

Volume calculator

There was no volume calculator prepared when the spill occurred.



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

July 19, 2024

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

Bureau of Land Management  
 620 East Green Street  
 Carlsbad, NM 88220

**Re: Site Assessment, Remediation, and Closure Report**  
**Pure Federal #3**  
**API No. 30-015-30350**  
**GPS: Latitude 32.497725 Longitude -104.36249**  
**UL -- G, Sec. 11, T21S, R25E**  
**Eddy County, NM**  
**NMOCD Ref. No. NAB1731257230**

Pima Environmental Services, LLC. (Pima) has been contracted by Devon Energy Production Company, LP (Devon) to perform a spill assessment, remediation activities, and submit this closure report for a crude oil release that occurred at the Pure Federal #3 (Pure). The initial C-141 was submitted on November 7<sup>th</sup>, 2017 (Appendix C). This incident was assigned Incident ID NAB1731257230 by the New Mexico Oil Conservation Division (NMOCD).

### Site Characterization

The Pure is located approximately nine (9) miles northwest of Carlsbad, NM. This spill site is in Unit G, Section 11, Township 21S, Range 25E, Latitude 32.497725 Longitude -104.36249, Eddy County, NM. Figure 1 references a Location Map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is in the Yates and Tansill formation (Guadalupean). The soil in this area is made up of Ector stony loam, 0 to 9 percent slopes according to the United States Department of Agriculture Natural Resources Conservation Service soil survey (Appendix B). The drainage courses in this area are well-drained. There is a high potential for karst geology to be present in the area of the Pure (Figure 3).

According to the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is 25 feet below grade surface (BGS). According to the United States Geological Survey (USGS), the nearest groundwater is greater than 68 feet BGS. The closest waterway and is the Pecos River, located approximately 1.69 miles to the northeast of this location. See Appendix A for referenced water surveys.

Table 1 NMAC and Closure Criteria 19.15.29					
Depth to Groundwater (Appendix A)	Constituent & Limits				
	Chlorides	Total TPH	GRO+DRO	BTEX	Benzene
<50' (Lack of GW data)	600 mg/kg	100 mg/kg		50 mg/kg	10 mg/kg
51-100'	10,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg
>100'	20,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg

Reference Figure 2 for a Topographic Map.

**Release Information**

**NAB1731257230:** On October 25<sup>th</sup>, 2017, the packing in the stuffing box came out by pressure resulting in the release of 5 barrels of produced water and 1 barrel of crude oil. A total of 1 barrel of produced water and 1 barrel of crude oil was recovered. All fluid remained on location.

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

On September 20<sup>th</sup> and September 30<sup>th</sup>, 2022, Pima Environmental mobilized personnel to the site to assess the impacted area. Pima sampled areas around the reclaimed pad, surrounding the release. An initial site map can be found in Figure 4.

## 9-20 and 9-30-2022 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')									
Devon Energy - Pure Fed #3									
NM Approved Laboratory Results									
Sample ID	Depth (BGS)	Sample Depth	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
S-1	0-6"	9/20/2022	ND	ND	ND	ND	ND	ND	ND
	4'	9/30/2022	ND	ND	ND	ND	ND	ND	ND
S-2	0-6"	9/20/2022	ND	ND	ND	ND	ND	ND	ND
	4'	9/30/2022	ND	ND	ND	ND	ND	ND	ND
S-3	0-6"	9/20/2022	ND	ND	ND	ND	ND	ND	ND
	4'	9/30/2022	ND	ND	ND	ND	ND	ND	ND
S-4	0-6"	9/20/2022	ND	ND	ND	ND	ND	ND	ND
	4'	9/30/2022	ND	ND	ND	ND	ND	ND	ND
S-5	0-6"	9/20/2022	ND	ND	ND	ND	ND	ND	ND
	4'	9/30/2022	ND	ND	ND	ND	ND	ND	ND
S-6	0-6"	9/20/2022	ND	ND	ND	ND	ND	ND	ND
	4'	9/30/2022	ND	ND	ND	ND	ND	ND	ND
S-7	0-6"	9/20/2022	ND	ND	ND	ND	ND	ND	ND
	4'	9/30/2022	ND	ND	ND	ND	ND	ND	ND
S-8	0-6"	9/20/2022	ND	ND	ND	ND	ND	ND	ND
	4'	9/30/2022	ND	ND	ND	ND	ND	ND	ND
S-9	0-6"	9/20/2022	ND	ND	ND	ND	ND	ND	ND
	4'	9/30/2022	ND	ND	ND	ND	ND	ND	ND
SW 1	0-6"	9/20/2022	ND	ND	ND	ND	ND	ND	ND
SW 2	0-6"	9/20/2022	ND	ND	ND	ND	ND	ND	ND
SW 3	0-6"	9/20/2022	ND	ND	ND	ND	ND	ND	ND
SW 4	0-6"	9/20/2022	ND	ND	ND	ND	ND	ND	ND
BG 1	0-6"	9/20/2022	ND	ND	ND	ND	ND	ND	ND
BG 2	0-6"	9/20/2022	ND	ND	ND	ND	ND	ND	ND

ND- Analyte Not Detected

**Countermeasures Due to Rejection: (197576)**

On July 25, 2023, the NMOCD denied to remediation closure report citing:

"The OCD has rejected the submitted Application for administrative approval of a release notification and corrective action (C-141), for incident ID (n#) NAB1731257230 for the following reasons:

- **The Closure Report is denied. Devon reported a release on location coming out of the stuffing box. Mr. Shoemaker reported that the lease operator arrived on location and found the kill unplugged and both the tubing and casing closed. The unit was shut off and pressure was relieved, and the packing was changed. Approximately 6 bbls of mixed produced water and oil was released. A vacuum truck was dispatched and recovered approximately 2 bbls. The focus of the release investigation should be in the immediate area of the pump jack. Collect confirmation samples, representing no more than 200 ft2. This release is in a high karst area and will need to be remediated to the strictest closure criteria of <50' depth to groundwater from Table 1 of the spill rule. Sidewall/Edge samples should be delineated, excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. All samples must be analyzed for all constituents listed in Table 1 of 19.15.29.12 NMAC.**

On May 31, 2024, in response to the rejected closure report, Pima Environmental returned to the Pure to conduct confirmation sampling on a 1,300 sq ft area, surrounding the GPS coordinates where the pump jack and wellhead were located. Pima collected seven 5-point composite bottom samples from 0-4' labeled CS1-CS7, and six 5-point composite sidewall samples from 0-4' labeled CSW1-CSW6. The laboratory results of this sampling event can be found in the following data table. A Confirmation Sample Map can be found in Figure 5.

5-31-2024 Confirmation Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater Is (<50 bgs))								
DEVON ENERGY Pure Federal #003								
Date: 5-31-24		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
CS1	0-4' Comp	ND	ND	ND	ND	ND	0	ND
CS2	0-4' Comp	ND	ND	ND	ND	ND	0	ND
CS3	0-4' Comp	ND	ND	ND	ND	ND	0	ND
CS4	0-4' Comp	ND	ND	ND	ND	ND	0	ND
CS5	0-4' Comp	ND	ND	ND	ND	ND	0	ND
CS6	0-4' Comp	ND	ND	ND	ND	ND	0	ND
CS7	0-4' Comp	ND	ND	ND	ND	ND	0	ND
CSW1	0-4' Comp	ND	ND	ND	ND	ND	0	ND
CSW2	0-4' Comp	ND	ND	ND	ND	ND	0	ND
CSW3	0-4' Comp	ND	ND	ND	ND	ND	0	ND
CSW4	0-4' Comp	ND	ND	ND	ND	ND	0	ND
CSW5	0-4' Comp	ND	ND	ND	ND	ND	0	ND
CSW6	0-4' Comp	ND	ND	ND	ND	ND	0	ND

**Closure Request**

Due to analytical levels falling below NMOCD closure criteria, no further action is required.

After careful review, Pima requests that this incident, NAB1731257230 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 DelRae Geller at 806-724-5391 or [delrae@pimaoil.com](mailto:delrae@pimaoil.com).

Respectfully,

*DelRae Geller*

DelRae Geller  
Project Manager  
Pima Environmental Services, LLC.

**Attachments**

Figures:

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

Appendices:

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



Pima Environmental Services

**Figures:**

1 - Location Map

2 - Topographic Map

3 - Karst Map


4 - Site Map

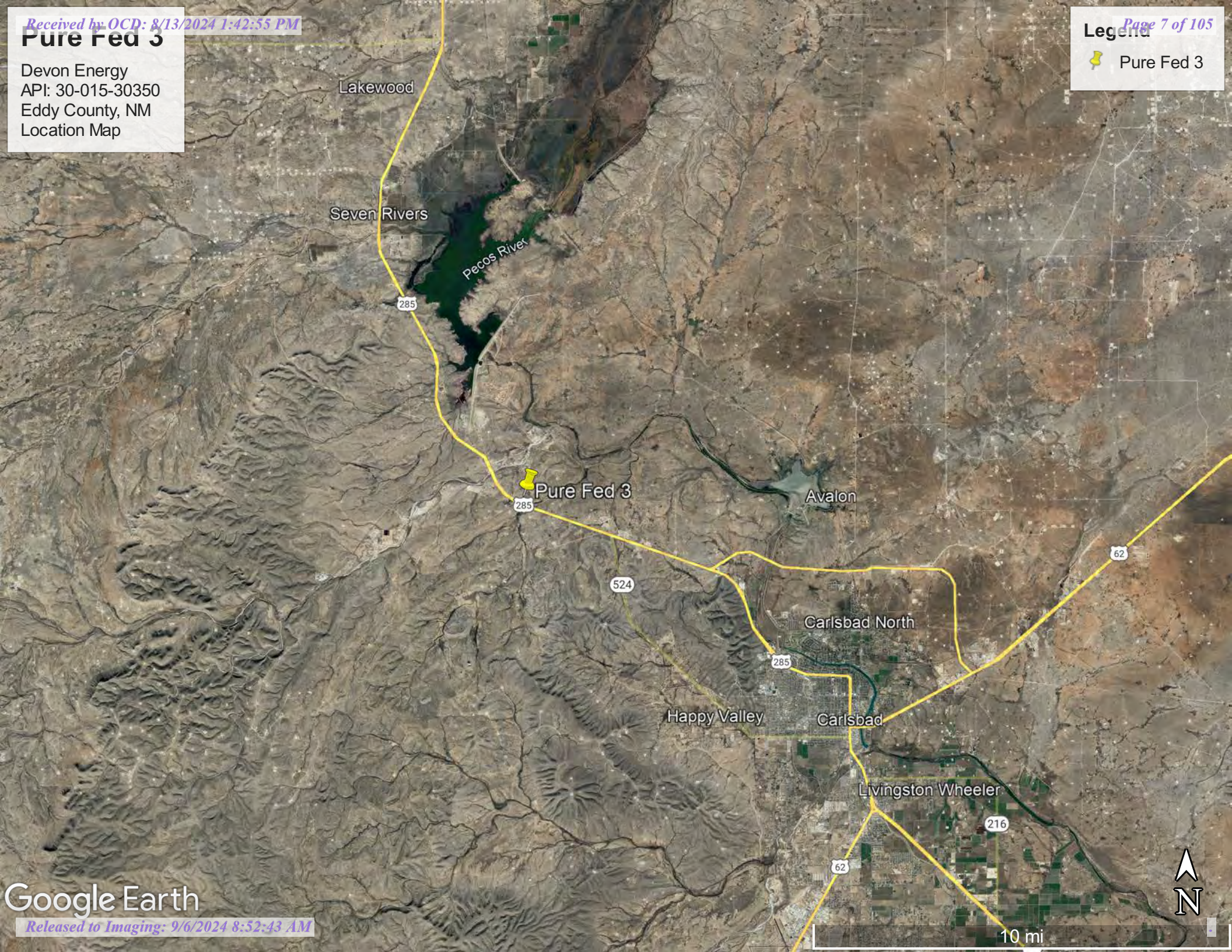
5 – Confirmation Sample Map

# Pure Fed 3

Devon Energy  
API: 30-015-30350  
Eddy County, NM  
Location Map

## Legend

 Pure Fed 3

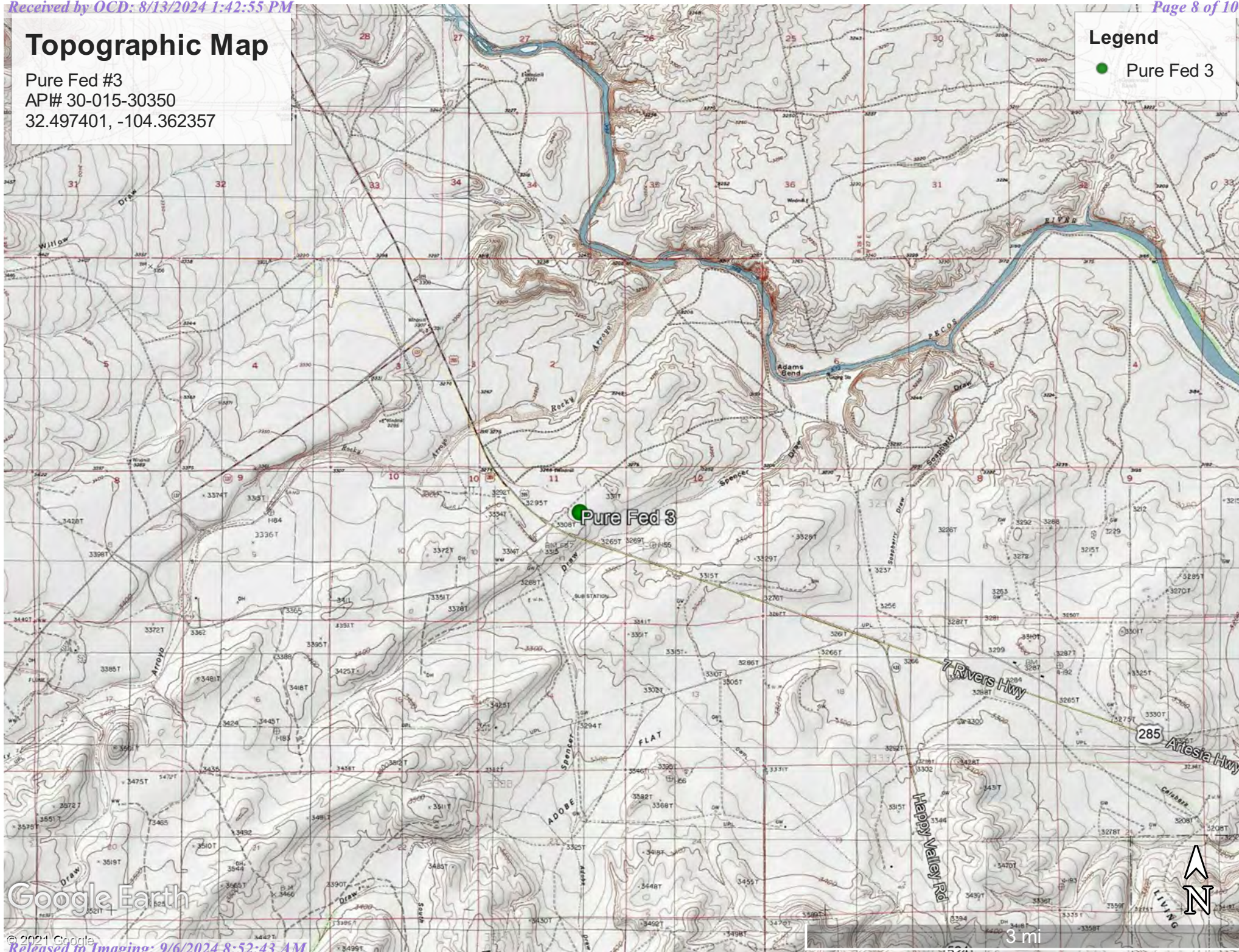


# Topographic Map

Pure Fed #3  
AP# 30-015-30350  
32.497401, -104.362357

## Legend

● Pure Fed 3



# Pure Fed 3

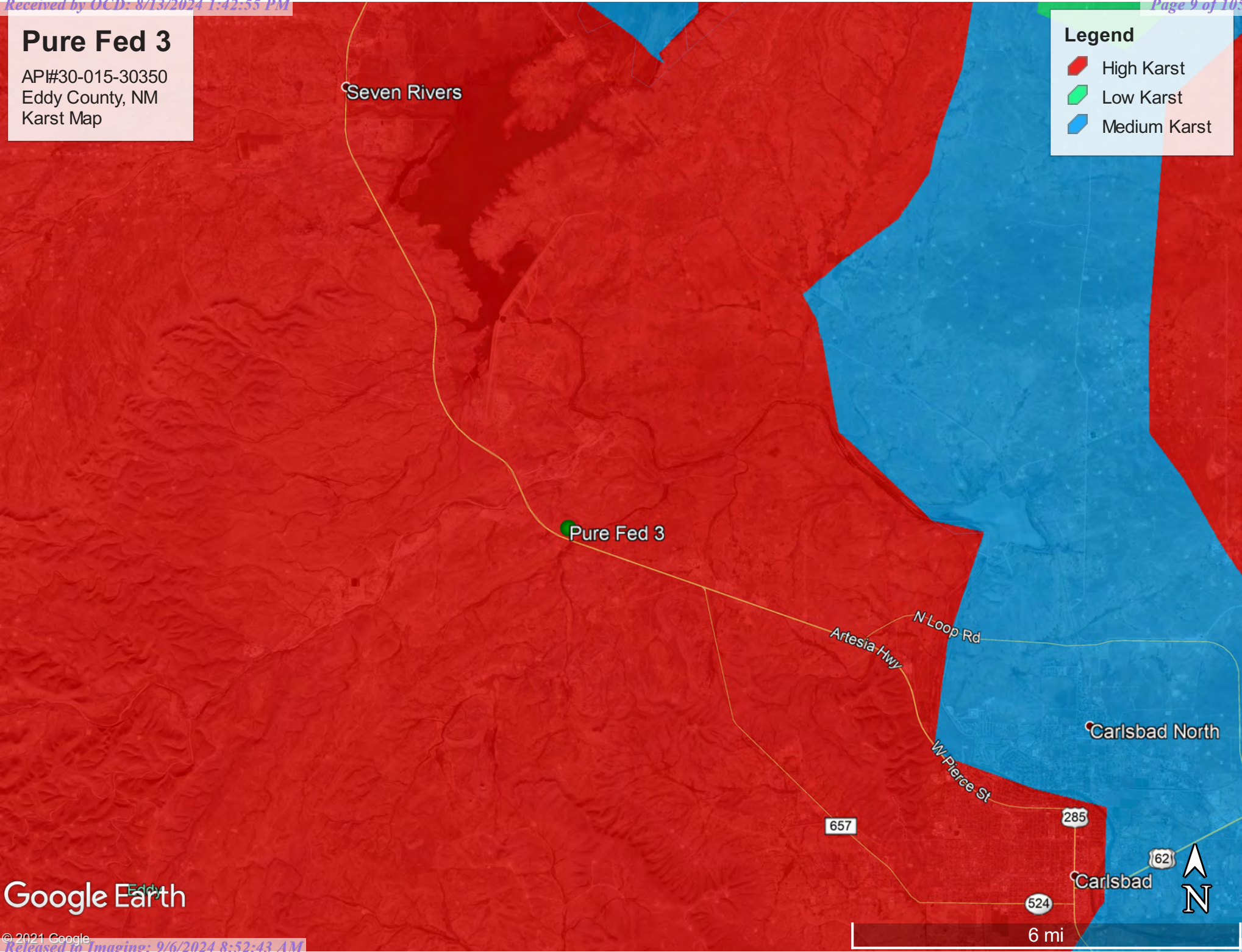
API#30-015-30350  
Eddy County, NM  
Karst Map

Legend

High Karst

Low Karst

Medium Karst





Google Earth

# Devon Energy

Pure Federal #3  
API:30-015-30350  
Eddy County, NM  
Initial Site Map

## Legend




-  PURE FEDERAL #003
-  Sample Points




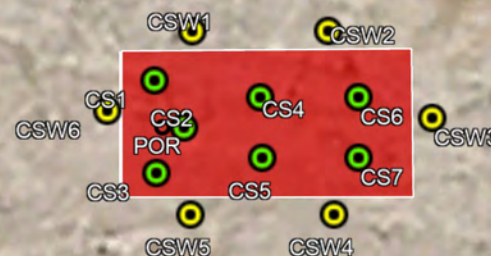
# Pure Federal #003

Devon Energy  
API #30-015-30350  
Eddy County, NM  
NAB1731257230  
Confirmation Sample Map

## Legend

-  32.497725, -104.36249
-  5-Point Composite Base Samples
-  5-Point Composite Wall Samples
-  POR
-  Relesae Area

32.497725, -104.36249 



Google Earth

Image © 2024 Airbus

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100 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="#">C_00550</a>		C	ED	1	1	2	11	21S	25E	559689	3596136*	404	97		
<a href="#">C_01166</a>		C	ED		1	3	11	21S	25E	558976	3595176*	1098	550		
<a href="#">C_02268</a>		CUB	ED	1	4	3	11	21S	25E	559277	3594853*	1115	30	25	5
<a href="#">C_02632</a>		C	ED	4	3	1	07	21S	26E	562208	3595549*	2329	247	66	181
<a href="#">C_02643</a>		C	ED		3	3	03	21S	25E	557361	3596444*	2613	145	33	112
<a href="#">C_01399</a>		C	LE	3	3	2	15	21S	25E	558068	3593839*	2666	200		
<a href="#">C_01041</a>		C	ED	3	3	3	03	21S	25E	557260	3596343*	2688	85	65	20
<a href="#">C_03618 POD1</a>		C	ED	2	2	1	03	21S	25E	557943	3597754	2768	160	80	80

Average Depth to Water: **53 feet**

Minimum Depth: **25 feet**

Maximum Depth: **80 feet**

**Record Count:** 8

**UTMNAD83 Radius Search (in meters):**

**Easting (X):** 559890

**Northing (Y):** 3595785.35

**Radius:** 3000

\*UTM location was derived from PLSS - see Help

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


2/15/21 11:39 AM


WATER COLUMN/ AVERAGE DEPTH TO WATER


# Pure Federal #003

Devon Energy  
API #30-015-30350  
Eddy County, NM  
NAB1731257230  
OSE Pod Map

Legend

 0.26 Miles

 C-00550 POD1

 Pure Federal #003





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

## National Water Information System: Web Interface

USGS Water Resources

Data Category:


Groundwater

Geographic Area:

United States

GO

Click to hide News Bulletins

- [Introducing The Next Generation of USGS Water Data for the Nation](#)
- [Full News](#) 

Groundwater levels for the Nation

\* IMPORTANT: [Next Generation Station Page](#)

### Search Results -- 1 sites found

site\_no list =

- 323004104215601

Minimum number of levels = 1

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

### USGS 323004104215601 21S.25E.11.21111

Available data for this site

Groundwater: Field measurements

GO

Eddy County, New Mexico

Hydrologic Unit Code 13060011

Latitude 32°30'04", Longitude 104°21'56" NAD27

Land-surface elevation 3,275 feet above NAVD88

The depth of the well is 97 feet below land surface.

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

This well is completed in the Rustler Formation (312RSLR) local aquifer.

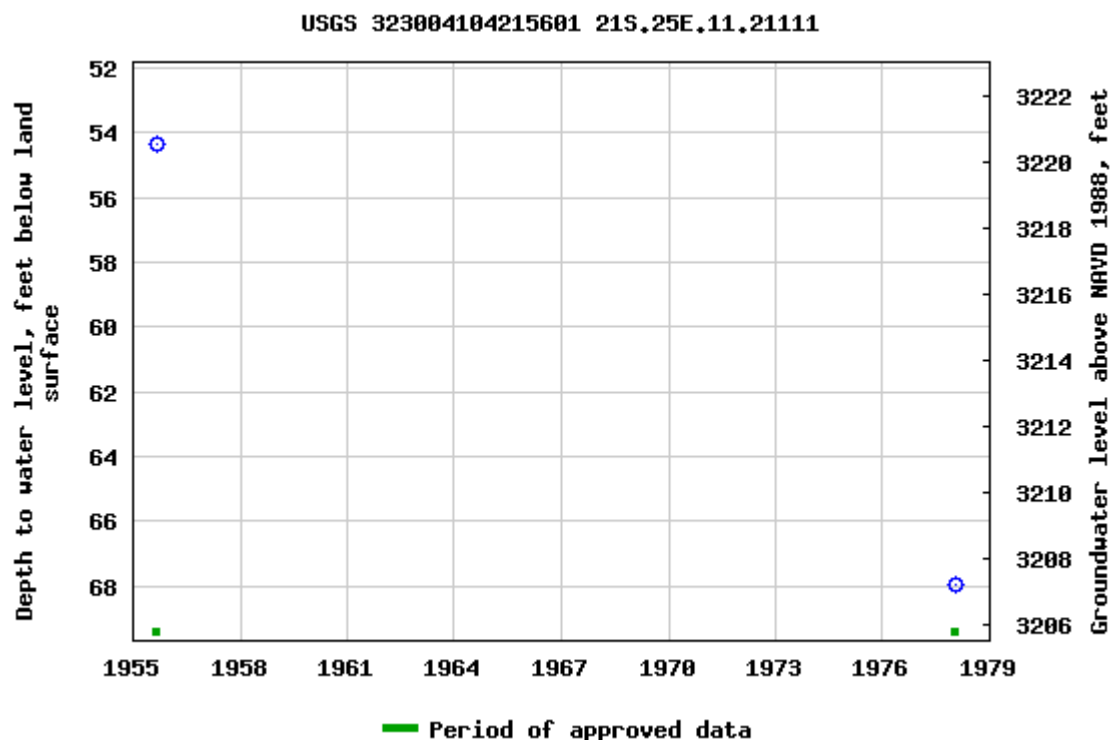
#### Output formats

[Table of data](#)

[Tab-separated data](#)

[Graph of data](#)

[Reselect period](#)



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

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

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



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




Page Last Modified: 2021-02-15 13:27:32 EST

0.66 0.58 nadww02

# Pure Federal #003

Devon Energy  
API #30-015-30350  
Eddy County, NM  
NAB1731257230  
USGS Map

## Legend

-  0.31 Miles
-  USGS 323004104215601
-  Pure Federal #003



Google Earth

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# Pure Fed 3

Devon Energy  
API: 30-015-30350  
Eddy County, NM  
Surface Water Map

## Legend

- 1.69 Miles
- Pure Fed 3





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**Appendix B**

Soil Survey & Geological Data

FEMA Flood Map

Wetlands Map

Map Unit Description: Ector stony loam, 0 to 9 percent slopes---Eddy Area, New Mexico

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## Eddy Area, New Mexico

### EC—Ector stony loam, 0 to 9 percent slopes

#### Map Unit Setting

*National map unit symbol:* 1w4b

*Elevation:* 3,300 to 4,800 feet

*Mean annual precipitation:* 10 to 18 inches

*Mean annual air temperature:* 58 to 62 degrees F

*Frost-free period:* 195 to 210 days

*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Ector and similar soils:* 100 percent

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

#### Description of Ector

##### Setting

*Landform:* Hills, ridges

*Landform position (two-dimensional):* Shoulder, backslope, footslope, toeslope

*Landform position (three-dimensional):* Head slope, nose slope, side slope, crest

*Down-slope shape:* Convex

*Across-slope shape:* Linear

*Parent material:* Residuum weathered from limestone

##### Typical profile

*H1 - 0 to 6 inches:* very cobbly loam

*H2 - 6 to 60 inches:* bedrock

##### Properties and qualities

*Slope:* 0 to 9 percent

*Depth to restrictive feature:* 4 to 20 inches to lithic bedrock

*Drainage class:* Well drained

*Runoff class:* Medium

*Capacity of the most limiting layer to transmit water*

*(Ksat):* Moderately low to high (0.06 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:* 60 percent

*Maximum salinity:* Nonsaline to slightly saline (0.0 to 4.0 mmhos/cm)

*Sodium adsorption ratio, maximum:* 1.0

*Available water supply, 0 to 60 inches:* Very low (about 0.5 inches)

##### Interpretive groups

*Land capability classification (irrigated):* None specified

*Land capability classification (nonirrigated):* 7s

Map Unit Description: Ector stony loam, 0 to 9 percent slopes---Eddy Area, New Mexico

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*Hydrologic Soil Group:* D  
*Ecological site:* R042CY158NM - Very Shallow  
*Hydric soil rating:* No

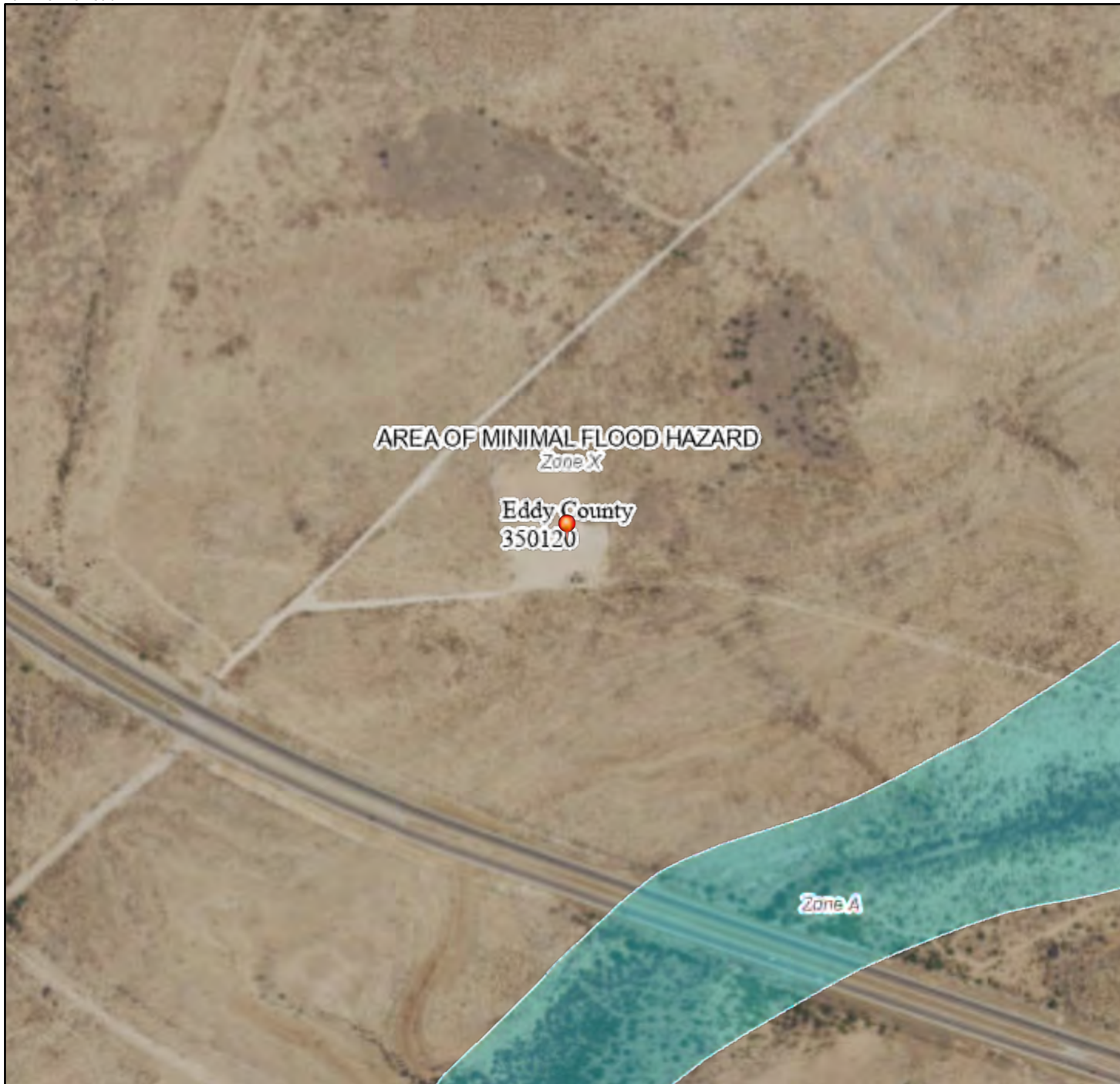
## Data Source Information

Soil Survey Area: Eddy Area, New Mexico  
Survey Area Data: Version 18, Sep 8, 2022

# National Flood Hazard Layer FIRMMette



104°22'3"W 32°30'6"N



0 250 500 1,000 1,500 2,000 Feet 1:6,000 104°21'26"W 32°29'36"N  
Released to Imaging: 9/6/2024 8:32:43 AM  
Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

## 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
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped

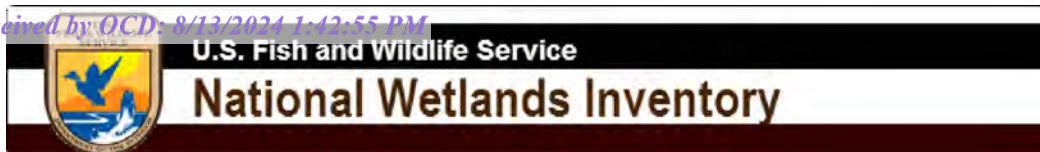


The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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 2/16/2021 at 11:55 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



## Wetlands Map



February 23, 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**

### 48-Hour Sampling Notification



Delrae Pima Oil &lt;delrae@pimaoil.com&gt;

**FW: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 348862**

4 messages

**Woodall, Dale** <Dale.Woodall@dvn.com>

Wed, May 29, 2024 at 12:26 PM

To: Delrae Pima Oil &lt;delrae@pimaoil.com&gt;, Andrew Pima Oil &lt;andrew@pimaoil.com&gt;, Marisa Pima Oil &lt;marisa@pimaoil.com&gt;

fyi

Dale Woodall

*Environmental Professional**Hobbs, NM**Office: 575-748-1838**Mobile: 405-318-4697**[Dale.Woodall@dvn.com](mailto:Dale.Woodall@dvn.com)***From:** [OCDOnline@state.nm.us](mailto:OCDOnline@state.nm.us) <[OCDOnline@state.nm.us](mailto:OCDOnline@state.nm.us)>**Sent:** Wednesday, May 29, 2024 12:25 PM**To:** Woodall, Dale <[Dale.Woodall@dvn.com](mailto:Dale.Woodall@dvn.com)>**Subject:** [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 348862

To whom it may concern (c/o Dale Woodall for DEVON ENERGY PRODUCTION COMPANY, LP),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAB1731257230.

The sampling event is expected to take place:

**When:** 05/31/2024 @ 14:00**Where:** G-11-21S-25E 1650 FNL 1650 FEL (32.4974785,-104.3624191)**Additional Information:** Marisa Loya (575) 416-0639 or Andrew Franco (806) 200-0054**Additional Instructions:** G-11-21S-25E Lat/Long: 32.4974785,-104.2624191 From Carlsbad head NW on HWY 285, head NE on State Road 406 Waterhole Road for 0.11 miles, turn east into location.

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

**New Mexico Energy, Minerals and Natural Resources Department**  
1220 South St. Francis Drive  
Santa Fe, NM 87505

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**Delrae Pima Oil** <delrae@pimaoil.com>  
To: "Woodall, Dale" <Dale.Woodall@dvn.com>

Wed, May 29, 2024 at 12:37 PM

Thank you, Dale!

DelRae Geller  
Project Manager  
Cell: 806-724-5391  
Office: 575-964-7700



Pima Environmental Services, LLC.  
5614 N Lovington Hwy.  
Hobbs, NM 88240

[Quoted text hidden]

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**Delrae Pima Oil** <delrae@pimaoil.com>  
To: "Woodall, Dale" <Dale.Woodall@dvn.com>

Thu, May 30, 2024 at 12:54 PM

Dale,

I miscalculated the amount of samples that will be taken. There will be 41 samples taken, not 13.

Thank you,  
[Quoted text hidden]  
[Quoted text hidden]

---

**Woodall, Dale** <Dale.Woodall@dvn.com>  
To: "OCDOnline@state.nm.us" <OCDOnline@state.nm.us>  
Cc: Delrae Pima Oil <delrae@pimaoil.com>

Thu, May 30, 2024 at 1:01 PM

There will be 41 samples taken, not 13.

Please let me know if you have any questions.

Dale Woodall

**Environmental Professional**

**Hobbs, NM**

**Office:** 575-748-1838

**Mobile:** 405-318-4697

[Dale.Woodall@dvn.com](mailto:Dale.Woodall@dvn.com)

---

**From:** Delrae Pima Oil <[delrae@pimaoil.com](mailto:delrae@pimaoil.com)>

**Sent:** Thursday, May 30, 2024 12:55 PM

**To:** Woodall, Dale <[Dale.Woodall@dvn.com](mailto:Dale.Woodall@dvn.com)>

**Subject:** Re: FW: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 348862

Dale,

I miscalculated the amount of samples that will be taken. There will be 41 samples taken, not 13.

Thank you,

DelRae Geller  
Project Manager  
Cell: 806-724-5391  
Office: 575-964-7700

  
Pima Environmental Services, LLC.  
[5614 N Lovington Hwy.](#)  
[Hobbs, NM 88240](#)

On Wed, May 29, 2024 at 12:37 PM Delrae Pima Oil <[delrae@pimaoil.com](mailto:delrae@pimaoil.com)> wrote:

Thank you, Dale!

DelRae Geller  
Project Manager  
Cell: 806-724-5391



Pima Environmental Services

## **Appendix D**

Photographic Documentation



**SITE PHOTOGRAPHS  
PIMA ENVIRONMENTAL**

**Pure Federal #3**









Pima Environmental Services

## **Appendix E**

Laboratory Reports

Report to:  
Tom Bynum



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Pure Federal #3

Work Order: E209128

Job Number: 01058-0007

Received: 9/22/2022

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
9/28/22

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.  
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 9/28/22

Tom Bynum  
PO Box 247  
Plains, TX 79355-0247



Project Name: Pure Federal #3  
Workorder: E209128  
Date Received: 9/22/2022 10:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/22/2022 10:30:00AM, under the Project Name: Pure Federal #3.

The analytical test results summarized in this report with the Project Name: Pure Federal #3 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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

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

Field Offices:

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

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

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

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## Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Pure Federal #3	<b>Reported:</b> 09/28/22 15:33
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
S.1	E209128-01A	Soil	09/20/22	09/22/22	Glass Jar, 4 oz.
S.2	E209128-02A	Soil	09/20/22	09/22/22	Glass Jar, 4 oz.
S.3	E209128-03A	Soil	09/20/22	09/22/22	Glass Jar, 4 oz.
S.4	E209128-04A	Soil	09/20/22	09/22/22	Glass Jar, 4 oz.
S.5	E209128-05A	Soil	09/20/22	09/22/22	Glass Jar, 4 oz.
S.6	E209128-06A	Soil	09/20/22	09/22/22	Glass Jar, 4 oz.
S.7	E209128-07A	Soil	09/20/22	09/22/22	Glass Jar, 4 oz.
S.8	E209128-08A	Soil	09/20/22	09/22/22	Glass Jar, 4 oz.
S.9	E209128-09A	Soil	09/20/22	09/22/22	Glass Jar, 4 oz.
SW1	E209128-10A	Soil	09/20/22	09/22/22	Glass Jar, 4 oz.
SW2	E209128-11A	Soil	09/20/22	09/22/22	Glass Jar, 4 oz.
SW3	E209128-12A	Soil	09/20/22	09/22/22	Glass Jar, 4 oz.
SW4	E209128-13A	Soil	09/20/22	09/22/22	Glass Jar, 4 oz.
BG1	E209128-14A	Soil	09/20/22	09/22/22	Glass Jar, 4 oz.
BG2	E209128-15A	Soil	09/20/22	09/22/22	Glass Jar, 4 oz.



## Sample Data

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

Project Name: Pure Federal #3  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
9/28/2022 3:33:12PM

## S.1

## E209128-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239089
Benzene	ND	0.0250	1	09/22/22	09/26/22	
Ethylbenzene	ND	0.0250	1	09/22/22	09/26/22	
Toluene	ND	0.0250	1	09/22/22	09/26/22	
o-Xylene	ND	0.0250	1	09/22/22	09/26/22	
p,m-Xylene	ND	0.0500	1	09/22/22	09/26/22	
Total Xylenes	ND	0.0250	1	09/22/22	09/26/22	
Surrogate: Bromofluorobenzene	98.9 %	70-130		09/22/22	09/26/22	
Surrogate: 1,2-Dichloroethane-d4	91.0 %	70-130		09/22/22	09/26/22	
Surrogate: Toluene-d8	97.7 %	70-130		09/22/22	09/26/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239089
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/22/22	09/26/22	
Surrogate: Bromofluorobenzene	98.9 %	70-130		09/22/22	09/26/22	
Surrogate: 1,2-Dichloroethane-d4	91.0 %	70-130		09/22/22	09/26/22	
Surrogate: Toluene-d8	97.7 %	70-130		09/22/22	09/26/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239101
Diesel Range Organics (C10-C28)	ND	25.0	1	09/26/22	09/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/26/22	09/26/22	
Surrogate: n-Nonane	91.1 %	50-200		09/26/22	09/26/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239109
Chloride	ND	20.0	1	09/23/22	09/26/22	



## Sample Data

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

Project Name: Pure Federal #3  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
9/28/2022 3:33:12PM

## S.2

## E209128-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239089
Benzene	ND	0.0250	1	09/22/22	09/26/22	
Ethylbenzene	ND	0.0250	1	09/22/22	09/26/22	
Toluene	ND	0.0250	1	09/22/22	09/26/22	
o-Xylene	ND	0.0250	1	09/22/22	09/26/22	
p,m-Xylene	ND	0.0500	1	09/22/22	09/26/22	
Total Xylenes	ND	0.0250	1	09/22/22	09/26/22	
Surrogate: Bromofluorobenzene		101 %	70-130	09/22/22	09/26/22	
Surrogate: 1,2-Dichloroethane-d4		90.9 %	70-130	09/22/22	09/26/22	
Surrogate: Toluene-d8		98.8 %	70-130	09/22/22	09/26/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239089
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/22/22	09/26/22	
Surrogate: Bromofluorobenzene		101 %	70-130	09/22/22	09/26/22	
Surrogate: 1,2-Dichloroethane-d4		90.9 %	70-130	09/22/22	09/26/22	
Surrogate: Toluene-d8		98.8 %	70-130	09/22/22	09/26/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239101
Diesel Range Organics (C10-C28)	ND	25.0	1	09/26/22	09/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/26/22	09/26/22	
Surrogate: n-Nonane		89.3 %	50-200	09/26/22	09/26/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239109
Chloride	ND	20.0	1	09/23/22	09/26/22	



## Sample Data

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

Project Name: Pure Federal #3  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
9/28/2022 3:33:12PM

## S.3

## E209128-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239089
Benzene	ND	0.0250	1	09/22/22	09/26/22	
Ethylbenzene	ND	0.0250	1	09/22/22	09/26/22	
Toluene	ND	0.0250	1	09/22/22	09/26/22	
o-Xylene	ND	0.0250	1	09/22/22	09/26/22	
p,m-Xylene	ND	0.0500	1	09/22/22	09/26/22	
Total Xylenes	ND	0.0250	1	09/22/22	09/26/22	
Surrogate: Bromofluorobenzene		101 %	70-130	09/22/22	09/26/22	
Surrogate: 1,2-Dichloroethane-d4		92.1 %	70-130	09/22/22	09/26/22	
Surrogate: Toluene-d8		97.6 %	70-130	09/22/22	09/26/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239089
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/22/22	09/26/22	
Surrogate: Bromofluorobenzene		101 %	70-130	09/22/22	09/26/22	
Surrogate: 1,2-Dichloroethane-d4		92.1 %	70-130	09/22/22	09/26/22	
Surrogate: Toluene-d8		97.6 %	70-130	09/22/22	09/26/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239101
Diesel Range Organics (C10-C28)	ND	25.0	1	09/26/22	09/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/26/22	09/26/22	
Surrogate: n-Nonane		88.2 %	50-200	09/26/22	09/26/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239109
Chloride	ND	20.0	1	09/23/22	09/26/22	



## Sample Data

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

Project Name: Pure Federal #3  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
9/28/2022 3:33:12PM

## S.4

## E209128-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239089
Benzene	ND	0.0250	1	09/22/22	09/26/22	
Ethylbenzene	ND	0.0250	1	09/22/22	09/26/22	
Toluene	ND	0.0250	1	09/22/22	09/26/22	
o-Xylene	ND	0.0250	1	09/22/22	09/26/22	
p,m-Xylene	ND	0.0500	1	09/22/22	09/26/22	
Total Xylenes	ND	0.0250	1	09/22/22	09/26/22	
Surrogate: Bromofluorobenzene	97.3 %	70-130		09/22/22	09/26/22	
Surrogate: 1,2-Dichloroethane-d4	91.3 %	70-130		09/22/22	09/26/22	
Surrogate: Toluene-d8	99.5 %	70-130		09/22/22	09/26/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239089
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/22/22	09/26/22	
Surrogate: Bromofluorobenzene	97.3 %	70-130		09/22/22	09/26/22	
Surrogate: 1,2-Dichloroethane-d4	91.3 %	70-130		09/22/22	09/26/22	
Surrogate: Toluene-d8	99.5 %	70-130		09/22/22	09/26/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239101
Diesel Range Organics (C10-C28)	ND	25.0	1	09/26/22	09/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/26/22	09/26/22	
Surrogate: n-Nonane	96.3 %	50-200		09/26/22	09/26/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239109
Chloride	ND	20.0	1	09/23/22	09/26/22	



## Sample Data

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

Project Name: Pure Federal #3  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
9/28/2022 3:33:12PM

## S.5

## E209128-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239089
Benzene	ND	0.0250	1	09/22/22	09/26/22	
Ethylbenzene	ND	0.0250	1	09/22/22	09/26/22	
Toluene	ND	0.0250	1	09/22/22	09/26/22	
o-Xylene	ND	0.0250	1	09/22/22	09/26/22	
p,m-Xylene	ND	0.0500	1	09/22/22	09/26/22	
Total Xylenes	ND	0.0250	1	09/22/22	09/26/22	
Surrogate: Bromofluorobenzene	99.1 %	70-130		09/22/22	09/26/22	
Surrogate: 1,2-Dichloroethane-d4	94.3 %	70-130		09/22/22	09/26/22	
Surrogate: Toluene-d8	97.7 %	70-130		09/22/22	09/26/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239089
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/22/22	09/26/22	
Surrogate: Bromofluorobenzene	99.1 %	70-130		09/22/22	09/26/22	
Surrogate: 1,2-Dichloroethane-d4	94.3 %	70-130		09/22/22	09/26/22	
Surrogate: Toluene-d8	97.7 %	70-130		09/22/22	09/26/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239101
Diesel Range Organics (C10-C28)	ND	25.0	1	09/26/22	09/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/26/22	09/26/22	
Surrogate: n-Nonane	96.5 %	50-200		09/26/22	09/26/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239109
Chloride	ND	20.0	1	09/23/22	09/26/22	



## Sample Data

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

Project Name: Pure Federal #3  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
9/28/2022 3:33:12PM

## S.6

## E209128-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239089
Benzene	ND	0.0250	1	09/22/22	09/26/22	
Ethylbenzene	ND	0.0250	1	09/22/22	09/26/22	
Toluene	ND	0.0250	1	09/22/22	09/26/22	
o-Xylene	ND	0.0250	1	09/22/22	09/26/22	
p,m-Xylene	ND	0.0500	1	09/22/22	09/26/22	
Total Xylenes	ND	0.0250	1	09/22/22	09/26/22	
Surrogate: Bromofluorobenzene	99.7 %	70-130		09/22/22	09/26/22	
Surrogate: 1,2-Dichloroethane-d4	88.2 %	70-130		09/22/22	09/26/22	
Surrogate: Toluene-d8	99.1 %	70-130		09/22/22	09/26/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239089
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/22/22	09/26/22	
Surrogate: Bromofluorobenzene	99.7 %	70-130		09/22/22	09/26/22	
Surrogate: 1,2-Dichloroethane-d4	88.2 %	70-130		09/22/22	09/26/22	
Surrogate: Toluene-d8	99.1 %	70-130		09/22/22	09/26/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239101
Diesel Range Organics (C10-C28)	ND	25.0	1	09/26/22	09/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/26/22	09/26/22	
Surrogate: n-Nonane	91.6 %	50-200		09/26/22	09/26/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239109
Chloride	ND	20.0	1	09/23/22	09/26/22	



## Sample Data

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

Project Name: Pure Federal #3  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
9/28/2022 3:33:12PM

S.7

E209128-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239089
Benzene	ND	0.0250	1	09/22/22	09/26/22	
Ethylbenzene	ND	0.0250	1	09/22/22	09/26/22	
Toluene	ND	0.0250	1	09/22/22	09/26/22	
o-Xylene	ND	0.0250	1	09/22/22	09/26/22	
p,m-Xylene	ND	0.0500	1	09/22/22	09/26/22	
Total Xylenes	ND	0.0250	1	09/22/22	09/26/22	
Surrogate: Bromofluorobenzene	99.4 %	70-130		09/22/22	09/26/22	
Surrogate: 1,2-Dichloroethane-d4	89.2 %	70-130		09/22/22	09/26/22	
Surrogate: Toluene-d8	98.2 %	70-130		09/22/22	09/26/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239089
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/22/22	09/26/22	
Surrogate: Bromofluorobenzene	99.4 %	70-130		09/22/22	09/26/22	
Surrogate: 1,2-Dichloroethane-d4	89.2 %	70-130		09/22/22	09/26/22	
Surrogate: Toluene-d8	98.2 %	70-130		09/22/22	09/26/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239101
Diesel Range Organics (C10-C28)	ND	25.0	1	09/26/22	09/27/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/26/22	09/27/22	
Surrogate: n-Nonane	92.6 %	50-200		09/26/22	09/27/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239109
Chloride	ND	20.0	1	09/23/22	09/26/22	



## Sample Data

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

Project Name: Pure Federal #3  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
9/28/2022 3:33:12PM

S.8

E209128-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239089
Benzene	ND	0.0250	1	09/22/22	09/26/22	
Ethylbenzene	ND	0.0250	1	09/22/22	09/26/22	
Toluene	ND	0.0250	1	09/22/22	09/26/22	
o-Xylene	ND	0.0250	1	09/22/22	09/26/22	
p,m-Xylene	ND	0.0500	1	09/22/22	09/26/22	
Total Xylenes	ND	0.0250	1	09/22/22	09/26/22	
Surrogate: Bromofluorobenzene	97.5 %	70-130		09/22/22	09/26/22	
Surrogate: 1,2-Dichloroethane-d4	95.3 %	70-130		09/22/22	09/26/22	
Surrogate: Toluene-d8	97.6 %	70-130		09/22/22	09/26/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239089
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/22/22	09/26/22	
Surrogate: Bromofluorobenzene	97.5 %	70-130		09/22/22	09/26/22	
Surrogate: 1,2-Dichloroethane-d4	95.3 %	70-130		09/22/22	09/26/22	
Surrogate: Toluene-d8	97.6 %	70-130		09/22/22	09/26/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239101
Diesel Range Organics (C10-C28)	ND	25.0	1	09/26/22	09/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/26/22	09/26/22	
Surrogate: n-Nonane	102 %	50-200		09/26/22	09/26/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239109
Chloride	ND	20.0	1	09/23/22	09/26/22	



## Sample Data

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

Project Name: Pure Federal #3  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
9/28/2022 3:33:12PM

## S.9

## E209128-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239089
Benzene	ND	0.0250	1	09/22/22	09/26/22	
Ethylbenzene	ND	0.0250	1	09/22/22	09/26/22	
Toluene	ND	0.0250	1	09/22/22	09/26/22	
o-Xylene	ND	0.0250	1	09/22/22	09/26/22	
p,m-Xylene	ND	0.0500	1	09/22/22	09/26/22	
Total Xylenes	ND	0.0250	1	09/22/22	09/26/22	
Surrogate: Bromofluorobenzene	98.0 %	70-130		09/22/22	09/26/22	
Surrogate: 1,2-Dichloroethane-d4	91.5 %	70-130		09/22/22	09/26/22	
Surrogate: Toluene-d8	98.8 %	70-130		09/22/22	09/26/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239089
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/22/22	09/26/22	
Surrogate: Bromofluorobenzene	98.0 %	70-130		09/22/22	09/26/22	
Surrogate: 1,2-Dichloroethane-d4	91.5 %	70-130		09/22/22	09/26/22	
Surrogate: Toluene-d8	98.8 %	70-130		09/22/22	09/26/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239101
Diesel Range Organics (C10-C28)	ND	25.0	1	09/26/22	09/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/26/22	09/26/22	
Surrogate: n-Nonane	102 %	50-200		09/26/22	09/26/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239109
Chloride	ND	20.0	1	09/23/22	09/27/22	



## Sample Data

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

Project Name: Pure Federal #3  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
9/28/2022 3:33:12PM

## SW1

## E209128-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239089
Benzene	ND	0.0250	1	09/22/22	09/26/22	
Ethylbenzene	ND	0.0250	1	09/22/22	09/26/22	
Toluene	ND	0.0250	1	09/22/22	09/26/22	
o-Xylene	ND	0.0250	1	09/22/22	09/26/22	
p,m-Xylene	ND	0.0500	1	09/22/22	09/26/22	
Total Xylenes	ND	0.0250	1	09/22/22	09/26/22	
Surrogate: Bromofluorobenzene	99.2 %	70-130		09/22/22	09/26/22	
Surrogate: 1,2-Dichloroethane-d4	91.8 %	70-130		09/22/22	09/26/22	
Surrogate: Toluene-d8	97.9 %	70-130		09/22/22	09/26/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239089
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/22/22	09/26/22	
Surrogate: Bromofluorobenzene	99.2 %	70-130		09/22/22	09/26/22	
Surrogate: 1,2-Dichloroethane-d4	91.8 %	70-130		09/22/22	09/26/22	
Surrogate: Toluene-d8	97.9 %	70-130		09/22/22	09/26/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239101
Diesel Range Organics (C10-C28)	ND	25.0	1	09/26/22	09/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/26/22	09/26/22	
Surrogate: n-Nonane	81.8 %	50-200		09/26/22	09/26/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239109
Chloride	ND	20.0	1	09/23/22	09/27/22	



## Sample Data

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

Project Name: Pure Federal #3  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
9/28/2022 3:33:12PM

## SW2

## E209128-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2239089	
Benzene	ND	0.0250	1	09/22/22	09/26/22	
Ethylbenzene	ND	0.0250	1	09/22/22	09/26/22	
Toluene	ND	0.0250	1	09/22/22	09/26/22	
o-Xylene	ND	0.0250	1	09/22/22	09/26/22	
p,m-Xylene	ND	0.0500	1	09/22/22	09/26/22	
Total Xylenes	ND	0.0250	1	09/22/22	09/26/22	
Surrogate: Bromofluorobenzene	99.7 %	70-130		09/22/22	09/26/22	
Surrogate: 1,2-Dichloroethane-d4	89.6 %	70-130		09/22/22	09/26/22	
Surrogate: Toluene-d8	98.6 %	70-130		09/22/22	09/26/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2239089	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/22/22	09/26/22	
Surrogate: Bromofluorobenzene	99.7 %	70-130		09/22/22	09/26/22	
Surrogate: 1,2-Dichloroethane-d4	89.6 %	70-130		09/22/22	09/26/22	
Surrogate: Toluene-d8	98.6 %	70-130		09/22/22	09/26/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2239101	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/26/22	09/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/26/22	09/26/22	
Surrogate: n-Nonane	103 %	50-200		09/26/22	09/26/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2239109	
Chloride	ND	20.0	1	09/23/22	09/27/22	



## Sample Data

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

Project Name: Pure Federal #3  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
9/28/2022 3:33:12PM

## SW3

## E209128-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2239089	
Benzene	ND	0.0250	1	09/22/22	09/27/22	
Ethylbenzene	ND	0.0250	1	09/22/22	09/27/22	
Toluene	ND	0.0250	1	09/22/22	09/27/22	
o-Xylene	ND	0.0250	1	09/22/22	09/27/22	
p,m-Xylene	ND	0.0500	1	09/22/22	09/27/22	
Total Xylenes	ND	0.0250	1	09/22/22	09/27/22	
Surrogate: Bromofluorobenzene	99.6 %	70-130		09/22/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4	88.5 %	70-130		09/22/22	09/27/22	
Surrogate: Toluene-d8	96.7 %	70-130		09/22/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2239089	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/22/22	09/27/22	
Surrogate: Bromofluorobenzene	99.6 %	70-130		09/22/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4	88.5 %	70-130		09/22/22	09/27/22	
Surrogate: Toluene-d8	96.7 %	70-130		09/22/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2239101	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/26/22	09/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/26/22	09/26/22	
Surrogate: n-Nonane	90.0 %	50-200		09/26/22	09/26/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2239109	
Chloride	ND	20.0	1	09/23/22	09/27/22	



## Sample Data

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

Project Name: Pure Federal #3  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
9/28/2022 3:33:12PM

## SW4

## E209128-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239089
Benzene	ND	0.0250	1	09/22/22	09/27/22	
Ethylbenzene	ND	0.0250	1	09/22/22	09/27/22	
Toluene	ND	0.0250	1	09/22/22	09/27/22	
o-Xylene	ND	0.0250	1	09/22/22	09/27/22	
p,m-Xylene	ND	0.0500	1	09/22/22	09/27/22	
Total Xylenes	ND	0.0250	1	09/22/22	09/27/22	
Surrogate: Bromofluorobenzene	99.2 %	70-130		09/22/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4	89.3 %	70-130		09/22/22	09/27/22	
Surrogate: Toluene-d8	96.8 %	70-130		09/22/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239089
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/22/22	09/27/22	
Surrogate: Bromofluorobenzene	99.2 %	70-130		09/22/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4	89.3 %	70-130		09/22/22	09/27/22	
Surrogate: Toluene-d8	96.8 %	70-130		09/22/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239101
Diesel Range Organics (C10-C28)	ND	25.0	1	09/26/22	09/27/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/26/22	09/27/22	
Surrogate: n-Nonane	165 %	50-200		09/26/22	09/27/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239109
Chloride	ND	20.0	1	09/23/22	09/27/22	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Pure Federal #3	<b>Reported:</b> 9/28/2022 3:33:12PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

BG1

E209128-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2239089	
Benzene	ND	0.0250	1	09/22/22	09/27/22	
Ethylbenzene	ND	0.0250	1	09/22/22	09/27/22	
Toluene	ND	0.0250	1	09/22/22	09/27/22	
o-Xylene	ND	0.0250	1	09/22/22	09/27/22	
p,m-Xylene	ND	0.0500	1	09/22/22	09/27/22	
Total Xylenes	ND	0.0250	1	09/22/22	09/27/22	
Surrogate: Bromofluorobenzene	98.2 %	70-130		09/22/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4	89.9 %	70-130		09/22/22	09/27/22	
Surrogate: Toluene-d8	97.9 %	70-130		09/22/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2239089	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/22/22	09/27/22	
Surrogate: Bromofluorobenzene	98.2 %	70-130		09/22/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4	89.9 %	70-130		09/22/22	09/27/22	
Surrogate: Toluene-d8	97.9 %	70-130		09/22/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2239101	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/26/22	09/27/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/26/22	09/27/22	
Surrogate: n-Nonane	186 %	50-200		09/26/22	09/27/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2239109	
Chloride	ND	20.0	1	09/23/22	09/27/22	



## Sample Data

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

Project Name: Pure Federal #3  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
9/28/2022 3:33:12PM

## BG2

## E209128-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239089
Benzene	ND	0.0250	1	09/22/22	09/27/22	
Ethylbenzene	ND	0.0250	1	09/22/22	09/27/22	
Toluene	ND	0.0250	1	09/22/22	09/27/22	
o-Xylene	ND	0.0250	1	09/22/22	09/27/22	
p,m-Xylene	ND	0.0500	1	09/22/22	09/27/22	
Total Xylenes	ND	0.0250	1	09/22/22	09/27/22	
Surrogate: Bromofluorobenzene	99.9 %	70-130		09/22/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4	89.2 %	70-130		09/22/22	09/27/22	
Surrogate: Toluene-d8	95.6 %	70-130		09/22/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239089
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/22/22	09/27/22	
Surrogate: Bromofluorobenzene	99.9 %	70-130		09/22/22	09/27/22	
Surrogate: 1,2-Dichloroethane-d4	89.2 %	70-130		09/22/22	09/27/22	
Surrogate: Toluene-d8	95.6 %	70-130		09/22/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2239101
Diesel Range Organics (C10-C28)	ND	25.0	1	09/26/22	09/27/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/26/22	09/27/22	
Surrogate: n-Nonane	142 %	50-200		09/26/22	09/27/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2239109
Chloride	ND	20.0	1	09/23/22	09/27/22	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Pure Federal #3	Reported:  9/28/2022 3:33:12PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2239089-BLK1)

Prepared: 09/22/22 Analyzed: 09/26/22

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	0.501		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.450		0.500		90.0	70-130			
Surrogate: Toluene-d8	0.488		0.500		97.5	70-130			

LCS (2239089-BS1)

Prepared: 09/22/22 Analyzed: 09/26/22

Benzene	1.81	0.0250	2.50		72.3	70-130			
Ethylbenzene	1.91	0.0250	2.50		76.5	70-130			
Toluene	1.78	0.0250	2.50		71.1	70-130			
o-Xylene	1.96	0.0250	2.50		78.5	70-130			
p,m-Xylene	3.83	0.0500	5.00		76.6	70-130			
Total Xylenes	5.79	0.0250	7.50		77.3	70-130			
Surrogate: Bromofluorobenzene	0.527		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.465		0.500		93.0	70-130			
Surrogate: Toluene-d8	0.495		0.500		99.0	70-130			

LCS Dup (2239089-BSD1)

Prepared: 09/22/22 Analyzed: 09/26/22

Benzene	2.06	0.0250	2.50		82.5	70-130	13.2	23	
Ethylbenzene	2.21	0.0250	2.50		88.3	70-130	14.4	27	
Toluene	2.05	0.0250	2.50		82.1	70-130	14.3	24	
o-Xylene	2.24	0.0250	2.50		89.5	70-130	13.0	27	
p,m-Xylene	4.39	0.0500	5.00		87.8	70-130	13.6	27	
Total Xylenes	6.63	0.0250	7.50		88.4	70-130	13.4	27	
Surrogate: Bromofluorobenzene	0.523		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.439		0.500		87.7	70-130			
Surrogate: Toluene-d8	0.497		0.500		99.4	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Pure Federal #3	Reported:  9/28/2022 3:33:12PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD % %	RPD Limit %	Notes
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Blank (2239089-BLK1) Prepared: 09/22/22 Analyzed: 09/26/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.501		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.450		0.500		90.0	70-130			
Surrogate: Toluene-d8	0.488		0.500		97.5	70-130			

LCS (2239089-BS2) Prepared: 09/22/22 Analyzed: 09/26/22

Gasoline Range Organics (C6-C10)	40.9	20.0	50.0		81.9	70-130			
Surrogate: Bromofluorobenzene	0.510		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.445		0.500		89.0	70-130			
Surrogate: Toluene-d8	0.505		0.500		101	70-130			

LCS Dup (2239089-BSD2) Prepared: 09/22/22 Analyzed: 09/26/22

Gasoline Range Organics (C6-C10)	43.1	20.0	50.0		86.3	70-130	5.27	20	
Surrogate: Bromofluorobenzene	0.523		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.461		0.500		92.2	70-130			
Surrogate: Toluene-d8	0.499		0.500		99.8	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Pure Federal #3	Reported:  9/28/2022 3:33:12PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2239101-BLK1)					Prepared: 09/26/22 Analyzed: 09/26/22				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	43.1		50.0		86.1	50-200			

LCS (2239101-BS1)					Prepared: 09/26/22 Analyzed: 09/26/22				
Diesel Range Organics (C10-C28)	259	25.0	250		104	38-132			
Surrogate: n-Nonane	45.6		50.0		91.1	50-200			

Matrix Spike (2239101-MS1)					Source: E209128-08		Prepared: 09/26/22 Analyzed: 09/26/22		
Diesel Range Organics (C10-C28)	284	25.0	250	ND	114	38-132			
Surrogate: n-Nonane	47.4		50.0		94.8	50-200			

Matrix Spike Dup (2239101-MSD1)					Source: E209128-08		Prepared: 09/26/22 Analyzed: 09/26/22		
Diesel Range Organics (C10-C28)	263	25.0	250	ND	105	38-132	7.73	20	
Surrogate: n-Nonane	59.0		50.0		118	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Pure Federal #3	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/28/2022 3:33:12PM

Anions by EPA 300.0/9056A

Analyst: RAS

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

Blank (2239109-BLK1)					Prepared: 09/23/22 Analyzed: 09/26/22				
Chloride	ND	20.0							
LCS (2239109-BS1)					Prepared: 09/23/22 Analyzed: 09/26/22				
Chloride	246	20.0	250		98.5	90-110			
Matrix Spike (2239109-MS1)					Source: E209128-01		Prepared: 09/23/22 Analyzed: 09/26/22		
Chloride	259	20.0	250	ND	104	80-120			
Matrix Spike Dup (2239109-MSD1)					Source: E209128-01		Prepared: 09/23/22 Analyzed: 09/26/22		
Chloride	259	20.0	250	ND	104	80-120	0.104	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:	Pure Federal #3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	09/28/22 15:33

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

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

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



## Project Information

## Chain of Custody

Page 1 of 2

Client: <u>Pima Environmental Services</u>					Bill To		Lab Use Only		TAT				EPA Program			
Project: <u>Pure Federal #3</u>					Attention: <u>Devon Energy</u>		Lab WO# <u>E209128</u>		Job Number <u>01058-0007</u>		1D	2D	3D	Standard	CWA	SDWA
Project Manager: <u>Tom Bynum</u>					Address:									X		
Address: <u>5614 N. Lovington Hwy.</u>					City, State, Zip											RCRA
City, State, Zip <u>Hobbs, NM, 88240</u>					Phone:											
Phone: <u>580-748-1613</u>					Email:											
Email: <u>tom@pimaoil.com</u>					Pima Project # <u>65</u>											
Report due by:																
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	State	Remarks	
10:00	9/20/22	S	1	S.1	1							X		NM		
10:05				S.2	2									CO		
10:10				S.3	3									UT		
10:15				S.4	4									AZ		
10:20				S.5	5									TX		
10:25				S.6	6											
10:30				S.7	7											
10:35				S.8	8											
10:40				S.9	9											
10:45				SW1	10											
Additional Instructions: <u>Billing# 20932936</u>																
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.										Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.						
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only								
<u>Alexandra Sanders</u>		<u>9/20/22</u>	<u>2:45</u>	<u>[Signature]</u>		<u>9-21-22</u>	<u>2:00p</u>	Received on ice: <u>(Y) N</u>								
<u>[Signature]</u>		<u>9-21-22</u>	<u>4:15</u>	<u>[Signature]</u>		<u>9/22/22</u>	<u>10:30</u>	T1 _____ T2 _____ T3 _____								
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	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.																

## Chain of Custody

Page 27 of 28

## Envirotech Analytical Laboratory

Printed: 9/22/2022 11:16:05AM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	09/22/22 10:30	Work Order ID:	E209128
Phone:	(575) 631-6977	Date Logged In:	09/21/22 16:16	Logged In By:	Caitlin Christian
Email:	tom@pimaoil.com	Due Date:	09/28/22 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: UPSComments/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: Pure Fed #3

Work Order: E210012

Job Number: 01058-0007

Received: 10/4/2022

Revision: 2

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
10/11/22

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.  
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 10/11/22

Tom Bynum  
PO Box 247  
Plains, TX 79355-0247



Project Name: Pure Fed #3  
Workorder: E210012  
Date Received: 10/4/2022 11:20:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/4/2022 11:20:00AM, under the Project Name: Pure Fed #3.

The analytical test results summarized in this report with the Project Name: Pure Fed #3 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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

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

Field Offices:

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

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

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

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Pure Fed #3	Reported:  10/11/22 09:51
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
S-1	E210012-01A	Soil	09/30/22	10/04/22	Glass Jar, 4 oz.
S-2	E210012-02A	Soil	09/30/22	10/04/22	Glass Jar, 4 oz.
S-3	E210012-03A	Soil	09/30/22	10/04/22	Glass Jar, 4 oz.
S-4	E210012-04A	Soil	09/30/22	10/04/22	Glass Jar, 4 oz.
S-5	E210012-05A	Soil	09/30/22	10/04/22	Glass Jar, 4 oz.
S-6	E210012-06A	Soil	09/30/22	10/04/22	Glass Jar, 4 oz.
S-7	E210012-07A	Soil	09/30/22	10/04/22	Glass Jar, 4 oz.
S-8	E210012-08A	Soil	09/30/22	10/04/22	Glass Jar, 4 oz.
S-9	E210012-09A	Soil	09/30/22	10/04/22	Glass Jar, 4 oz.



## Sample Data

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

Project Name: Pure Fed #3  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
10/11/2022 9:51:37AM

## S-1

## E210012-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2241072
Benzene	ND	0.0250	1	10/05/22	10/08/22	
Ethylbenzene	ND	0.0250	1	10/05/22	10/08/22	
Toluene	ND	0.0250	1	10/05/22	10/08/22	
o-Xylene	ND	0.0250	1	10/05/22	10/08/22	
p,m-Xylene	ND	0.0500	1	10/05/22	10/08/22	
Total Xylenes	ND	0.0250	1	10/05/22	10/08/22	
Surrogate: Bromofluorobenzene	94.2 %	70-130		10/05/22	10/08/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		10/05/22	10/08/22	
Surrogate: Toluene-d8	97.7 %	70-130		10/05/22	10/08/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2241072
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/05/22	10/08/22	
Surrogate: Bromofluorobenzene	94.2 %	70-130		10/05/22	10/08/22	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		10/05/22	10/08/22	
Surrogate: Toluene-d8	97.7 %	70-130		10/05/22	10/08/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2241079
Diesel Range Organics (C10-C28)	ND	25.0	1	10/06/22	10/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/06/22	10/08/22	
Surrogate: n-Nonane	123 %	50-200		10/06/22	10/08/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2241094
Chloride	ND	20.0	1	10/06/22	10/08/22	



## Sample Data

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

Project Name: Pure Fed #3  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
10/11/2022 9:51:37AM

S-2

E210012-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2241072
Benzene	ND	0.0250	1	10/05/22	10/08/22	
Ethylbenzene	ND	0.0250	1	10/05/22	10/08/22	
Toluene	ND	0.0250	1	10/05/22	10/08/22	
o-Xylene	ND	0.0250	1	10/05/22	10/08/22	
p,m-Xylene	ND	0.0500	1	10/05/22	10/08/22	
Total Xylenes	ND	0.0250	1	10/05/22	10/08/22	
Surrogate: Bromofluorobenzene	93.6 %	70-130		10/05/22	10/08/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		10/05/22	10/08/22	
Surrogate: Toluene-d8	97.3 %	70-130		10/05/22	10/08/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2241072
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/05/22	10/08/22	
Surrogate: Bromofluorobenzene	93.6 %	70-130		10/05/22	10/08/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		10/05/22	10/08/22	
Surrogate: Toluene-d8	97.3 %	70-130		10/05/22	10/08/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2241079
Diesel Range Organics (C10-C28)	ND	25.0	1	10/06/22	10/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/06/22	10/08/22	
Surrogate: n-Nonane	127 %	50-200		10/06/22	10/08/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2241094
Chloride	ND	20.0	1	10/06/22	10/08/22	



## Sample Data

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

Project Name: Pure Fed #3  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
10/11/2022 9:51:37AM

S-3

E210012-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2241072
Benzene	ND	0.0250	1	10/05/22	10/08/22	
Ethylbenzene	ND	0.0250	1	10/05/22	10/08/22	
Toluene	ND	0.0250	1	10/05/22	10/08/22	
o-Xylene	ND	0.0250	1	10/05/22	10/08/22	
p,m-Xylene	ND	0.0500	1	10/05/22	10/08/22	
Total Xylenes	ND	0.0250	1	10/05/22	10/08/22	
Surrogate: Bromofluorobenzene	93.5 %	70-130		10/05/22	10/08/22	
Surrogate: 1,2-Dichloroethane-d4	98.2 %	70-130		10/05/22	10/08/22	
Surrogate: Toluene-d8	97.7 %	70-130		10/05/22	10/08/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2241072
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/05/22	10/08/22	
Surrogate: Bromofluorobenzene	93.5 %	70-130		10/05/22	10/08/22	
Surrogate: 1,2-Dichloroethane-d4	98.2 %	70-130		10/05/22	10/08/22	
Surrogate: Toluene-d8	97.7 %	70-130		10/05/22	10/08/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2241079
Diesel Range Organics (C10-C28)	ND	25.0	1	10/06/22	10/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/06/22	10/08/22	
Surrogate: n-Nonane	97.9 %	50-200		10/06/22	10/08/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2241094
Chloride	ND	20.0	1	10/06/22	10/08/22	



## Sample Data

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

Project Name: Pure Fed #3  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
10/11/2022 9:51:37AM

S-4

E210012-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2241072
Benzene	ND	0.0250	1	10/05/22	10/08/22	
Ethylbenzene	ND	0.0250	1	10/05/22	10/08/22	
Toluene	ND	0.0250	1	10/05/22	10/08/22	
o-Xylene	ND	0.0250	1	10/05/22	10/08/22	
p,m-Xylene	ND	0.0500	1	10/05/22	10/08/22	
Total Xylenes	ND	0.0250	1	10/05/22	10/08/22	
Surrogate: Bromofluorobenzene	93.7 %	70-130		10/05/22	10/08/22	
Surrogate: 1,2-Dichloroethane-d4	99.1 %	70-130		10/05/22	10/08/22	
Surrogate: Toluene-d8	96.2 %	70-130		10/05/22	10/08/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2241072
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/05/22	10/08/22	
Surrogate: Bromofluorobenzene	93.7 %	70-130		10/05/22	10/08/22	
Surrogate: 1,2-Dichloroethane-d4	99.1 %	70-130		10/05/22	10/08/22	
Surrogate: Toluene-d8	96.2 %	70-130		10/05/22	10/08/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2241079
Diesel Range Organics (C10-C28)	ND	25.0	1	10/06/22	10/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/06/22	10/08/22	
Surrogate: n-Nonane	110 %	50-200		10/06/22	10/08/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2241094
Chloride	ND	20.0	1	10/06/22	10/08/22	



## Sample Data

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

Project Name: Pure Fed #3  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
10/11/2022 9:51:37AM

S-5

E210012-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2241072
Benzene	ND	0.0250	1	10/05/22	10/08/22	
Ethylbenzene	ND	0.0250	1	10/05/22	10/08/22	
Toluene	ND	0.0250	1	10/05/22	10/08/22	
o-Xylene	ND	0.0250	1	10/05/22	10/08/22	
p,m-Xylene	ND	0.0500	1	10/05/22	10/08/22	
Total Xylenes	ND	0.0250	1	10/05/22	10/08/22	
Surrogate: Bromofluorobenzene	94.3 %	70-130		10/05/22	10/08/22	
Surrogate: 1,2-Dichloroethane-d4	97.4 %	70-130		10/05/22	10/08/22	
Surrogate: Toluene-d8	97.6 %	70-130		10/05/22	10/08/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2241072
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/05/22	10/08/22	
Surrogate: Bromofluorobenzene	94.3 %	70-130		10/05/22	10/08/22	
Surrogate: 1,2-Dichloroethane-d4	97.4 %	70-130		10/05/22	10/08/22	
Surrogate: Toluene-d8	97.6 %	70-130		10/05/22	10/08/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2241079
Diesel Range Organics (C10-C28)	ND	25.0	1	10/06/22	10/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/06/22	10/08/22	
Surrogate: n-Nonane	115 %	50-200		10/06/22	10/08/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2241094
Chloride	ND	20.0	1	10/06/22	10/08/22	



## Sample Data

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

Project Name: Pure Fed #3  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
10/11/2022 9:51:37AM

S-6

E210012-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2241072
Benzene	ND	0.0250	1	10/05/22	10/08/22	
Ethylbenzene	ND	0.0250	1	10/05/22	10/08/22	
Toluene	ND	0.0250	1	10/05/22	10/08/22	
o-Xylene	ND	0.0250	1	10/05/22	10/08/22	
p,m-Xylene	ND	0.0500	1	10/05/22	10/08/22	
Total Xylenes	ND	0.0250	1	10/05/22	10/08/22	
Surrogate: Bromofluorobenzene	93.2 %	70-130		10/05/22	10/08/22	
Surrogate: 1,2-Dichloroethane-d4	95.8 %	70-130		10/05/22	10/08/22	
Surrogate: Toluene-d8	98.8 %	70-130		10/05/22	10/08/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2241072
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/05/22	10/08/22	
Surrogate: Bromofluorobenzene	93.2 %	70-130		10/05/22	10/08/22	
Surrogate: 1,2-Dichloroethane-d4	95.8 %	70-130		10/05/22	10/08/22	
Surrogate: Toluene-d8	98.8 %	70-130		10/05/22	10/08/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2241079
Diesel Range Organics (C10-C28)	ND	25.0	1	10/06/22	10/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/06/22	10/08/22	
Surrogate: n-Nonane	121 %	50-200		10/06/22	10/08/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2241094
Chloride	ND	20.0	1	10/06/22	10/08/22	



## Sample Data

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

Project Name: Pure Fed #3  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
10/11/2022 9:51:37AM

S-7

E210012-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2241072
Benzene	ND	0.0250	1	10/05/22	10/08/22	
Ethylbenzene	ND	0.0250	1	10/05/22	10/08/22	
Toluene	ND	0.0250	1	10/05/22	10/08/22	
o-Xylene	ND	0.0250	1	10/05/22	10/08/22	
p,m-Xylene	ND	0.0500	1	10/05/22	10/08/22	
Total Xylenes	ND	0.0250	1	10/05/22	10/08/22	
Surrogate: Bromofluorobenzene	94.2 %	70-130		10/05/22	10/08/22	
Surrogate: 1,2-Dichloroethane-d4	97.7 %	70-130		10/05/22	10/08/22	
Surrogate: Toluene-d8	96.7 %	70-130		10/05/22	10/08/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2241072
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/05/22	10/08/22	
Surrogate: Bromofluorobenzene	94.2 %	70-130		10/05/22	10/08/22	
Surrogate: 1,2-Dichloroethane-d4	97.7 %	70-130		10/05/22	10/08/22	
Surrogate: Toluene-d8	96.7 %	70-130		10/05/22	10/08/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2241079
Diesel Range Organics (C10-C28)	ND	25.0	1	10/06/22	10/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/06/22	10/08/22	
Surrogate: n-Nonane	80.8 %	50-200		10/06/22	10/08/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2241094
Chloride	ND	20.0	1	10/06/22	10/08/22	



## Sample Data

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

Project Name: Pure Fed #3  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
10/11/2022 9:51:37AM

S-8

E210012-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2241072
Benzene	ND	0.0250	1	10/05/22	10/08/22	
Ethylbenzene	ND	0.0250	1	10/05/22	10/08/22	
Toluene	ND	0.0250	1	10/05/22	10/08/22	
o-Xylene	ND	0.0250	1	10/05/22	10/08/22	
p,m-Xylene	ND	0.0500	1	10/05/22	10/08/22	
Total Xylenes	ND	0.0250	1	10/05/22	10/08/22	
Surrogate: Bromofluorobenzene	93.0 %	70-130		10/05/22	10/08/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		10/05/22	10/08/22	
Surrogate: Toluene-d8	99.2 %	70-130		10/05/22	10/08/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2241072
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/05/22	10/08/22	
Surrogate: Bromofluorobenzene	93.0 %	70-130		10/05/22	10/08/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		10/05/22	10/08/22	
Surrogate: Toluene-d8	99.2 %	70-130		10/05/22	10/08/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2241079
Diesel Range Organics (C10-C28)	ND	25.0	1	10/06/22	10/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/06/22	10/08/22	
Surrogate: n-Nonane	119 %	50-200		10/06/22	10/08/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2241094
Chloride	ND	20.0	1	10/06/22	10/08/22	



## Sample Data

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

Project Name: Pure Fed #3  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
10/11/2022 9:51:37AM

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E210012-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2241072
Benzene	ND	0.0250	1	10/05/22	10/08/22	
Ethylbenzene	ND	0.0250	1	10/05/22	10/08/22	
Toluene	ND	0.0250	1	10/05/22	10/08/22	
o-Xylene	ND	0.0250	1	10/05/22	10/08/22	
p,m-Xylene	ND	0.0500	1	10/05/22	10/08/22	
Total Xylenes	ND	0.0250	1	10/05/22	10/08/22	
Surrogate: Bromofluorobenzene	96.7 %	70-130		10/05/22	10/08/22	
Surrogate: 1,2-Dichloroethane-d4	99.1 %	70-130		10/05/22	10/08/22	
Surrogate: Toluene-d8	98.1 %	70-130		10/05/22	10/08/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2241072
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/05/22	10/08/22	
Surrogate: Bromofluorobenzene	96.7 %	70-130		10/05/22	10/08/22	
Surrogate: 1,2-Dichloroethane-d4	99.1 %	70-130		10/05/22	10/08/22	
Surrogate: Toluene-d8	98.1 %	70-130		10/05/22	10/08/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2241079
Diesel Range Organics (C10-C28)	ND	25.0	1	10/06/22	10/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/06/22	10/08/22	
Surrogate: n-Nonane	132 %	50-200		10/06/22	10/08/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2241094
Chloride	ND	20.0	1	10/06/22	10/08/22	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Pure Fed #3	Reported:  10/11/2022 9:51:37AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2241072-BLK1)

Prepared: 10/05/22 Analyzed: 10/08/22

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	0.471		0.500		94.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.510		0.500		102	70-130			
Surrogate: Toluene-d8	0.486		0.500		97.1	70-130			

LCS (2241072-BS1)

Prepared: 10/05/22 Analyzed: 10/10/22

Benzene	2.16	0.0250	2.50		86.5	70-130			
Ethylbenzene	2.07	0.0250	2.50		82.9	70-130			
Toluene	2.05	0.0250	2.50		82.2	70-130			
o-Xylene	2.09	0.0250	2.50		83.5	70-130			
p,m-Xylene	4.17	0.0500	5.00		83.3	70-130			
Total Xylenes	6.25	0.0250	7.50		83.4	70-130			
Surrogate: Bromofluorobenzene	0.496		0.500		99.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.514		0.500		103	70-130			
Surrogate: Toluene-d8	0.473		0.500		94.6	70-130			

LCS Dup (2241072-BSD1)

Prepared: 10/05/22 Analyzed: 10/08/22

Benzene	2.13	0.0250	2.50		85.1	70-130	1.59	23	
Ethylbenzene	2.03	0.0250	2.50		81.3	70-130	1.97	27	
Toluene	2.04	0.0250	2.50		81.7	70-130	0.635	24	
o-Xylene	2.07	0.0250	2.50		82.7	70-130	0.939	27	
p,m-Xylene	4.04	0.0500	5.00		80.7	70-130	3.13	27	
Total Xylenes	6.10	0.0250	7.50		81.4	70-130	2.40	27	
Surrogate: Bromofluorobenzene	0.496		0.500		99.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.507		0.500		101	70-130			
Surrogate: Toluene-d8	0.477		0.500		95.3	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Pure Fed #3	Reported:  10/11/2022 9:51:37AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2241072-BLK1) Prepared: 10/05/22 Analyzed: 10/08/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.471		0.500		94.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.510		0.500		102	70-130			
Surrogate: Toluene-d8	0.486		0.500		97.1	70-130			

LCS (2241072-BS2) Prepared: 10/05/22 Analyzed: 10/08/22

Gasoline Range Organics (C6-C10)	45.4	20.0	50.0		90.9	70-130			
Surrogate: Bromofluorobenzene	0.487		0.500		97.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.511		0.500		102	70-130			
Surrogate: Toluene-d8	0.472		0.500		94.4	70-130			

LCS Dup (2241072-BSD2) Prepared: 10/05/22 Analyzed: 10/08/22

Gasoline Range Organics (C6-C10)	44.3	20.0	50.0		88.6	70-130	2.51	20	
Surrogate: Bromofluorobenzene	0.482		0.500		96.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.520		0.500		104	70-130			
Surrogate: Toluene-d8	0.479		0.500		95.8	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Pure Fed #3	Reported:  10/11/2022 9:51:37AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2241079-BLK1)					Prepared: 10/06/22 Analyzed: 10/07/22				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	58.5		50.0		117	50-200			

LCS (2241079-BS1)					Prepared: 10/06/22 Analyzed: 10/07/22				
Diesel Range Organics (C10-C28)	256	25.0	250		102	38-132			
Surrogate: n-Nonane	56.7		50.0		113	50-200			

Matrix Spike (2241079-MS1)					Source: E210012-09		Prepared: 10/06/22 Analyzed: 10/07/22		
Diesel Range Organics (C10-C28)	168	25.0	250	ND	67.3	38-132			
Surrogate: n-Nonane	42.5		50.0		84.9	50-200			

Matrix Spike Dup (2241079-MSD1)					Source: E210012-09		Prepared: 10/06/22 Analyzed: 10/07/22		
Diesel Range Organics (C10-C28)	272	25.0	250	ND	109	38-132	47.1	20	R3
Surrogate: n-Nonane	55.9		50.0		112	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Pure Fed #3	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/11/2022 9:51:37AM

Anions by EPA 300.0/9056A

Analyst: RAS

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

Blank (2241094-BLK1)					Prepared: 10/06/22 Analyzed: 10/08/22				
Chloride	ND	20.0							
LCS (2241094-BS1)					Prepared: 10/06/22 Analyzed: 10/08/22				
Chloride	249	20.0	250		99.4	90-110			
Matrix Spike (2241094-MS1)					Source: E210011-21		Prepared: 10/06/22 Analyzed: 10/08/22		
Chloride	248	20.0	250	ND	99.2	80-120			
Matrix Spike Dup (2241094-MSD1)					Source: E210011-21		Prepared: 10/06/22 Analyzed: 10/08/22		
Chloride	248	20.0	250	ND	99.1	80-120	0.100	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:	Pure Fed #3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/11/22 09:51

- R3        The RPD exceeded the acceptance limit. LCS spike recovery met acceptance criteria.
- ND        Analyte NOT DETECTED at or above the reporting limit
- NR        Not Reported
- RPD       Relative Percent Difference
- DNI       Did Not Ignite

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

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



## Project Information

## Chain of Custody

Page 1 of 1

<b>Client:</b> Pima Environmental Services <b>Project:</b> Pure Fed #3 <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> <u>Dawn Energy</u> <b>Address:</b> <b>City, State, Zip:</b> <b>Phone:</b> <b>Email:</b> <b>Pima Project #</b> <u>1-65</u>					<b>Lab Use Only</b> <b>Lab WO#</b> <u>E210012</u> <b>Job Number</b> <u>01028-0007</u> <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 X				<b>Remarks</b>						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number															
8:00	9/30/22	S	1	S-1	1															
8:05				S-2	2															
8:10				S-3	3															
8:15				S-4	4															
8:20				S-5	5															
8:25				S-6	6															
8:30				S-7	7															
8:35				S-8	8															
8:40				S-9	9															
<b>Additional Instructions:</b> <u>B.71 To Dawn Energy: 20932936</u>																				
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.										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/N</u> T1 T2 T3 AVG Temp °C <u>4</u>								
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time										
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time										
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: 10/4/2022 12:46:12PM

## 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:	10/04/22 11:20	Work Order ID:	E210012
Phone:	(575) 631-6977	Date Logged In:	10/04/22 09:31	Logged In By:	Alexa Michaels
Email:	tom@pimaoil.com	Due Date:	10/10/22 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: UPSComments/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.



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

June 11, 2024

GIO GOMEZ

PIMA ENVIROMENTAL

1601 N TURNER STE. 500

HOBBS, NM 88240

RE: PURE FEDERAL # 3

Enclosed are the results of analyses for samples received by the laboratory on 06/10/24 14:57.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
GIO GOMEZ  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 06/10/2024  
Reported: 06/11/2024  
Project Name: PURE FEDERAL # 3  
Project Number: R1 - 65  
Project Location: DEVON - EDDY CO NM

Sampling Date: 05/31/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: CS 1 - 1' (H243304-01)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/10/2024	ND	1.76	88.0	2.00	0.0592	
Toluene*	<0.050	0.050	06/10/2024	ND	1.74	87.2	2.00	0.404	
Ethylbenzene*	<0.050	0.050	06/10/2024	ND	1.77	88.4	2.00	0.515	
Total Xylenes*	<0.150	0.150	06/10/2024	ND	5.12	85.4	6.00	0.691	
Total BTX	<0.300	0.300	06/10/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 88.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/11/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	190	94.9	200	1.09	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	182	91.1	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 86.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
GIO GOMEZ  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 06/10/2024  
Reported: 06/11/2024  
Project Name: PURE FEDERAL # 3  
Project Number: R1 - 65  
Project Location: DEVON - EDDY CO NM

Sampling Date: 05/31/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: CS 2 - 1' (H243304-02)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/10/2024	ND	1.76	88.0	2.00	0.0592		
Toluene*	<0.050	0.050	06/10/2024	ND	1.74	87.2	2.00	0.404		
Ethylbenzene*	<0.050	0.050	06/10/2024	ND	1.77	88.4	2.00	0.515		
Total Xylenes*	<0.150	0.150	06/10/2024	ND	5.12	85.4	6.00	0.691		
Total BTEX	<0.300	0.300	06/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/11/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	190	94.9	200	1.09	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	182	91.1	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 89.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
GIO GOMEZ  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 06/10/2024  
Reported: 06/11/2024  
Project Name: PURE FEDERAL # 3  
Project Number: R1 - 65  
Project Location: DEVON - EDDY CO NM

Sampling Date: 05/31/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: CS 3 - 1' (H243304-03)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/10/2024	ND	1.76	88.0	2.00	0.0592	
Toluene*	<0.050	0.050	06/10/2024	ND	1.74	87.2	2.00	0.404	
Ethylbenzene*	<0.050	0.050	06/10/2024	ND	1.77	88.4	2.00	0.515	
Total Xylenes*	<0.150	0.150	06/10/2024	ND	5.12	85.4	6.00	0.691	
Total BTEx	<0.300	0.300	06/10/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 88.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/11/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	190	94.9	200	1.09	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	182	91.1	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 89.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
GIO GOMEZ  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 06/10/2024  
Reported: 06/11/2024  
Project Name: PURE FEDERAL # 3  
Project Number: R1 - 65  
Project Location: DEVON - EDDY CO NM

Sampling Date: 05/31/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: CS 4 - 1' (H243304-04)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/10/2024	ND	1.76	88.0	2.00	0.0592		
Toluene*	<0.050	0.050	06/10/2024	ND	1.74	87.2	2.00	0.404		
Ethylbenzene*	<0.050	0.050	06/10/2024	ND	1.77	88.4	2.00	0.515		
Total Xylenes*	<0.150	0.150	06/10/2024	ND	5.12	85.4	6.00	0.691		
Total BTEX	<0.300	0.300	06/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/11/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	190	94.9	200	1.09	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	182	91.1	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
GIO GOMEZ  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 06/10/2024  
Reported: 06/11/2024  
Project Name: PURE FEDERAL # 3  
Project Number: R1 - 65  
Project Location: DEVON - EDDY CO NM

Sampling Date: 05/31/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: CS 5 - 1' (H243304-05)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/10/2024	ND	1.76	88.0	2.00	0.0592		
Toluene*	<0.050	0.050	06/10/2024	ND	1.74	87.2	2.00	0.404		
Ethylbenzene*	<0.050	0.050	06/10/2024	ND	1.77	88.4	2.00	0.515		
Total Xylenes*	<0.150	0.150	06/10/2024	ND	5.12	85.4	6.00	0.691		
Total BTEX	<0.300	0.300	06/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/11/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	190	94.9	200	1.09	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	182	91.1	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 88.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
GIO GOMEZ  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 06/10/2024  
Reported: 06/11/2024  
Project Name: PURE FEDERAL # 3  
Project Number: R1 - 65  
Project Location: DEVON - EDDY CO NM

Sampling Date: 05/31/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: CS 6 - 1' (H243304-06)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/10/2024	ND	1.76	88.0	2.00	0.0592		
Toluene*	<0.050	0.050	06/10/2024	ND	1.74	87.2	2.00	0.404		
Ethylbenzene*	<0.050	0.050	06/10/2024	ND	1.77	88.4	2.00	0.515		
Total Xylenes*	<0.150	0.150	06/10/2024	ND	5.12	85.4	6.00	0.691		
Total BTEX	<0.300	0.300	06/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/11/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	190	94.9	200	1.09	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	182	91.1	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 89.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
GIO GOMEZ  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 06/10/2024  
Reported: 06/11/2024  
Project Name: PURE FEDERAL # 3  
Project Number: R1 - 65  
Project Location: DEVON - EDDY CO NM

Sampling Date: 05/31/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: CS 7 - 1' (H243304-07)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/11/2024	ND	1.76	88.0	2.00	0.0592		
Toluene*	<0.050	0.050	06/11/2024	ND	1.74	87.2	2.00	0.404		
Ethylbenzene*	<0.050	0.050	06/11/2024	ND	1.77	88.4	2.00	0.515		
Total Xylenes*	<0.150	0.150	06/11/2024	ND	5.12	85.4	6.00	0.691		
Total BTEX	<0.300	0.300	06/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/11/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	190	94.9	200	1.09	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	182	91.1	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
GIO GOMEZ  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 06/10/2024  
Reported: 06/11/2024  
Project Name: PURE FEDERAL # 3  
Project Number: R1 - 65  
Project Location: DEVON - EDDY CO NM

Sampling Date: 05/31/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: CSW 1 - 1' (H243304-08)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/10/2024	ND	1.85	92.7	2.00	2.04		
Toluene*	<0.050	0.050	06/10/2024	ND	1.99	99.4	2.00	2.31		
Ethylbenzene*	<0.050	0.050	06/10/2024	ND	2.00	100	2.00	2.05		
Total Xylenes*	<0.150	0.150	06/10/2024	ND	6.18	103	6.00	2.20		
Total BTEx	<0.300	0.300	06/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/11/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/10/2024	ND	223	111	200	2.75	
DRO >C10-C28*	<10.0	10.0	06/10/2024	ND	230	115	200	2.33	
EXT DRO >C28-C36	<10.0	10.0	06/10/2024	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
GIO GOMEZ  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 06/10/2024  
Reported: 06/11/2024  
Project Name: PURE FEDERAL # 3  
Project Number: R1 - 65  
Project Location: DEVON - EDDY CO NM

Sampling Date: 05/31/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: CSW 2 - 1' (H243304-09)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/10/2024	ND	1.85	92.7	2.00	2.04		
Toluene*	<0.050	0.050	06/10/2024	ND	1.99	99.4	2.00	2.31		
Ethylbenzene*	<0.050	0.050	06/10/2024	ND	2.00	100	2.00	2.05		
Total Xylenes*	<0.150	0.150	06/10/2024	ND	6.18	103	6.00	2.20		
Total BTEx	<0.300	0.300	06/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/11/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/10/2024	ND	223	111	200	2.75	
DRO >C10-C28*	<10.0	10.0	06/10/2024	ND	230	115	200	2.33	
EXT DRO >C28-C36	<10.0	10.0	06/10/2024	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
GIO GOMEZ  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 06/10/2024  
Reported: 06/11/2024  
Project Name: PURE FEDERAL # 3  
Project Number: R1 - 65  
Project Location: DEVON - EDDY CO NM

Sampling Date: 05/31/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: CSW 3 - 1' (H243304-10)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/10/2024	ND	1.85	92.7	2.00	2.04		
Toluene*	<0.050	0.050	06/10/2024	ND	1.99	99.4	2.00	2.31		
Ethylbenzene*	<0.050	0.050	06/10/2024	ND	2.00	100	2.00	2.05		
Total Xylenes*	<0.150	0.150	06/10/2024	ND	6.18	103	6.00	2.20		
Total BTEx	<0.300	0.300	06/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/11/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	223	111	200	2.75	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	230	115	200	2.33	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
GIO GOMEZ  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 06/10/2024  
Reported: 06/11/2024  
Project Name: PURE FEDERAL # 3  
Project Number: R1 - 65  
Project Location: DEVON - EDDY CO NM

Sampling Date: 05/31/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: CSW 4 - 1' (H243304-11)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/10/2024	ND	1.85	92.7	2.00	2.04		
Toluene*	<0.050	0.050	06/10/2024	ND	1.99	99.4	2.00	2.31		
Ethylbenzene*	<0.050	0.050	06/10/2024	ND	2.00	100	2.00	2.05		
Total Xylenes*	<0.150	0.150	06/10/2024	ND	6.18	103	6.00	2.20		
Total BTX	<0.300	0.300	06/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/11/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	223	111	200	2.75	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	230	115	200	2.33	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

PIMA ENVIROMENTAL  
GIO GOMEZ  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 06/10/2024  
Reported: 06/11/2024  
Project Name: PURE FEDERAL # 3  
Project Number: R1 - 65  
Project Location: DEVON - EDDY CO NM

Sampling Date: 05/31/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: CSW 5 - 1' (H243304-12)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/10/2024	ND	1.85	92.7	2.00	2.04		
Toluene*	<0.050	0.050	06/10/2024	ND	1.99	99.4	2.00	2.31		
Ethylbenzene*	<0.050	0.050	06/10/2024	ND	2.00	100	2.00	2.05		
Total Xylenes*	<0.150	0.150	06/10/2024	ND	6.18	103	6.00	2.20		
Total BTEx	<0.300	0.300	06/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/11/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	223	111	200	2.75	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	230	115	200	2.33	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
GIO GOMEZ  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 06/10/2024  
Reported: 06/11/2024  
Project Name: PURE FEDERAL # 3  
Project Number: R1 - 65  
Project Location: DEVON - EDDY CO NM

Sampling Date: 05/31/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: CSW 6 - 1' (H243304-13)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/10/2024	ND	1.85	92.7	2.00	2.04		
Toluene*	<0.050	0.050	06/10/2024	ND	1.99	99.4	2.00	2.31		
Ethylbenzene*	<0.050	0.050	06/10/2024	ND	2.00	100	2.00	2.05		
Total Xylenes*	<0.150	0.150	06/10/2024	ND	6.18	103	6.00	2.20		
Total BTEx	<0.300	0.300	06/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/11/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	223	111	200	2.75	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	230	115	200	2.33	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- S-05            The surrogate recovery is outside of lab established statistical control limits but still within method limits. Data is not adversely affected.
- QM-07        The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- BS-3           Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
- ND            Analyte NOT DETECTED at or above the reporting limit
- RPD           Relative Percent Difference
- \*\*            Samples not received at proper temperature of 6°C or below.
- \*\*\*          Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C  
Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240  
(575) 393-2326 FAX (575) 393-2476

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

<b>Company Name:</b> Prime Environmental							<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>			
<b>Project Manager:</b> Eric Gomez							<b>P.O. #:</b>					
<b>Address:</b> 9614 N Loxington Hwy							<b>Company:</b> Devon					
<b>City:</b> Hobbs							<b>Attn:</b>					
<b>State:</b> NM <b>Zip:</b> 88940							<b>Address:</b>					
<b>Phone #:</b> 505-964-7740 <b>Fax #:</b>							<b>City:</b>					
<b>Project #:</b> P1-65 <b>Project Owner:</b> Devon							<b>State:</b>					
<b>Project Name:</b> Pure Federal #3							<b>Zip:</b>					
<b>Project Location:</b>							<b>Phone #:</b>					
<b>Sampler Name:</b>							<b>Fax #:</b>					
FOR LAB USE ONLY												
<b>Lab I.D.</b>	<b>Sample I.D.</b>	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	MATRIX	PRESERV	SAMPLING				
#B43304	CS1-1'	C			X			DATE	TIME	X	BTEX	
	CS2-1'							8:34	8:30	X	TPH	
	CS3-1'							8:45	8:52	X	Chloride	
	CS4-1'							8:52	9:07			
	CS5-1'							9:11	9:17			
	CS6-1'							9:21	9:28			
	CS7-1'							9:31				
	CSU1-1'											
	CSU2-1'											
	CSU3-1'											
<small>PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.</small>												
<b>Relinquished By:</b>							<b>Date:</b>		<b>Received By:</b>		<b>Verbal Result:</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:	
<b>Relinquished By:</b> Larive Home							<b>Date:</b> 10-10-24		<b>Received By:</b> Shedeigues		<b>All Results are emailed. Please provide Email address:</b>	
<b>Time:</b> 7:57							<b>Time:</b>		<b>Time:</b>		<b>Remarks:</b> Billing # 20932936 Delmar@Primeoil.com	
<b>Corrected Temp. °C:</b>							<b>Observed Temp. °C:</b>		<b>Turnaround Time:</b>		<b>Standard</b> <input type="checkbox"/> <b>Rush</b> <input checked="" type="checkbox"/>	
<b>Corrected Temp. °C:</b>							<b>Observed Temp. °C:</b>		<b>Thermometer ID #140</b>		<b>Bacteria (only)</b> <input type="checkbox"/> <b>Sample Condition</b>	
<b>Corrected Temp. °C:</b>							<b>Observed Temp. °C:</b>		<b>Correction Factor 0°C</b>		<b>Coil Intact</b> <input type="checkbox"/> <b>Yes</b> <input type="checkbox"/> <b>No</b> <input type="checkbox"/>	
<b>Corrected Temp. °C:</b>							<b>Observed Temp. °C:</b>		<b>Correction Factor 0°C</b>		<b>Coil Intact</b> <input type="checkbox"/> <b>Yes</b> <input type="checkbox"/> <b>No</b> <input type="checkbox"/>	
<b>Corrected Temp. °C:</b>							<b>Observed Temp. °C:</b>		<b>Correction Factor 0°C</b>		<b>Coil Intact</b> <input type="checkbox"/> <b>Yes</b> <input type="checkbox"/> <b>No</b> <input type="checkbox"/>	
<b>Corrected Temp. °C:</b>							<b>Observed Temp. °C:</b>		<b>Correction Factor 0°C</b>		<b>Coil Intact</b> <input type="checkbox"/> <b>Yes</b> <input type="checkbox"/> <b>No</b> <input type="checkbox"/>	
<b>Corrected Temp. °C:</b>							<b>Observed Temp. °C:</b>		<b>Correction Factor 0°C</b>		<b>Coil Intact</b> <input type="checkbox"/> <b>Yes</b> <input type="checkbox"/> <b>No</b> <input type="checkbox"/>	
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<b>Corrected Temp. °C:</b>							<b>Observed Temp. °C:</b>		<b>Correction Factor 0°C</b>		<b>Coil Intact</b> <input type="checkbox"/> <b>Yes</b> <input type="checkbox"/> <b>No</b>	



101 East Marland, Hobbs, NM 88240  
(575) 393-2326 FAX (575) 393-2476

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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

QUESTIONS

Action 373424

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 373424
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAB1731257230
Incident Name	NAB1731257230 PURE FEDERAL #003 @ 30-015-30350
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-015-30350] PURE FEDERAL #003

Location of Release Source	
Please answer all the questions in this group.	
Site Name	PURE FEDERAL #003
Date Release Discovered	10/25/2017
Surface Owner	Private

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Equipment Failure   Other (Specify)   Crude Oil   Released: 1 BBL   Recovered: 1 BBL   Lost: 0 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure   Other (Specify)   Produced Water   Released: 5 BBL   Recovered: 1 BBL   Lost: 4 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 373424

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	373424
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS****Nature and Volume of Release (continued)**

Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
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: 08/13/2024
--	--

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QUESTIONS, Page 3

Action 373424

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 373424
	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 26 and 50 (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)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 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	High
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)	0
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
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	05/13/2024
On what date will (or did) the final sampling or liner inspection occur	05/13/2024
On what date will (or was) the remediation complete(d)	05/13/2024
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	0
What is the estimated volume (in cubic yards) that will be remediated	0

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 373424

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	373424
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS****Remediation Plan (continued)**

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

**This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:**

(Select all answers below that apply.)	
(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	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)	Yes
Other Non-listed Remedial Process. Please specify	analytical results were below state action levels

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

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

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 08/13/2024
--	--

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 5  
  
Action 373424

QUESTIONS (continued)

Operator:  DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:  6137
	Action Number:  373424
	Action Type:  [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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QUESTIONS, Page 6

Action 373424

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	373424
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

Sampling Event Information	
Last sampling notification (C-141N) recorded	348862
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/31/2024
What was the (estimated) number of samples that were to be gathered	13
What was the sampling surface area in square feet	1400

**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	0
What was the total volume (cubic yards) remediated	0
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	analytical results were below state action levels

*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: 08/13/2024
--	--

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QUESTIONS, Page 7  
  
Action 373424

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 373424
	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 373424

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:
	6137
	Action Number:
	373424
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 #NAB1731257230 PURE FEDERAL #003, thank you. This Remediation Closure Report is approved.	9/6/2024