lab Use Only</b> Received on ice: <u>Y/N</u>	
Relinquished by: (Signature) <u>[Signature]</u>		Date <u>10-11-23</u>		Time <u>1700</u>		Received by: (Signature) <u>[Signature]</u>		Date <u>10-11-23</u>		Time <u>1730</u>		T1 T2 T3	
Relinquished by: (Signature) <u>[Signature]</u>		Date <u>10-11-23</u>		Time <u>2330</u>		Received by: (Signature) <u>[Signature]</u>		Date <u>10-12-23</u>		Time <u>8:25</u>		AVG Temp °C <u>4</u>	

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

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

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



## Envirotech Analytical Laboratory

Printed: 10/12/2023 12:49:41PM

## 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:	10/12/23 08:25	Work Order ID:	E310079
Phone:	(575) 631-6977	Date Logged In:	10/11/23 16:20	Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	10/18/23 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.



Report to:  
Tom Bynum



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Jones Federal B3 Battery

Work Order: E311119

Job Number: 01058-0007

Received: 11/15/2023

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
11/16/23

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: 11/16/23

Tom Bynum  
PO Box 247  
Plains, TX 79355-0247



Project Name: Jones Federal B3 Battery  
Workorder: E311119  
Date Received: 11/15/2023 8:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/15/2023 8:30:00AM, under the Project Name: Jones Federal B3 Battery.

The analytical test results summarized in this report with the Project Name: Jones Federal B3 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  
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**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**  
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Office: 505-421-LABS(5227)  
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Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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## Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Jones Federal B3 Battery	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/16/23 16:47

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS1-1' Bottom	E311119-01A	Soil	11/13/23	11/15/23	Glass Jar, 2 oz.
CS2-1' Bottom	E311119-02A	Soil	11/13/23	11/15/23	Glass Jar, 2 oz.
CS3-1' Bottom	E311119-03A	Soil	11/13/23	11/15/23	Glass Jar, 2 oz.
CS4-1' Bottom	E311119-04A	Soil	11/13/23	11/15/23	Glass Jar, 2 oz.
CS5-1' Bottom	E311119-05A	Soil	11/13/23	11/15/23	Glass Jar, 2 oz.
CS6-1' Bottom	E311119-06A	Soil	11/13/23	11/15/23	Glass Jar, 2 oz.
CS7-1' Bottom	E311119-07A	Soil	11/13/23	11/15/23	Glass Jar, 2 oz.
CS8-1' Bottom	E311119-08A	Soil	11/13/23	11/15/23	Glass Jar, 2 oz.
CS9-1' Bottom	E311119-09A	Soil	11/13/23	11/15/23	Glass Jar, 2 oz.
CS10-1' Bottom	E311119-10A	Soil	11/13/23	11/15/23	Glass Jar, 2 oz.
CS11-1' Bottom	E311119-11A	Soil	11/13/23	11/15/23	Glass Jar, 2 oz.
CS12-1' Bottom	E311119-12A	Soil	11/13/23	11/15/23	Glass Jar, 2 oz.
CS13-1' Bottom	E311119-13A	Soil	11/13/23	11/15/23	Glass Jar, 2 oz.
CS14-1' Bottom	E311119-14A	Soil	11/13/23	11/15/23	Glass Jar, 2 oz.
CS15-1' Bottom	E311119-15A	Soil	11/13/23	11/15/23	Glass Jar, 2 oz.
CSW1-COMP.	E311119-16A	Soil	11/13/23	11/15/23	Glass Jar, 2 oz.
CSW2-COMP.	E311119-17A	Soil	11/13/23	11/15/23	Glass Jar, 2 oz.
CSW3-COMP.	E311119-18A	Soil	11/13/23	11/15/23	Glass Jar, 2 oz.
CSW4-COMP.	E311119-19A	Soil	11/13/23	11/15/23	Glass Jar, 2 oz.
CSW5-COMP.	E311119-20A	Soil	11/13/23	11/15/23	Glass Jar, 2 oz.
CSW6-COMP.	E311119-21A	Soil	11/13/23	11/15/23	Glass Jar, 2 oz.
CSW7-COMP.	E311119-22A	Soil	11/13/23	11/15/23	Glass Jar, 2 oz.
CSW8-COMP.	E311119-23A	Soil	11/13/23	11/15/23	Glass Jar, 2 oz.
CSW9-COMP.	E311119-24A	Soil	11/13/23	11/15/23	Glass Jar, 2 oz.
CSW10-COMP.	E311119-25A	Soil	11/13/23	11/15/23	Glass Jar, 2 oz.
CSW11-COMP.	E311119-26A	Soil	11/13/23	11/15/23	Glass Jar, 2 oz.
CSW12-COMP.	E311119-27A	Soil	11/13/23	11/15/23	Glass Jar, 2 oz.
CSW13- COMP.	E311119-28A	Soil	11/13/23	11/15/23	Glass Jar, 2 oz.
CSW14-COMP.	E311119-29A	Soil	11/13/23	11/15/23	Glass Jar, 2 oz.
CSW15-COMP.	E311119-30A	Soil	11/13/23	11/15/23	Glass Jar, 2 oz.
CSW16-COMP.	E311119-31A	Soil	11/13/23	11/15/23	Glass Jar, 2 oz.
CSW17-COMP.	E311119-32A	Soil	11/13/23	11/15/23	Glass Jar, 2 oz.
CSW18-COMP.	E311119-33A	Soil	11/13/23	11/15/23	Glass Jar, 2 oz.
CSW19-COMP.	E311119-34A	Soil	11/13/23	11/15/23	Glass Jar, 2 oz.
CSW20-COMP.	E311119-35A	Soil	11/13/23	11/15/23	Glass Jar, 2 oz.





## Sample Data

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

Project Name: Jones Federal B3 Battery  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
11/16/2023 4:47:02PM

## CS1-1' Bottom

E311119-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>		mg/kg	mg/kg	Analyst: RKS	Batch: 2346039	
Benzene	ND	0.0250	1	11/15/23	11/15/23	
Ethylbenzene	ND	0.0250	1	11/15/23	11/15/23	
Toluene	ND	0.0250	1	11/15/23	11/15/23	
o-Xylene	ND	0.0250	1	11/15/23	11/15/23	
p,m-Xylene	ND	0.0500	1	11/15/23	11/15/23	
Total Xylenes	ND	0.0250	1	11/15/23	11/15/23	
Surrogate: Bromofluorobenzene	109 %	70-130		11/15/23	11/15/23	
Surrogate: 1,2-Dichloroethane-d4	94.1 %	70-130		11/15/23	11/15/23	
Surrogate: Toluene-d8	98.0 %	70-130		11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: RKS	Batch: 2346039	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/15/23	11/15/23	
Surrogate: Bromofluorobenzene	109 %	70-130		11/15/23	11/15/23	
Surrogate: 1,2-Dichloroethane-d4	94.1 %	70-130		11/15/23	11/15/23	
Surrogate: Toluene-d8	98.0 %	70-130		11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: KM	Batch: 2346050	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/23	11/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/23	11/15/23	
Surrogate: n-Nonane	103 %	50-200		11/15/23	11/15/23	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg	Analyst: BA	Batch: 2346054	
Chloride	24.5	20.0	1	11/15/23	11/15/23	



## Sample Data

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

Project Name: Jones Federal B3 Battery  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
11/16/2023 4:47:02PM

## CS2-1' Bottom

E311119-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2346039
Benzene	ND	0.0250	1	11/15/23	11/15/23	
Ethylbenzene	ND	0.0250	1	11/15/23	11/15/23	
Toluene	ND	0.0250	1	11/15/23	11/15/23	
o-Xylene	ND	0.0250	1	11/15/23	11/15/23	
p,m-Xylene	ND	0.0500	1	11/15/23	11/15/23	
Total Xylenes	ND	0.0250	1	11/15/23	11/15/23	
Surrogate: Bromofluorobenzene		111 %	70-130	11/15/23	11/15/23	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130	11/15/23	11/15/23	
Surrogate: Toluene-d8		98.2 %	70-130	11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2346039
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/15/23	11/15/23	
Surrogate: Bromofluorobenzene		111 %	70-130	11/15/23	11/15/23	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130	11/15/23	11/15/23	
Surrogate: Toluene-d8		98.2 %	70-130	11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2346050
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/23	11/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/23	11/15/23	
Surrogate: n-Nonane		106 %	50-200	11/15/23	11/15/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2346054
Chloride	26.7	20.0	1	11/15/23	11/15/23	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Jones Federal B3 Battery	Reported: 11/16/2023 4:47:02PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CS3-1' Bottom  
E311119-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2346039
Benzene	ND	0.0250	1	11/15/23	11/15/23	
Ethylbenzene	ND	0.0250	1	11/15/23	11/15/23	
Toluene	ND	0.0250	1	11/15/23	11/15/23	
o-Xylene	ND	0.0250	1	11/15/23	11/15/23	
p,m-Xylene	ND	0.0500	1	11/15/23	11/15/23	
Total Xylenes	ND	0.0250	1	11/15/23	11/15/23	
Surrogate: Bromofluorobenzene		109 %	70-130	11/15/23	11/15/23	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130	11/15/23	11/15/23	
Surrogate: Toluene-d8		98.6 %	70-130	11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2346039
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/15/23	11/15/23	
Surrogate: Bromofluorobenzene		109 %	70-130	11/15/23	11/15/23	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130	11/15/23	11/15/23	
Surrogate: Toluene-d8		98.6 %	70-130	11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2346050
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/23	11/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/23	11/15/23	
Surrogate: n-Nonane		105 %	50-200	11/15/23	11/15/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2346054
Chloride	22.0	20.0	1	11/15/23	11/15/23	



## Sample Data

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

Project Name: Jones Federal B3 Battery  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
11/16/2023 4:47:02PM

## CS4-1' Bottom

E311119-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2346039
Benzene	ND	0.0250	1	11/15/23	11/15/23	
Ethylbenzene	ND	0.0250	1	11/15/23	11/15/23	
Toluene	ND	0.0250	1	11/15/23	11/15/23	
o-Xylene	ND	0.0250	1	11/15/23	11/15/23	
p,m-Xylene	ND	0.0500	1	11/15/23	11/15/23	
Total Xylenes	ND	0.0250	1	11/15/23	11/15/23	
Surrogate: Bromofluorobenzene		108 %	70-130	11/15/23	11/15/23	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130	11/15/23	11/15/23	
Surrogate: Toluene-d8		99.0 %	70-130	11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2346039
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/15/23	11/15/23	
Surrogate: Bromofluorobenzene		108 %	70-130	11/15/23	11/15/23	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130	11/15/23	11/15/23	
Surrogate: Toluene-d8		99.0 %	70-130	11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2346050
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/23	11/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/23	11/15/23	
Surrogate: n-Nonane		104 %	50-200	11/15/23	11/15/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2346054
Chloride	33.2	20.0	1	11/15/23	11/15/23	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Jones Federal B3 Battery	<b>Reported:</b> 11/16/2023 4:47:02PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CS5-1' Bottom  
E311119-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2346039
Benzene	ND	0.0250	1	11/15/23	11/15/23	
Ethylbenzene	ND	0.0250	1	11/15/23	11/15/23	
Toluene	ND	0.0250	1	11/15/23	11/15/23	
o-Xylene	ND	0.0250	1	11/15/23	11/15/23	
p,m-Xylene	ND	0.0500	1	11/15/23	11/15/23	
Total Xylenes	ND	0.0250	1	11/15/23	11/15/23	
Surrogate: Bromofluorobenzene		110 %	70-130	11/15/23	11/15/23	
Surrogate: 1,2-Dichloroethane-d4		96.0 %	70-130	11/15/23	11/15/23	
Surrogate: Toluene-d8		99.6 %	70-130	11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2346039
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/15/23	11/15/23	
Surrogate: Bromofluorobenzene		110 %	70-130	11/15/23	11/15/23	
Surrogate: 1,2-Dichloroethane-d4		96.0 %	70-130	11/15/23	11/15/23	
Surrogate: Toluene-d8		99.6 %	70-130	11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2346050
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/23	11/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/23	11/15/23	
Surrogate: n-Nonane		106 %	50-200	11/15/23	11/15/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2346054
Chloride	ND	20.0	1	11/15/23	11/15/23	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Jones Federal B3 Battery	Reported: 11/16/2023 4:47:02PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CS6-1' Bottom  
E311119-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2346039
Benzene	ND	0.0250	1	11/15/23	11/15/23	
Ethylbenzene	ND	0.0250	1	11/15/23	11/15/23	
Toluene	ND	0.0250	1	11/15/23	11/15/23	
o-Xylene	ND	0.0250	1	11/15/23	11/15/23	
p,m-Xylene	ND	0.0500	1	11/15/23	11/15/23	
Total Xylenes	ND	0.0250	1	11/15/23	11/15/23	
Surrogate: Bromofluorobenzene		110 %	70-130	11/15/23	11/15/23	
Surrogate: 1,2-Dichloroethane-d4		95.4 %	70-130	11/15/23	11/15/23	
Surrogate: Toluene-d8		99.5 %	70-130	11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2346039
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/15/23	11/15/23	
Surrogate: Bromofluorobenzene		110 %	70-130	11/15/23	11/15/23	
Surrogate: 1,2-Dichloroethane-d4		95.4 %	70-130	11/15/23	11/15/23	
Surrogate: Toluene-d8		99.5 %	70-130	11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2346050
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/23	11/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/23	11/15/23	
Surrogate: n-Nonane		111 %	50-200	11/15/23	11/15/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2346054
Chloride	ND	20.0	1	11/15/23	11/15/23	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Jones Federal B3 Battery	<b>Reported:</b> 11/16/2023 4:47:02PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CS7-1' Bottom  
E311119-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2346039
Benzene	ND	0.0250	1	11/15/23	11/15/23	
Ethylbenzene	ND	0.0250	1	11/15/23	11/15/23	
Toluene	ND	0.0250	1	11/15/23	11/15/23	
o-Xylene	ND	0.0250	1	11/15/23	11/15/23	
p,m-Xylene	ND	0.0500	1	11/15/23	11/15/23	
Total Xylenes	ND	0.0250	1	11/15/23	11/15/23	
Surrogate: Bromofluorobenzene		106 %	70-130	11/15/23	11/15/23	
Surrogate: 1,2-Dichloroethane-d4		97.7 %	70-130	11/15/23	11/15/23	
Surrogate: Toluene-d8		97.8 %	70-130	11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2346039
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/15/23	11/15/23	
Surrogate: Bromofluorobenzene		106 %	70-130	11/15/23	11/15/23	
Surrogate: 1,2-Dichloroethane-d4		97.7 %	70-130	11/15/23	11/15/23	
Surrogate: Toluene-d8		97.8 %	70-130	11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2346050
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/23	11/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/23	11/15/23	
Surrogate: n-Nonane		107 %	50-200	11/15/23	11/15/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2346054
Chloride	28.9	20.0	1	11/15/23	11/15/23	



## Sample Data

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

Project Name: Jones Federal B3 Battery  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
11/16/2023 4:47:02PM

## CS8-1' Bottom

E311119-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2346039
Benzene	ND	0.0250	1	11/15/23	11/15/23	
Ethylbenzene	ND	0.0250	1	11/15/23	11/15/23	
Toluene	ND	0.0250	1	11/15/23	11/15/23	
o-Xylene	ND	0.0250	1	11/15/23	11/15/23	
p,m-Xylene	ND	0.0500	1	11/15/23	11/15/23	
Total Xylenes	ND	0.0250	1	11/15/23	11/15/23	
Surrogate: Bromofluorobenzene		106 %	70-130	11/15/23	11/15/23	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130	11/15/23	11/15/23	
Surrogate: Toluene-d8		97.3 %	70-130	11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2346039
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/15/23	11/15/23	
Surrogate: Bromofluorobenzene		106 %	70-130	11/15/23	11/15/23	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130	11/15/23	11/15/23	
Surrogate: Toluene-d8		97.3 %	70-130	11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2346050
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/23	11/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/23	11/15/23	
Surrogate: n-Nonane		102 %	50-200	11/15/23	11/15/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2346054
Chloride	23.5	20.0	1	11/15/23	11/15/23	





## Sample Data

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

Project Name: Jones Federal B3 Battery  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
11/16/2023 4:47:02PM

## CS9-1' Bottom

E311119-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2346039
Benzene	ND	0.0250	1	11/15/23	11/15/23	
Ethylbenzene	ND	0.0250	1	11/15/23	11/15/23	
Toluene	ND	0.0250	1	11/15/23	11/15/23	
o-Xylene	ND	0.0250	1	11/15/23	11/15/23	
p,m-Xylene	ND	0.0500	1	11/15/23	11/15/23	
Total Xylenes	ND	0.0250	1	11/15/23	11/15/23	
Surrogate: Bromofluorobenzene		110 %	70-130	11/15/23	11/15/23	
Surrogate: 1,2-Dichloroethane-d4		93.8 %	70-130	11/15/23	11/15/23	
Surrogate: Toluene-d8		98.0 %	70-130	11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2346039
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/15/23	11/15/23	
Surrogate: Bromofluorobenzene		110 %	70-130	11/15/23	11/15/23	
Surrogate: 1,2-Dichloroethane-d4		93.8 %	70-130	11/15/23	11/15/23	
Surrogate: Toluene-d8		98.0 %	70-130	11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2346050
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/23	11/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/23	11/15/23	
Surrogate: n-Nonane		99.9 %	50-200	11/15/23	11/15/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2346054
Chloride	41.7	20.0	1	11/15/23	11/15/23	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Jones Federal B3 Battery	Reported: 11/16/2023 4:47:02PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CS10-1' Bottom  
E311119-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2346039
Benzene	ND	0.0250	1	11/15/23	11/15/23	
Ethylbenzene	ND	0.0250	1	11/15/23	11/15/23	
Toluene	ND	0.0250	1	11/15/23	11/15/23	
o-Xylene	ND	0.0250	1	11/15/23	11/15/23	
p,m-Xylene	ND	0.0500	1	11/15/23	11/15/23	
Total Xylenes	ND	0.0250	1	11/15/23	11/15/23	
Surrogate: Bromofluorobenzene		107 %	70-130	11/15/23	11/15/23	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130	11/15/23	11/15/23	
Surrogate: Toluene-d8		97.6 %	70-130	11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2346039
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/15/23	11/15/23	
Surrogate: Bromofluorobenzene		107 %	70-130	11/15/23	11/15/23	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130	11/15/23	11/15/23	
Surrogate: Toluene-d8		97.6 %	70-130	11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2346050
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/23	11/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/23	11/15/23	
Surrogate: n-Nonane		87.1 %	50-200	11/15/23	11/15/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2346054
Chloride	29.0	20.0	1	11/15/23	11/15/23	



## Sample Data

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

Project Name: Jones Federal B3 Battery  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
11/16/2023 4:47:02PM

## CS11-1' Bottom

## E311119-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2346039
Benzene	ND	0.0250	1	11/15/23	11/15/23	
Ethylbenzene	ND	0.0250	1	11/15/23	11/15/23	
Toluene	ND	0.0250	1	11/15/23	11/15/23	
o-Xylene	ND	0.0250	1	11/15/23	11/15/23	
p,m-Xylene	ND	0.0500	1	11/15/23	11/15/23	
Total Xylenes	ND	0.0250	1	11/15/23	11/15/23	
Surrogate: Bromofluorobenzene		104 %	70-130	11/15/23	11/15/23	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130	11/15/23	11/15/23	
Surrogate: Toluene-d8		99.4 %	70-130	11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2346039
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/15/23	11/15/23	
Surrogate: Bromofluorobenzene		104 %	70-130	11/15/23	11/15/23	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130	11/15/23	11/15/23	
Surrogate: Toluene-d8		99.4 %	70-130	11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2346050
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/23	11/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/23	11/15/23	
Surrogate: n-Nonane		87.7 %	50-200	11/15/23	11/15/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2346054
Chloride	20.6	20.0	1	11/15/23	11/15/23	



## Sample Data

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

Project Name: Jones Federal B3 Battery  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
11/16/2023 4:47:02PM

## CS12-1' Bottom

## E311119-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2346039
Benzene	ND	0.0250	1	11/15/23	11/15/23	
Ethylbenzene	ND	0.0250	1	11/15/23	11/15/23	
Toluene	ND	0.0250	1	11/15/23	11/15/23	
o-Xylene	ND	0.0250	1	11/15/23	11/15/23	
p,m-Xylene	ND	0.0500	1	11/15/23	11/15/23	
Total Xylenes	ND	0.0250	1	11/15/23	11/15/23	
Surrogate: Bromofluorobenzene		104 %	70-130	11/15/23	11/15/23	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	11/15/23	11/15/23	
Surrogate: Toluene-d8		99.3 %	70-130	11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2346039
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/15/23	11/15/23	
Surrogate: Bromofluorobenzene		104 %	70-130	11/15/23	11/15/23	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	11/15/23	11/15/23	
Surrogate: Toluene-d8		99.3 %	70-130	11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2346050
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/23	11/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/23	11/15/23	
Surrogate: n-Nonane		87.8 %	50-200	11/15/23	11/15/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2346054
Chloride	27.4	20.0	1	11/15/23	11/15/23	





## Sample Data

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

Project Name: Jones Federal B3 Battery  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
11/16/2023 4:47:02PM

## CS13-1' Bottom

## E311119-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2346039
Benzene	ND	0.0250	1	11/15/23	11/15/23	
Ethylbenzene	ND	0.0250	1	11/15/23	11/15/23	
Toluene	ND	0.0250	1	11/15/23	11/15/23	
o-Xylene	ND	0.0250	1	11/15/23	11/15/23	
p,m-Xylene	ND	0.0500	1	11/15/23	11/15/23	
Total Xylenes	ND	0.0250	1	11/15/23	11/15/23	
Surrogate: Bromofluorobenzene		104 %	70-130	11/15/23	11/15/23	
Surrogate: 1,2-Dichloroethane-d4		99.5 %	70-130	11/15/23	11/15/23	
Surrogate: Toluene-d8		98.6 %	70-130	11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2346039
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/15/23	11/15/23	
Surrogate: Bromofluorobenzene		104 %	70-130	11/15/23	11/15/23	
Surrogate: 1,2-Dichloroethane-d4		99.5 %	70-130	11/15/23	11/15/23	
Surrogate: Toluene-d8		98.6 %	70-130	11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2346050
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/23	11/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/23	11/15/23	
Surrogate: n-Nonane		85.5 %	50-200	11/15/23	11/15/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2346054
Chloride	28.1	20.0	1	11/15/23	11/15/23	



## Sample Data

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

Project Name: Jones Federal B3 Battery  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
11/16/2023 4:47:02PM

## CS14-1' Bottom

## E311119-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2346039
Benzene	ND	0.0250	1	11/15/23	11/15/23	
Ethylbenzene	ND	0.0250	1	11/15/23	11/15/23	
Toluene	ND	0.0250	1	11/15/23	11/15/23	
o-Xylene	ND	0.0250	1	11/15/23	11/15/23	
p,m-Xylene	ND	0.0500	1	11/15/23	11/15/23	
Total Xylenes	ND	0.0250	1	11/15/23	11/15/23	
Surrogate: Bromofluorobenzene		103 %	70-130	11/15/23	11/15/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	11/15/23	11/15/23	
Surrogate: Toluene-d8		99.3 %	70-130	11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2346039
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/15/23	11/15/23	
Surrogate: Bromofluorobenzene		103 %	70-130	11/15/23	11/15/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	11/15/23	11/15/23	
Surrogate: Toluene-d8		99.3 %	70-130	11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2346050
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/23	11/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/23	11/15/23	
Surrogate: n-Nonane		89.2 %	50-200	11/15/23	11/15/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2346054
Chloride	40.5	20.0	1	11/15/23	11/15/23	



## Sample Data

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

Project Name: Jones Federal B3 Battery  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
11/16/2023 4:47:02PM

## CS15-1' Bottom

## E311119-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2346039
Benzene	ND	0.0250	1	11/15/23	11/15/23	
Ethylbenzene	ND	0.0250	1	11/15/23	11/15/23	
Toluene	ND	0.0250	1	11/15/23	11/15/23	
o-Xylene	ND	0.0250	1	11/15/23	11/15/23	
p,m-Xylene	ND	0.0500	1	11/15/23	11/15/23	
Total Xylenes	ND	0.0250	1	11/15/23	11/15/23	
Surrogate: Bromofluorobenzene		105 %	70-130	11/15/23	11/15/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	11/15/23	11/15/23	
Surrogate: Toluene-d8		99.8 %	70-130	11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2346039
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/15/23	11/15/23	
Surrogate: Bromofluorobenzene		105 %	70-130	11/15/23	11/15/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	11/15/23	11/15/23	
Surrogate: Toluene-d8		99.8 %	70-130	11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2346050
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/23	11/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/23	11/15/23	
Surrogate: n-Nonane		95.4 %	50-200	11/15/23	11/15/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2346054
Chloride	29.4	20.0	1	11/15/23	11/15/23	



## Sample Data

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

Project Name: Jones Federal B3 Battery  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
11/16/2023 4:47:02PM

## CSW1-COMP.

## E311119-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2346039
Benzene	ND	0.0250	1	11/15/23	11/15/23	
Ethylbenzene	ND	0.0250	1	11/15/23	11/15/23	
Toluene	ND	0.0250	1	11/15/23	11/15/23	
o-Xylene	ND	0.0250	1	11/15/23	11/15/23	
p,m-Xylene	ND	0.0500	1	11/15/23	11/15/23	
Total Xylenes	ND	0.0250	1	11/15/23	11/15/23	
Surrogate: Bromofluorobenzene		103 %	70-130	11/15/23	11/15/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	11/15/23	11/15/23	
Surrogate: Toluene-d8		99.1 %	70-130	11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2346039
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/15/23	11/15/23	
Surrogate: Bromofluorobenzene		103 %	70-130	11/15/23	11/15/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	11/15/23	11/15/23	
Surrogate: Toluene-d8		99.1 %	70-130	11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2346050
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/23	11/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/23	11/15/23	
Surrogate: n-Nonane		90.8 %	50-200	11/15/23	11/15/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2346054
Chloride	25.3	20.0	1	11/15/23	11/15/23	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Jones Federal B3 Battery	Reported: 11/16/2023 4:47:02PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CSW2-COMP.  
E311119-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2346039
Benzene	ND	0.0250	1	11/15/23	11/15/23	
Ethylbenzene	ND	0.0250	1	11/15/23	11/15/23	
Toluene	ND	0.0250	1	11/15/23	11/15/23	
o-Xylene	ND	0.0250	1	11/15/23	11/15/23	
p,m-Xylene	ND	0.0500	1	11/15/23	11/15/23	
Total Xylenes	ND	0.0250	1	11/15/23	11/15/23	
Surrogate: Bromofluorobenzene		104 %	70-130	11/15/23	11/15/23	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	11/15/23	11/15/23	
Surrogate: Toluene-d8		99.4 %	70-130	11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2346039
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/15/23	11/15/23	
Surrogate: Bromofluorobenzene		104 %	70-130	11/15/23	11/15/23	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	11/15/23	11/15/23	
Surrogate: Toluene-d8		99.4 %	70-130	11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2346050
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/23	11/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/23	11/15/23	
Surrogate: n-Nonane		72.1 %	50-200	11/15/23	11/15/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2346054
Chloride	26.8	20.0	1	11/15/23	11/15/23	



## Sample Data

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

Project Name: Jones Federal B3 Battery  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
11/16/2023 4:47:02PM

## CSW3-COMP.

E311119-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2346039
Benzene	ND	0.0250	1	11/15/23	11/15/23	
Ethylbenzene	ND	0.0250	1	11/15/23	11/15/23	
Toluene	ND	0.0250	1	11/15/23	11/15/23	
o-Xylene	ND	0.0250	1	11/15/23	11/15/23	
p,m-Xylene	ND	0.0500	1	11/15/23	11/15/23	
Total Xylenes	ND	0.0250	1	11/15/23	11/15/23	
Surrogate: Bromofluorobenzene		103 %	70-130	11/15/23	11/15/23	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	11/15/23	11/15/23	
Surrogate: Toluene-d8		98.9 %	70-130	11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2346039
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/15/23	11/15/23	
Surrogate: Bromofluorobenzene		103 %	70-130	11/15/23	11/15/23	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	11/15/23	11/15/23	
Surrogate: Toluene-d8		98.9 %	70-130	11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2346050
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/23	11/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/23	11/15/23	
Surrogate: n-Nonane		98.9 %	50-200	11/15/23	11/15/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2346054
Chloride	25.3	20.0	1	11/15/23	11/15/23	



## Sample Data

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

Project Name: Jones Federal B3 Battery  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
11/16/2023 4:47:02PM

## CSW4-COMP.

E311119-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2346039
Benzene	ND	0.0250	1	11/15/23	11/15/23	
Ethylbenzene	ND	0.0250	1	11/15/23	11/15/23	
Toluene	ND	0.0250	1	11/15/23	11/15/23	
o-Xylene	ND	0.0250	1	11/15/23	11/15/23	
p,m-Xylene	ND	0.0500	1	11/15/23	11/15/23	
Total Xylenes	ND	0.0250	1	11/15/23	11/15/23	
Surrogate: Bromofluorobenzene		105 %	70-130	11/15/23	11/15/23	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	11/15/23	11/15/23	
Surrogate: Toluene-d8		100 %	70-130	11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2346039
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/15/23	11/15/23	
Surrogate: Bromofluorobenzene		105 %	70-130	11/15/23	11/15/23	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	11/15/23	11/15/23	
Surrogate: Toluene-d8		100 %	70-130	11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2346050
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/23	11/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/23	11/15/23	
Surrogate: n-Nonane		97.5 %	50-200	11/15/23	11/15/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2346054
Chloride	20.5	20.0	1	11/15/23	11/15/23	



## Sample Data

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

Project Name: Jones Federal B3 Battery  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
11/16/2023 4:47:02PM

## CSW5-COMP.

E311119-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2346039
Benzene	ND	0.0250	1	11/15/23	11/15/23	
Ethylbenzene	ND	0.0250	1	11/15/23	11/15/23	
Toluene	ND	0.0250	1	11/15/23	11/15/23	
o-Xylene	ND	0.0250	1	11/15/23	11/15/23	
p,m-Xylene	ND	0.0500	1	11/15/23	11/15/23	
Total Xylenes	ND	0.0250	1	11/15/23	11/15/23	
Surrogate: Bromofluorobenzene		106 %	70-130	11/15/23	11/15/23	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	11/15/23	11/15/23	
Surrogate: Toluene-d8		99.5 %	70-130	11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2346039
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/15/23	11/15/23	
Surrogate: Bromofluorobenzene		106 %	70-130	11/15/23	11/15/23	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	11/15/23	11/15/23	
Surrogate: Toluene-d8		99.5 %	70-130	11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2346050
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/23	11/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/23	11/15/23	
Surrogate: n-Nonane		98.1 %	50-200	11/15/23	11/15/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2346054
Chloride	24.6	20.0	1	11/15/23	11/15/23	





## Sample Data

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

Project Name: Jones Federal B3 Battery  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
11/16/2023 4:47:02PM

## CSW6-COMP.

E311119-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2346043
Benzene	ND	0.0250	1	11/15/23	11/15/23	
Ethylbenzene	ND	0.0250	1	11/15/23	11/15/23	
Toluene	ND	0.0250	1	11/15/23	11/15/23	
o-Xylene	ND	0.0250	1	11/15/23	11/15/23	
p,m-Xylene	ND	0.0500	1	11/15/23	11/15/23	
Total Xylenes	ND	0.0250	1	11/15/23	11/15/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.7 %	70-130		11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2346043
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/15/23	11/15/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.7 %	70-130		11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2346051
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/23	11/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/23	11/15/23	
<i>Surrogate: n-Nonane</i>						
	100 %	50-200		11/15/23	11/15/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2346055
Chloride	29.6	20.0	1	11/15/23	11/15/23	



## Sample Data

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

Project Name: Jones Federal B3 Battery  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
11/16/2023 4:47:02PM

## CSW7-COMP.

E311119-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2346043
Benzene	ND	0.0250	1	11/15/23	11/15/23	
Ethylbenzene	ND	0.0250	1	11/15/23	11/15/23	
Toluene	ND	0.0250	1	11/15/23	11/15/23	
o-Xylene	ND	0.0250	1	11/15/23	11/15/23	
p,m-Xylene	ND	0.0500	1	11/15/23	11/15/23	
Total Xylenes	ND	0.0250	1	11/15/23	11/15/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.4 %	70-130		11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2346043
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/15/23	11/15/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.2 %	70-130		11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2346051
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/23	11/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/23	11/15/23	
<i>Surrogate: n-Nonane</i>						
	99.4 %	50-200		11/15/23	11/15/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2346055
Chloride	ND	20.0	1	11/15/23	11/15/23	



## Sample Data

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

Project Name: Jones Federal B3 Battery  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
11/16/2023 4:47:02PM

## CSW8-COMP.

E311119-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2346043
Benzene	ND	0.0250	1	11/15/23	11/15/23	
Ethylbenzene	ND	0.0250	1	11/15/23	11/15/23	
Toluene	ND	0.0250	1	11/15/23	11/15/23	
o-Xylene	ND	0.0250	1	11/15/23	11/15/23	
p,m-Xylene	ND	0.0500	1	11/15/23	11/15/23	
Total Xylenes	ND	0.0250	1	11/15/23	11/15/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.2 %	70-130		11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2346043
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/15/23	11/15/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.2 %	70-130		11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2346051
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/23	11/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/23	11/15/23	
<i>Surrogate: n-Nonane</i>						
	102 %	50-200		11/15/23	11/15/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2346055
Chloride	ND	20.0	1	11/15/23	11/15/23	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Jones Federal B3 Battery	<b>Reported:</b> 11/16/2023 4:47:02PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CSW9-COMP.  
E311119-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2346043
Benzene	ND	0.0250	1	11/15/23	11/15/23	
Ethylbenzene	ND	0.0250	1	11/15/23	11/15/23	
Toluene	ND	0.0250	1	11/15/23	11/15/23	
o-Xylene	ND	0.0250	1	11/15/23	11/15/23	
p,m-Xylene	ND	0.0500	1	11/15/23	11/15/23	
Total Xylenes	ND	0.0250	1	11/15/23	11/15/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2346043
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/15/23	11/15/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.3 %	70-130	11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2346051
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/23	11/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/23	11/15/23	
<i>Surrogate: n-Nonane</i>						
		107 %	50-200	11/15/23	11/15/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2346055
Chloride	29.6	20.0	1	11/15/23	11/15/23	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Jones Federal B3 Battery	<b>Reported:</b> 11/16/2023 4:47:02PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CSW10-COMP.  
E311119-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2346043
Benzene	ND	0.0250	1	11/15/23	11/15/23	
Ethylbenzene	ND	0.0250	1	11/15/23	11/15/23	
Toluene	ND	0.0250	1	11/15/23	11/15/23	
o-Xylene	ND	0.0250	1	11/15/23	11/15/23	
p,m-Xylene	ND	0.0500	1	11/15/23	11/15/23	
Total Xylenes	ND	0.0250	1	11/15/23	11/15/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2346043
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/15/23	11/15/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.8 %	70-130	11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2346051
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/23	11/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/23	11/15/23	
<i>Surrogate: n-Nonane</i>						
		104 %	50-200	11/15/23	11/15/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2346055
Chloride	27.1	20.0	1	11/15/23	11/15/23	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Jones Federal B3 Battery	<b>Reported:</b> 11/16/2023 4:47:02PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CSW11-COMP.  
E311119-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2346043
Benzene	ND	0.0250	1	11/15/23	11/15/23	
Ethylbenzene	ND	0.0250	1	11/15/23	11/15/23	
Toluene	ND	0.0250	1	11/15/23	11/15/23	
o-Xylene	ND	0.0250	1	11/15/23	11/15/23	
p,m-Xylene	ND	0.0500	1	11/15/23	11/15/23	
Total Xylenes	ND	0.0250	1	11/15/23	11/15/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2346043
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/15/23	11/15/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.7 %	70-130	11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2346051
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/23	11/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/23	11/15/23	
<i>Surrogate: n-Nonane</i>						
		108 %	50-200	11/15/23	11/15/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2346055
Chloride	23.6	20.0	1	11/15/23	11/15/23	



## Sample Data

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

Project Name: Jones Federal B3 Battery  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
11/16/2023 4:47:02PM

## CSW12-COMP.

## E311119-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2346043
Benzene	ND	0.0250	1	11/15/23	11/15/23	
Ethylbenzene	ND	0.0250	1	11/15/23	11/15/23	
Toluene	ND	0.0250	1	11/15/23	11/15/23	
o-Xylene	ND	0.0250	1	11/15/23	11/15/23	
p,m-Xylene	ND	0.0500	1	11/15/23	11/15/23	
Total Xylenes	ND	0.0250	1	11/15/23	11/15/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.6 %	70-130		11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2346043
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/15/23	11/15/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.9 %	70-130		11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2346051
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/23	11/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/23	11/15/23	
<i>Surrogate: n-Nonane</i>						
	106 %	50-200		11/15/23	11/15/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2346055
Chloride	ND	20.0	1	11/15/23	11/15/23	



## Sample Data

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

Project Name: Jones Federal B3 Battery  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
11/16/2023 4:47:02PM

## CSW13- COMP.

E311119-28

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2346043
Benzene	ND	0.0250	1	11/15/23	11/15/23	
Ethylbenzene	ND	0.0250	1	11/15/23	11/15/23	
Toluene	ND	0.0250	1	11/15/23	11/15/23	
o-Xylene	ND	0.0250	1	11/15/23	11/15/23	
p,m-Xylene	ND	0.0500	1	11/15/23	11/15/23	
Total Xylenes	ND	0.0250	1	11/15/23	11/15/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2346043
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/15/23	11/15/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		89.6 %	70-130	11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2346051
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/23	11/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/23	11/15/23	
<i>Surrogate: n-Nonane</i>						
		116 %	50-200	11/15/23	11/15/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2346055
Chloride	20.9	20.0	1	11/15/23	11/15/23	





## Sample Data

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

Project Name: Jones Federal B3 Battery  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
11/16/2023 4:47:02PM

## CSW14-COMP.

## E311119-29

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2346043
Benzene	ND	0.0250	1	11/15/23	11/15/23	
Ethylbenzene	ND	0.0250	1	11/15/23	11/15/23	
Toluene	ND	0.0250	1	11/15/23	11/15/23	
o-Xylene	ND	0.0250	1	11/15/23	11/15/23	
p,m-Xylene	ND	0.0500	1	11/15/23	11/15/23	
Total Xylenes	ND	0.0250	1	11/15/23	11/15/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.3 %	70-130		11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2346043
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/15/23	11/15/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.3 %	70-130		11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2346051
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/23	11/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/23	11/15/23	
<i>Surrogate: n-Nonane</i>						
	110 %	50-200		11/15/23	11/15/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2346055
Chloride	ND	20.0	1	11/15/23	11/15/23	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Jones Federal B3 Battery	Reported: 11/16/2023 4:47:02PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CSW15-COMP.  
E311119-30

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2346043
Benzene	ND	0.0250	1	11/15/23	11/15/23	
Ethylbenzene	ND	0.0250	1	11/15/23	11/15/23	
Toluene	ND	0.0250	1	11/15/23	11/15/23	
o-Xylene	ND	0.0250	1	11/15/23	11/15/23	
p,m-Xylene	ND	0.0500	1	11/15/23	11/15/23	
Total Xylenes	ND	0.0250	1	11/15/23	11/15/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.7 %	70-130		11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2346043
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/15/23	11/15/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.0 %	70-130		11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2346051
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/23	11/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/23	11/15/23	
<i>Surrogate: n-Nonane</i>						
	92.9 %	50-200		11/15/23	11/15/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2346055
Chloride	32.4	20.0	1	11/15/23	11/15/23	



## Sample Data

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

Project Name: Jones Federal B3 Battery  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
11/16/2023 4:47:02PM

## CSW16-COMP.

## E311119-31

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2346043
Benzene	ND	0.0250	1	11/15/23	11/15/23	
Ethylbenzene	ND	0.0250	1	11/15/23	11/15/23	
Toluene	ND	0.0250	1	11/15/23	11/15/23	
o-Xylene	ND	0.0250	1	11/15/23	11/15/23	
p,m-Xylene	ND	0.0500	1	11/15/23	11/15/23	
Total Xylenes	ND	0.0250	1	11/15/23	11/15/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.6 %	70-130		11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2346043
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/15/23	11/15/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.9 %	70-130		11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2346051
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/23	11/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/23	11/15/23	
<i>Surrogate: n-Nonane</i>						
	89.0 %	50-200		11/15/23	11/15/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2346055
Chloride	26.4	20.0	1	11/15/23	11/15/23	



## Sample Data

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

Project Name: Jones Federal B3 Battery  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
11/16/2023 4:47:02PM

## CSW17-COMP.

## E311119-32

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2346043
Benzene	ND	0.0250	1	11/15/23	11/15/23	
Ethylbenzene	ND	0.0250	1	11/15/23	11/15/23	
Toluene	ND	0.0250	1	11/15/23	11/15/23	
o-Xylene	ND	0.0250	1	11/15/23	11/15/23	
p,m-Xylene	ND	0.0500	1	11/15/23	11/15/23	
Total Xylenes	ND	0.0250	1	11/15/23	11/15/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.4 %	70-130		11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2346043
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/15/23	11/15/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.4 %	70-130		11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2346051
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/23	11/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/23	11/15/23	
<i>Surrogate: n-Nonane</i>						
	92.6 %	50-200		11/15/23	11/15/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2346055
Chloride	32.5	20.0	1	11/15/23	11/15/23	



## Sample Data

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

Project Name: Jones Federal B3 Battery  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
11/16/2023 4:47:02PM

## CSW18-COMP.

## E311119-33

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2346043
Benzene	ND	0.0250	1	11/15/23	11/15/23	
Ethylbenzene	ND	0.0250	1	11/15/23	11/15/23	
Toluene	ND	0.0250	1	11/15/23	11/15/23	
o-Xylene	ND	0.0250	1	11/15/23	11/15/23	
p,m-Xylene	ND	0.0500	1	11/15/23	11/15/23	
Total Xylenes	ND	0.0250	1	11/15/23	11/15/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.7 %	70-130		11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2346043
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/15/23	11/15/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.9 %	70-130		11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2346051
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/23	11/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/23	11/15/23	
<i>Surrogate: n-Nonane</i>						
	95.0 %	50-200		11/15/23	11/15/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2346055
Chloride	27.2	20.0	1	11/15/23	11/15/23	





## Sample Data

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

Project Name: Jones Federal B3 Battery  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
11/16/2023 4:47:02PM

## CSW19-COMP.

## E311119-34

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2346043
Benzene	ND	0.0250	1	11/15/23	11/15/23	
Ethylbenzene	ND	0.0250	1	11/15/23	11/15/23	
Toluene	ND	0.0250	1	11/15/23	11/15/23	
o-Xylene	ND	0.0250	1	11/15/23	11/15/23	
p,m-Xylene	ND	0.0500	1	11/15/23	11/15/23	
Total Xylenes	ND	0.0250	1	11/15/23	11/15/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.4 %	70-130		11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2346043
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/15/23	11/15/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.0 %	70-130		11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2346051
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/23	11/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/23	11/15/23	
<i>Surrogate: n-Nonane</i>						
	90.4 %	50-200		11/15/23	11/15/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2346055
Chloride	20.1	20.0	1	11/15/23	11/15/23	



## Sample Data

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

Project Name: Jones Federal B3 Battery  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
11/16/2023 4:47:02PM

## CSW20-COMP.

## E311119-35

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2346043
Benzene	ND	0.0250	1	11/15/23	11/15/23	
Ethylbenzene	ND	0.0250	1	11/15/23	11/15/23	
Toluene	ND	0.0250	1	11/15/23	11/15/23	
o-Xylene	ND	0.0250	1	11/15/23	11/15/23	
p,m-Xylene	ND	0.0500	1	11/15/23	11/15/23	
Total Xylenes	ND	0.0250	1	11/15/23	11/15/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.8 %	70-130		11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2346043
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/15/23	11/15/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.7 %	70-130		11/15/23	11/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2346051
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/23	11/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/23	11/15/23	
<i>Surrogate: n-Nonane</i>						
	89.4 %	50-200		11/15/23	11/15/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2346055
Chloride	23.4	20.0	1	11/15/23	11/15/23	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Jones Federal B3 Battery	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/16/2023 4:47:02PM

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 (2346039-BLK1) Prepared: 11/15/23 Analyzed: 11/15/23

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	0.544		0.500		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.4	70-130			
Surrogate: Toluene-d8	0.491		0.500		98.2	70-130			

LCS (2346039-BS1) Prepared: 11/15/23 Analyzed: 11/15/23

Benzene	2.35	0.0250	2.50		94.0	70-130			
Ethylbenzene	2.19	0.0250	2.50		87.5	70-130			
Toluene	2.12	0.0250	2.50		84.9	70-130			
o-Xylene	2.28	0.0250	2.50		91.0	70-130			
p,m-Xylene	4.48	0.0500	5.00		89.7	70-130			
Total Xylenes	6.76	0.0250	7.50		90.1	70-130			
Surrogate: Bromofluorobenzene	0.554		0.500		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.486		0.500		97.1	70-130			
Surrogate: Toluene-d8	0.495		0.500		98.9	70-130			

Matrix Spike (2346039-MS1) Source: E311119-01 Prepared: 11/15/23 Analyzed: 11/15/23

Benzene	2.62	0.0250	2.50	ND	105	48-131			
Ethylbenzene	2.43	0.0250	2.50	ND	97.1	45-135			
Toluene	2.37	0.0250	2.50	ND	94.7	48-130			
o-Xylene	2.52	0.0250	2.50	ND	101	43-135			
p,m-Xylene	4.91	0.0500	5.00	ND	98.1	43-135			
Total Xylenes	7.43	0.0250	7.50	ND	99.0	43-135			
Surrogate: Bromofluorobenzene	0.547		0.500		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.469		0.500		93.7	70-130			
Surrogate: Toluene-d8	0.485		0.500		97.0	70-130			

Matrix Spike Dup (2346039-MSD1) Source: E311119-01 Prepared: 11/15/23 Analyzed: 11/15/23

Benzene	2.80	0.0250	2.50	ND	112	48-131	6.48	23	
Ethylbenzene	2.65	0.0250	2.50	ND	106	45-135	8.61	27	
Toluene	2.57	0.0250	2.50	ND	103	48-130	8.28	24	
o-Xylene	2.80	0.0250	2.50	ND	112	43-135	10.6	27	
p,m-Xylene	5.45	0.0500	5.00	ND	109	43-135	10.4	27	
Total Xylenes	8.25	0.0250	7.50	ND	110	43-135	10.5	27	
Surrogate: Bromofluorobenzene	0.560		0.500		112	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500		96.8	70-130			
Surrogate: Toluene-d8	0.496		0.500		99.2	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Jones Federal B3 Battery	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/16/2023 4:47:02PM

Volatile Organics by EPA 8021B

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 (2346043-BLK1) Prepared: 11/15/23 Analyzed: 11/15/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.87		8.00		98.3	70-130			

LCS (2346043-BS1) Prepared: 11/15/23 Analyzed: 11/15/23

Benzene	4.93	0.0250	5.00		98.6	70-130			
Ethylbenzene	4.74	0.0250	5.00		94.8	70-130			
Toluene	4.93	0.0250	5.00		98.7	70-130			
o-Xylene	4.87	0.0250	5.00		97.5	70-130			
p,m-Xylene	9.79	0.0500	10.0		97.9	70-130			
Total Xylenes	14.7	0.0250	15.0		97.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.89		8.00		98.7	70-130			

Matrix Spike (2346043-MS1) Source: E311119-22 Prepared: 11/15/23 Analyzed: 11/15/23

Benzene	4.81	0.0250	5.00	ND	96.1	54-133			
Ethylbenzene	4.63	0.0250	5.00	ND	92.6	61-133			
Toluene	4.81	0.0250	5.00	ND	96.2	61-130			
o-Xylene	4.77	0.0250	5.00	ND	95.4	63-131			
p,m-Xylene	9.57	0.0500	10.0	ND	95.7	63-131			
Total Xylenes	14.3	0.0250	15.0	ND	95.6	63-131			
Surrogate: 4-Bromochlorobenzene-PID	8.08		8.00		101	70-130			

Matrix Spike Dup (2346043-MSD1) Source: E311119-22 Prepared: 11/15/23 Analyzed: 11/15/23

Benzene	5.08	0.0250	5.00	ND	102	54-133	5.48	20	
Ethylbenzene	4.90	0.0250	5.00	ND	97.9	61-133	5.55	20	
Toluene	5.08	0.0250	5.00	ND	102	61-130	5.42	20	
o-Xylene	5.04	0.0250	5.00	ND	101	63-131	5.47	20	
p,m-Xylene	10.1	0.0500	10.0	ND	101	63-131	5.46	20	
Total Xylenes	15.1	0.0250	15.0	ND	101	63-131	5.46	20	
Surrogate: 4-Bromochlorobenzene-PID	8.11		8.00		101	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Jones Federal B3 Battery	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/16/2023 4:47:02PM

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 (2346039-BLK1) Prepared: 11/15/23 Analyzed: 11/15/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.544		0.500		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.4	70-130			
Surrogate: Toluene-d8	0.491		0.500		98.2	70-130			

LCS (2346039-BS2) Prepared: 11/15/23 Analyzed: 11/15/23

Gasoline Range Organics (C6-C10)	50.1	20.0	50.0		100	70-130			
Surrogate: Bromofluorobenzene	0.552		0.500		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.472		0.500		94.4	70-130			
Surrogate: Toluene-d8	0.493		0.500		98.5	70-130			

Matrix Spike (2346039-MS2) Source: E311119-01 Prepared: 11/15/23 Analyzed: 11/15/23

Gasoline Range Organics (C6-C10)	54.8	20.0	50.0	ND	110	70-130			
Surrogate: Bromofluorobenzene	0.565		0.500		113	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.473		0.500		94.6	70-130			
Surrogate: Toluene-d8	0.497		0.500		99.3	70-130			

Matrix Spike Dup (2346039-MSD2) Source: E311119-01 Prepared: 11/15/23 Analyzed: 11/15/23

Gasoline Range Organics (C6-C10)	53.2	20.0	50.0	ND	106	70-130	3.04	20	
Surrogate: Bromofluorobenzene	0.552		0.500		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.474		0.500		94.7	70-130			
Surrogate: Toluene-d8	0.495		0.500		99.0	70-130			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Jones Federal B3 Battery	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/16/2023 4:47:02PM

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 (2346043-BLK1) Prepared: 11/15/23 Analyzed: 11/15/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.26		8.00		90.7	70-130			

LCS (2346043-BS2) Prepared: 11/15/23 Analyzed: 11/15/23

Gasoline Range Organics (C6-C10)	43.2	20.0	50.0		86.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.38		8.00		92.3	70-130			

Matrix Spike (2346043-MS2) Source: E311119-22 Prepared: 11/15/23 Analyzed: 11/15/23

Gasoline Range Organics (C6-C10)	43.1	20.0	50.0	ND	86.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.34		8.00		91.7	70-130			

Matrix Spike Dup (2346043-MSD2) Source: E311119-22 Prepared: 11/15/23 Analyzed: 11/15/23

Gasoline Range Organics (C6-C10)	43.3	20.0	50.0	ND	86.6	70-130	0.380	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.36		8.00		92.0	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Jones Federal B3 Battery	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/16/2023 4:47:02PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2346050-BLK1)					Prepared: 11/15/23 Analyzed: 11/15/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	55.2		50.0		110	50-200			

LCS (2346050-BS1)					Prepared: 11/15/23 Analyzed: 11/15/23				
Diesel Range Organics (C10-C28)	253	25.0	250		101	38-132			
Surrogate: n-Nonane	53.2		50.0		106	50-200			

Matrix Spike (2346050-MS1)					Source: E311119-04		Prepared: 11/15/23 Analyzed: 11/15/23		
Diesel Range Organics (C10-C28)	254	25.0	250	ND	101	38-132			
Surrogate: n-Nonane	51.8		50.0		104	50-200			

Matrix Spike Dup (2346050-MSD1)					Source: E311119-04		Prepared: 11/15/23 Analyzed: 11/15/23		
Diesel Range Organics (C10-C28)	264	25.0	250	ND	106	38-132	3.99	20	
Surrogate: n-Nonane	55.2		50.0		110	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Jones Federal B3 Battery	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/16/2023 4:47:02PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2346051-BLK1)					Prepared: 11/15/23 Analyzed: 11/15/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.4		50.0		98.9	50-200			

LCS (2346051-BS1)					Prepared: 11/15/23 Analyzed: 11/15/23				
Diesel Range Organics (C10-C28)	241	25.0	250		96.6	38-132			
Surrogate: n-Nonane	53.2		50.0		106	50-200			

Matrix Spike (2346051-MS1)					Source: E311119-24		Prepared: 11/15/23 Analyzed: 11/15/23		
Diesel Range Organics (C10-C28)	235	25.0	250	ND	93.9	38-132			
Surrogate: n-Nonane	50.8		50.0		102	50-200			

Matrix Spike Dup (2346051-MSD1)					Source: E311119-24		Prepared: 11/15/23 Analyzed: 11/15/23		
Diesel Range Organics (C10-C28)	245	25.0	250	ND	97.8	38-132	4.10	20	
Surrogate: n-Nonane	52.2		50.0		104	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Jones Federal B3 Battery	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/16/2023 4:47:02PM

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 (2346054-BLK1)					Prepared: 11/15/23 Analyzed: 11/15/23				
Chloride	ND	20.0							
LCS (2346054-BS1)					Prepared: 11/15/23 Analyzed: 11/15/23				
Chloride	248	20.0	250		99.0	90-110			
Matrix Spike (2346054-MS1)					Source: E311119-06		Prepared: 11/15/23 Analyzed: 11/15/23		
Chloride	271	20.0	250	ND	108	80-120			
Matrix Spike Dup (2346054-MSD1)					Source: E311119-06		Prepared: 11/15/23 Analyzed: 11/15/23		
Chloride	266	20.0	250	ND	107	80-120	1.66	20	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Jones Federal B3 Battery	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/16/2023 4:47:02PM

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 (2346055-BLK1)					Prepared: 11/15/23 Analyzed: 11/15/23				
Chloride	ND	20.0							
LCS (2346055-BS1)					Prepared: 11/15/23 Analyzed: 11/15/23				
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2346055-MS1)					Source: E311119-25		Prepared: 11/15/23 Analyzed: 11/15/23		
Chloride	280	20.0	250	27.1	101	80-120			
Matrix Spike Dup (2346055-MSD1)					Source: E311119-25		Prepared: 11/15/23 Analyzed: 11/15/23		
Chloride	281	20.0	250	27.1	102	80-120	0.300	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:	Jones Federal B3 Battery	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/16/23 16:47

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

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

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

## Project Information

## Chain of Custody

Page 1 of 4

<b>Client:</b> Pima Environmental Services <b>Project:</b> Jones Federal B 3 Battery <b>Project Manager:</b> Tom Bynum <b>Address:</b> 5614 N. Lovington Hwy. <b>City, State, Zip:</b> Hobbs, NM, 88240 <b>Phone:</b> 580-748-1613 <b>Email:</b> tom@pimaoil.com <b>Report due by:</b>					<b>Bill To</b> <b>Attention:</b> Devon <b>Address:</b> <b>City, State, Zip:</b> <b>Phone:</b> <b>Email:</b> <b>Pima Project #</b> 346					<b>Lab Use Only</b> <b>Lab WO#</b> E31119 <b>Job Number</b> 01058-0007 <b>Analysis and Method</b>					<b>TAT</b> 1D 2D 3D Standard				<b>EPA Program</b> CWA SDWA RCRA	
										<b>State</b> NM CO UT AZ TX										
										DRO/ORO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM BGDOC TX										
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks														
8:12	11/13	S		CS1-1' Bottom	1	X														
8:18				CS2-1' Bottom	2															
8:19				CS3-1' Bottom	3															
8:22				CS4-1' Bottom	4															
8:28				CS5-1' Bottom	5															
8:31				CS6-1' Bottom	6															
8:45				CS7-1' Bottom	7															
8:53				CS8-1' Bottom	8															
9:01				CS9-1' Bottom	9															
9:11				CS10-1' Bottom	10															
<b>Additional Instructions:</b> B# 21207371																				
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																				
Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.																				
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	<b>Lab Use Only</b> Received on ice: <u>Y</u> / N												
Karime Adams		11/14	1:15	Michelle Gayh		11-14-23	13:15													
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 T2 T3												
Michelle Gayh		11-14-23	1600	Andrew Jasso		11-14-23	1800													
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	AVG Temp °C <u>4</u>												
Andrew Jasso		11-14-23	2400	Jennifer		11/15/23	8:30													
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**



## Project Information

## Chain of Custody

Page 2 of 4

<b>Client:</b> Pima Environmental Services <b>Project:</b> Jones Federal B3 Battery <b>Project Manager:</b> Tom Bynum <b>Address:</b> 5614 N. Lovington Hwy. <b>City, State, Zip:</b> Hobbs, NM, 88240 <b>Phone:</b> 580-748-1613 <b>Email:</b> tom@pimaoil.com <b>Report due by:</b>				<b>Bill To</b> <b>Attention:</b> Devon <b>Address:</b> <b>City, State, Zip:</b> <b>Phone:</b> <b>Email:</b> <b>Pima Project #</b> 346				<b>Lab Use Only</b> <b>Lab WO#</b> E31119 <b>Job Number</b> 01058-0007 <b>Analysis and Method</b>				<b>TAT</b> 1D 2D 3D Standard X				<b>EPA Program</b> CWA SDWA RCRA State NM CO UT AZ TX X			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks					
9:17	11/13	S		CS11-1' Bottom	11							X							
9:20				CS12-1' Bottom	12														
9:26				CS13-1' Bottom	13														
9:32				CS14-1' Bottom	14														
9:41				CS15-1' Bottom	15														
9:53				CSW1 - Comp.	16														
10:10				CSW2 - Comp.	17														
10:16				CSW3 - Comp.	18														
10:21				CSW4 - Comp.	19														
10:27				CSW5 - Comp.	20														
<b>Additional Instructions:</b> B# 21207371																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.												Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.							
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	<b>Lab Use Only</b> Received on ice: Y / N T1 T2 T3 AVG Temp °C 4											
Karime Adame		11/14	1:15	Michelle Gayle		11-14-23	1315												
Michelle Gayle		11-14-23	1600	John M. Sosa		11-14-23	1800												
Andrew M. Sosa		11-14-23	2400	Martine		11-15-23	8:30												
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**



## Project Information

## Chain of Custody

Page 3 of 4

Client: Pima Environmental Services					Bill To		Lab Use Only		TAT				EPA Program			
Project: Jones Federal B3 Battery					Attention: Devon		Lab WO# E31119		Job Number 01058-0007		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Tom Bynum					Address:											
Address: 5614 N. Lovington Hwy.					City, State, Zip											
City, State, Zip Hobbs, NM, 88240					Phone:											RCRA
Phone: 580-748-1613					Email:											
Email: tom@pimaoil.com					Pima Project # 346											
Report due by:																
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC NM	BGDOC TX		
10:31	11/13	S		CSW6 - Comp.	21								X			
10:42				CSW7 - Comp.	22											
10:51				CSW8 - Comp.	23											
11:01				CSW9 - Comp.	24											
11:12				CSW10 - Comp.	25											
11:17				CSW11 - Comp.	26											
11:19				CSW12 - Comp.	27											
11:21				CSW13 - Comp.	28											
11:30				CSW14 - Comp.	29											
11:35				CSW15 - Comp.	30											
Additional Instructions: B#21207371																
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.										Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.						
Relinquished by: (Signature) Karime Adams										Received by: (Signature) Milla Gay						
Date 11/14										Time 1:15						
Relinquished by: (Signature) Milla Gay										Received by: (Signature) Andrew N. 330						
Date 11-14-23										Time 11:00						
Relinquished by: (Signature) Andrew N. 330										Received by: (Signature) M. Montano						
Date 11-14-23										Time 2:00						
										Date 11-14-23						
										Time 1:15						
										Date 11-15-23						
										Time 8:30						
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.																



## Chain of Custody





## Envirotech Analytical Laboratory

Printed: 11/15/2023 12:30:01PM

## 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:	11/15/23 08:30	Work Order ID:	E311119
Phone:	(575) 631-6977	Date Logged In:	11/14/23 16:38	Logged In By:	Alexa Michaels
Email:	tom@pimaoil.com	Due Date:	11/15/23 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? No
5. Were all samples received within holding time? Yes

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

Carrier: CourierComments/Resolution

No. of containers not provided on COC.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

**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**

QUESTIONS  
  
Action 324429

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 324429
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2321929306
Incident Name	NAPP2321929306 JONES FEDERAL BATTERY @ 0
Incident Type	Oil Release
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP2130540873] JONES FEDERAL B 3 BATTERY

Location of Release Source	
Please answer all the questions in this group.	
Site Name	JONES FEDERAL BATTERY
Date Release Discovered	08/05/2023
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Equipment Failure   Pump   Crude Oil   Released: 2 BBL   Recovered: 0 BBL   Lost: 2 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	Not answered.
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	While assistant foreman was passing by the battery noticed circ pump discharge poly line spraying oil in air. Circ pump was shut down and isolated to avoid any further release. 2.1 BBLs spilled. Zero bbls recovered. Spill did go offsite.

**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**

QUESTIONS, Page 2

Action 324429

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	324429
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

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

**Initial Response**

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

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

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

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

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 03/18/2024
--	--

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QUESTIONS, Page 3

Action 324429

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 324429
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS****Site Characterization**

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

**Remediation Plan**

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

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

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

Chloride	(EPA 300.0 or SM4500 Cl B)	175
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	485
GRO+DRO	(EPA SW-846 Method 8015M)	0
BTEX	(EPA SW-846 Method 8021B or 8260B)	0
Benzene	(EPA SW-846 Method 8021B or 8260B)	0

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

On what estimated date will the remediation commence	11/11/2023
On what date will (or did) the final sampling or liner inspection occur	11/13/2023
On what date will (or was) the remediation complete(d)	02/23/2024
What is the estimated surface area (in square feet) that will be reclaimed	2875
What is the estimated volume (in cubic yards) that will be reclaimed	87
What is the estimated surface area (in square feet) that will be remediated	2875
What is the estimated volume (in cubic yards) that will be remediated	87

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

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

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QUESTIONS, Page 4  
Action 324429

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	324429
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

<b>Remediation Plan (continued)</b>	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
<b>This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:</b>	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for <b>off-site</b> disposal	R360 Artesia LLC LANDFARM [FEEM0112340644]
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 03/18/2024
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	



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QUESTIONS, Page 5  
  
Action 324429

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 324429
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Deferral Requests Only</b>	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 324429

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	324429
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

Sampling Event Information	
Last sampling notification (C-141N) recorded	324441
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/13/2023
What was the (estimated) number of samples that were to be gathered	1
What was the sampling surface area in square feet	1

**Remediation Closure Request**

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

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	2875
What was the total volume (cubic yards) remediated	87
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	2875
What was the total volume (in cubic yards) reclaimed	87
Summarize any additional remediation activities not included by answers (above)	see report

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

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

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 03/18/2024
--	--

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QUESTIONS, Page 7  
  
Action 324429

QUESTIONS (continued)

Operator:  DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:
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	Action Number:
	324429
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 324429

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 324429
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #NAPP2321929306 JONES FEDERAL BATTERY, thank you. This Remediation Closure Report is approved.	5/3/2024