

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 7th, 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 25th, 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 20th and September 30th, 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.

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

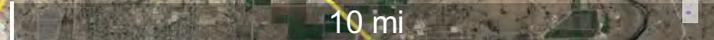
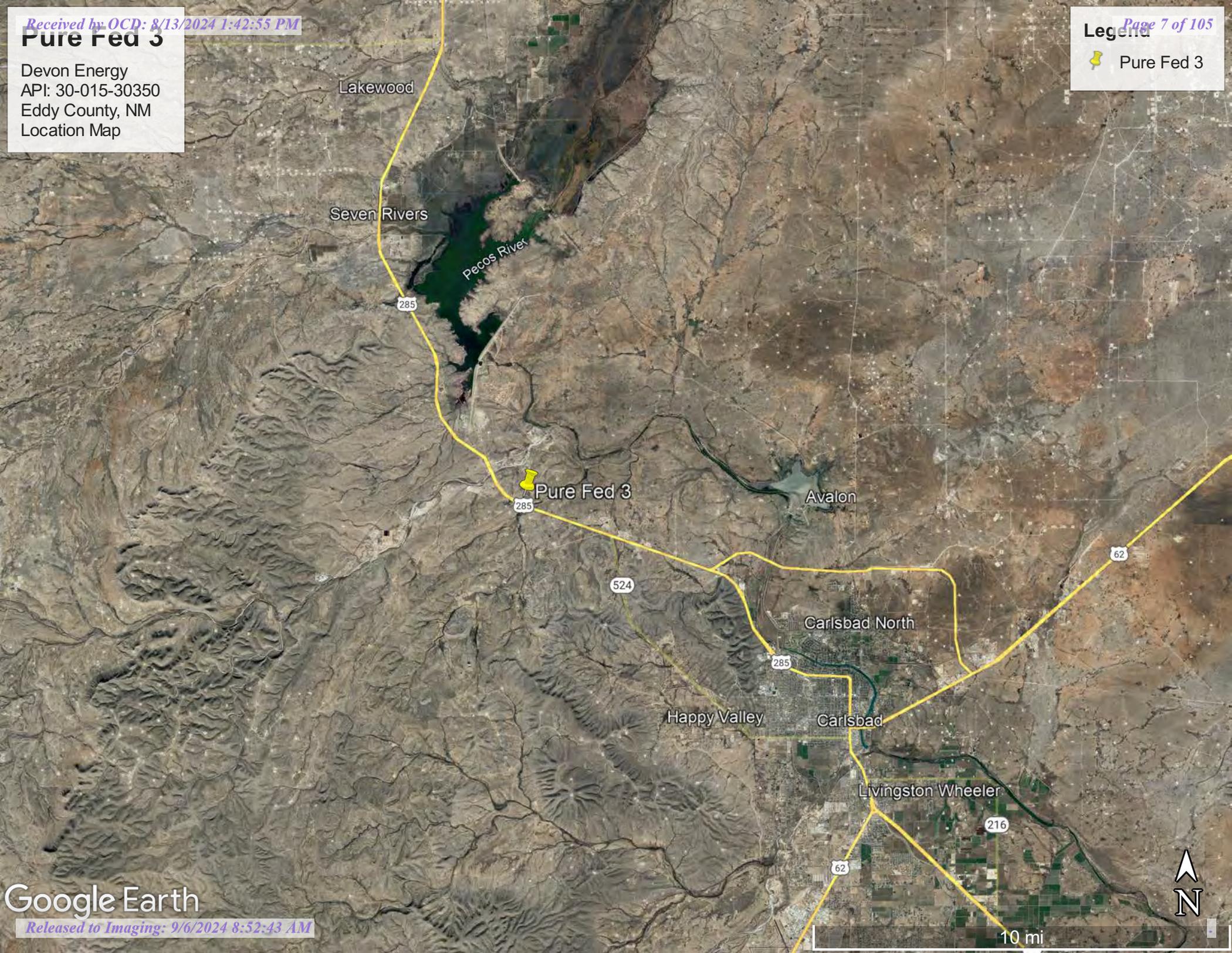
5 – Confirmation Sample Map

Pure Fed 3

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

Legend

-  Pure Fed 3

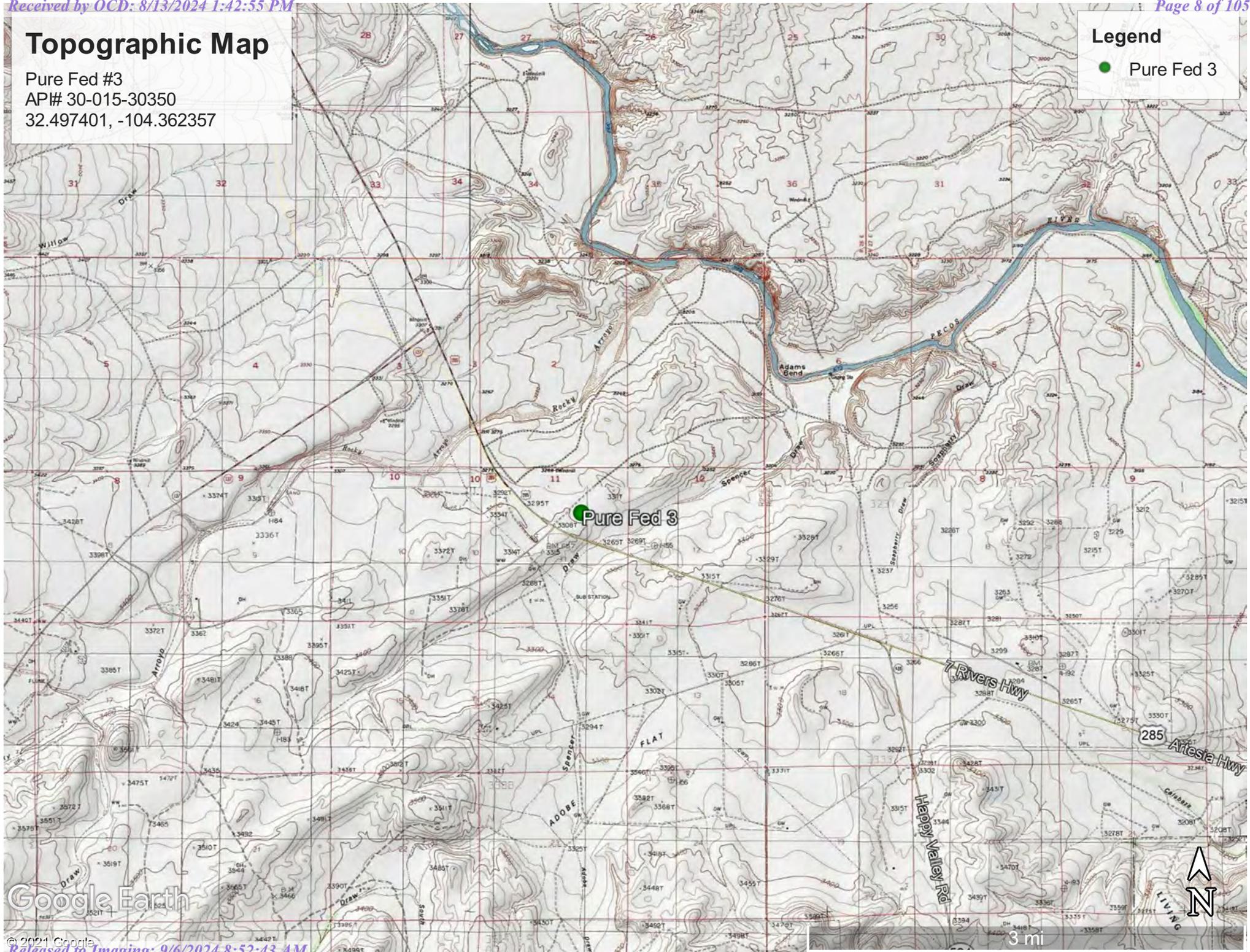


Topographic Map

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

Legend

- Pure Fed 3



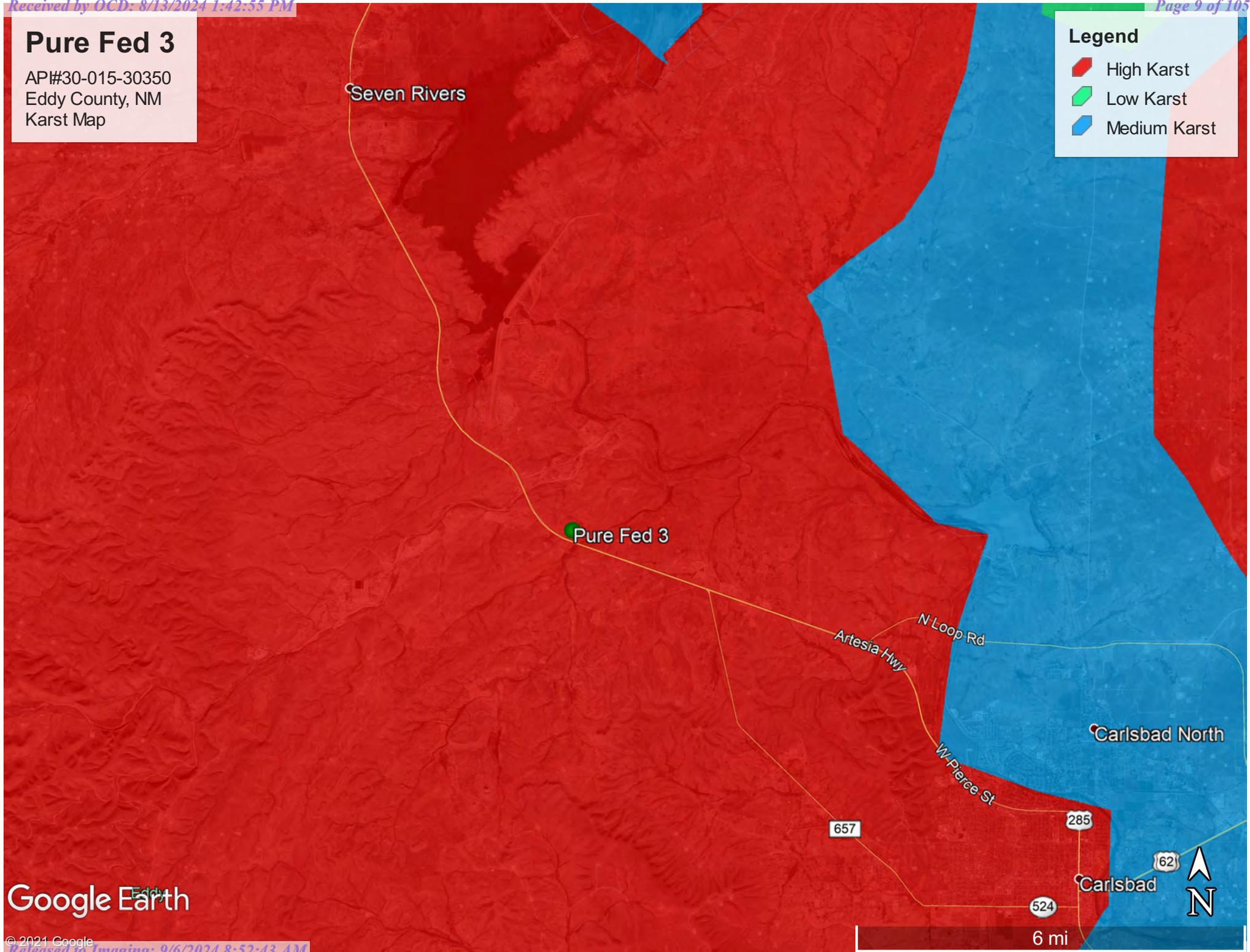
Google Earth

3 mi

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



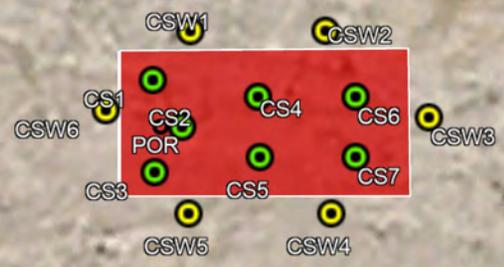
Pure Federal #003

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



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	POD Code	Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
C_00550	C	ED		1	1	2	11	21S	25E	559689	3596136*	404	97		
C_01166	C	ED		1	3	11	21S	25E	558976	3595176*	1098	550			
C_02268	CUB	ED		1	4	3	11	21S	25E	559277	3594853*	1115	30	25	5
C_02632	C	ED		4	3	1	07	21S	26E	562208	3595549*	2329	247	66	181
C_02643	C	ED		3	3	03	21S	25E	557361	3596444*	2613	145	33	112	
C_01399	C	LE		3	3	2	15	21S	25E	558068	3593839*	2666	200		
C_01041	C	ED		3	3	3	03	21S	25E	557260	3596343*	2688	85	65	20
C_03618 POD1	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



Google Earth

406



1000 ft



USGS Home
Contact USGS
Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category:

Groundwater

Geographic Area:

United States

GO

Click to hide News Bulletins

- [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.

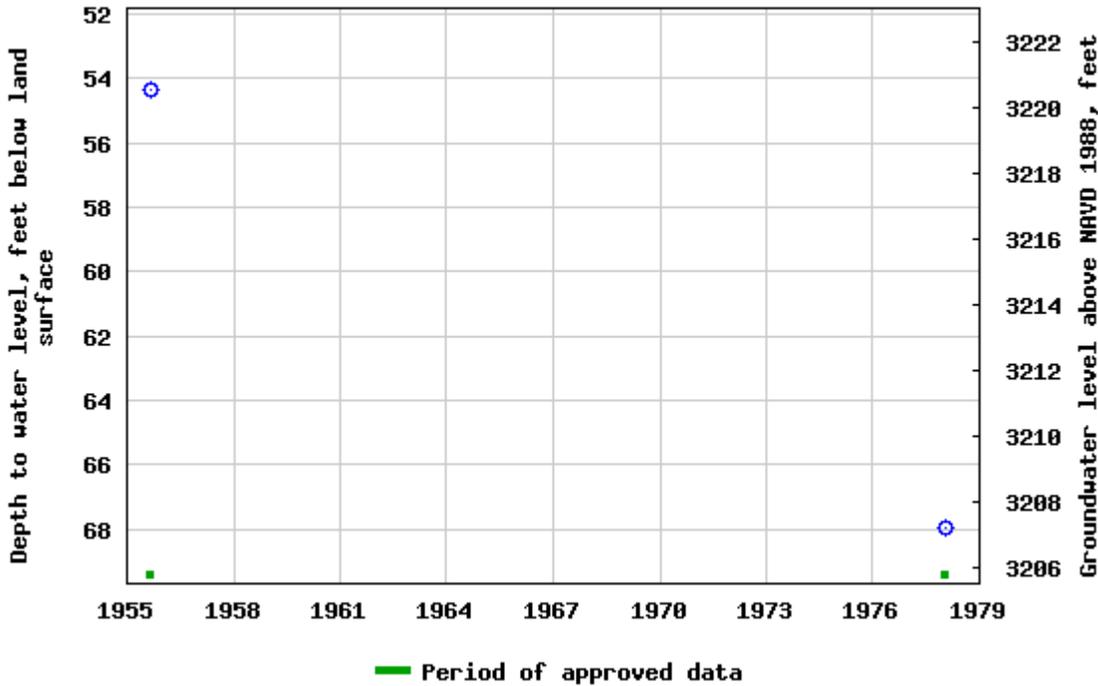
This well is completed in the Other aquifers (N9999OTHER) national aquifer.

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

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period

USGS 323004104215601 21S.25E.11.21111



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

[Download a presentation-quality graph](#)

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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



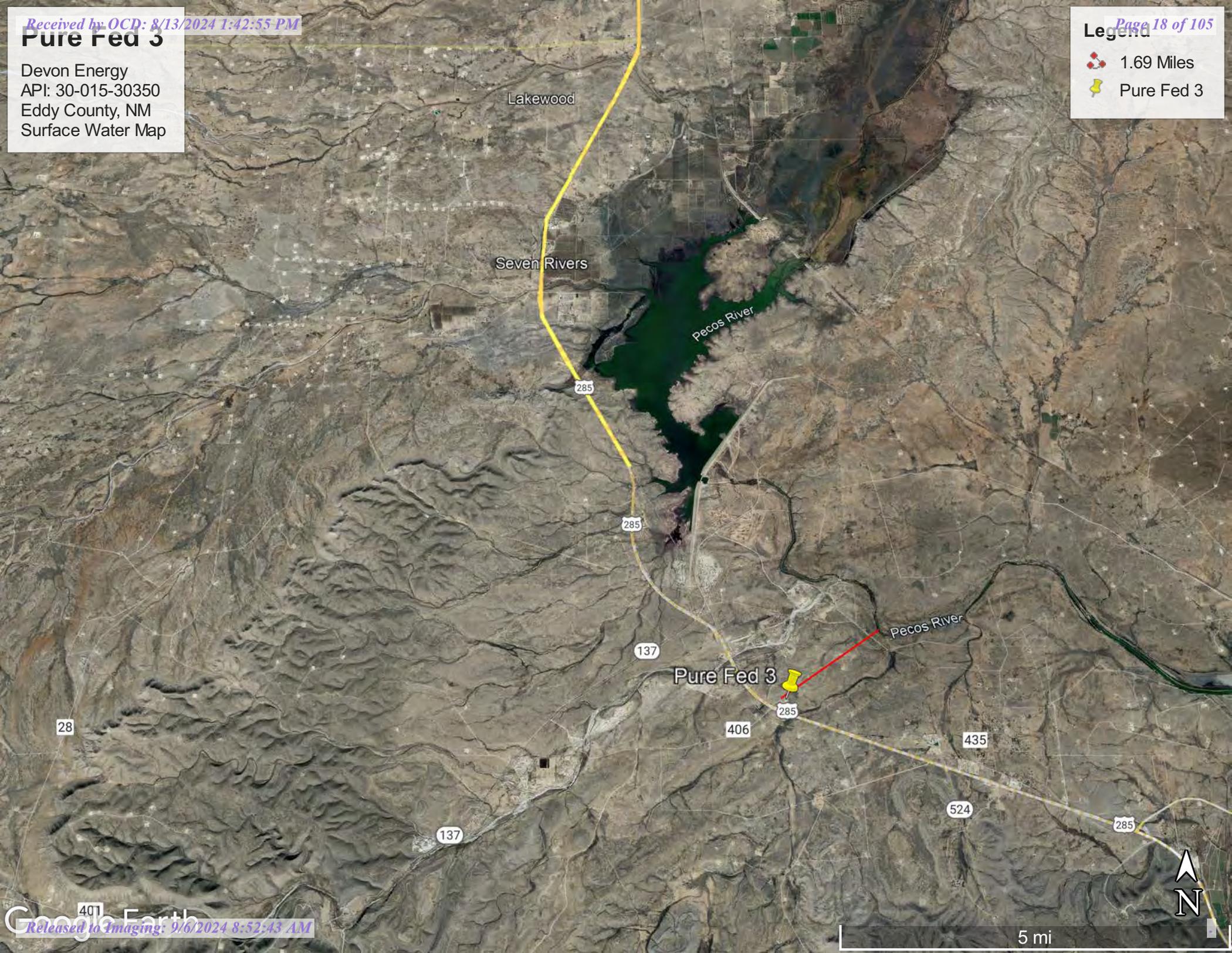
1000 ft

Pure Fed 3

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

Legend

-  1.69 Miles
-  Pure Fed 3



Lakewood

Seven Rivers

Pecos River

285

285

137

Pure Fed 3

285

406

Pecos River

435

524

285

28

137

401





Pima Environmental Services

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

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

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

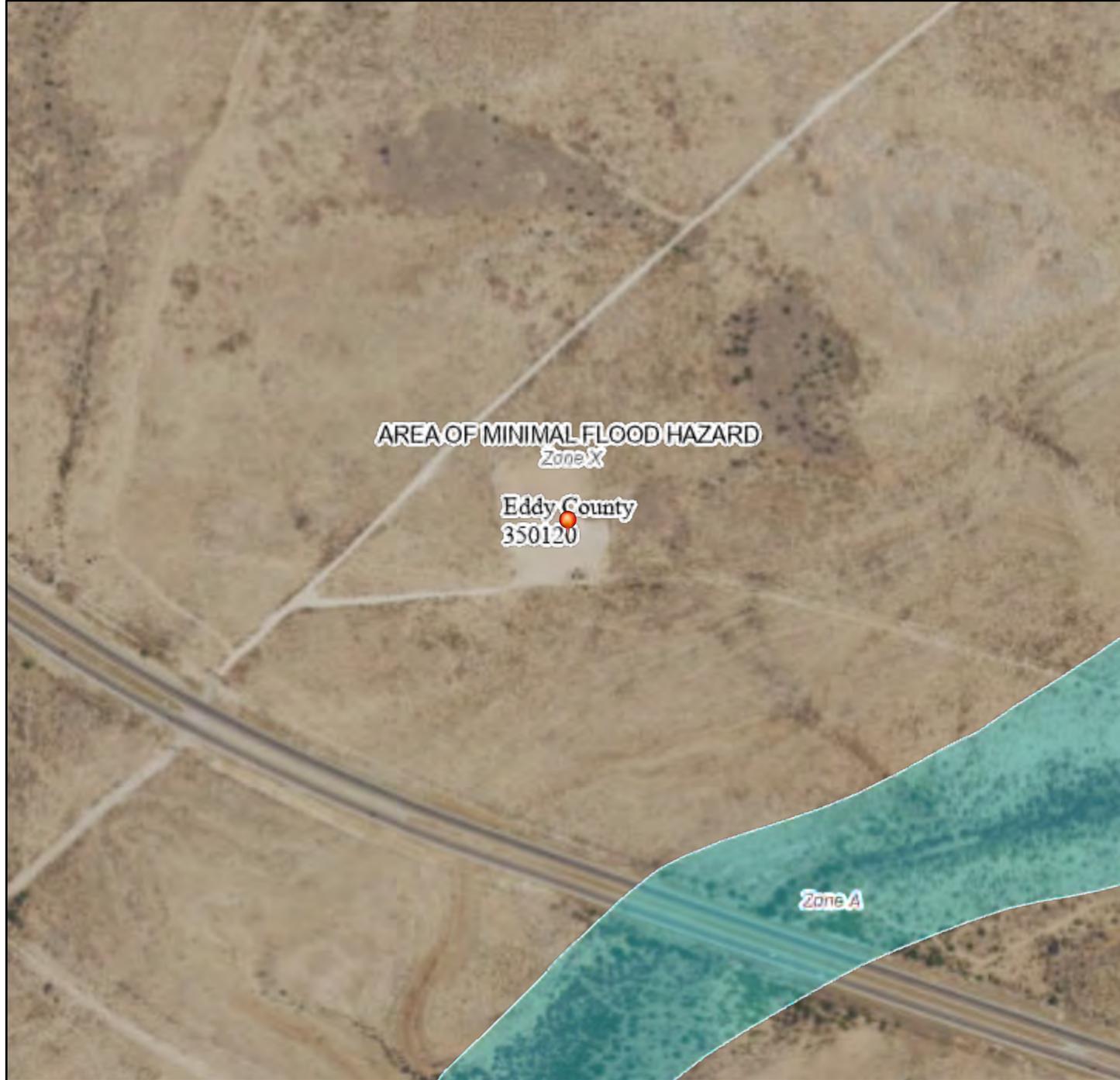
Data Source Information

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

Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) <i>Zone A, V, A99</i>
		With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i>
		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 <i>Zone X</i>
		Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i>
		Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i>
		Area with Flood Risk due to Levee <i>Zone D</i>

OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i>
		Effective LOMRs
		Area of Undetermined Flood Hazard <i>Zone D</i>

GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall

OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance
		17.5 Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature

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



U.S. Fish and Wildlife Service, National Standards and Support Team, wetlands_team@fws.gov

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 <delrae@pimaoil.com>

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 <delrae@pimaoil.com>, Andrew Pima Oil <andrew@pimaoil.com>, Marisa Pima Oil <marisa@pimaoil.com>

fyi

Dale Woodall

Environmental Professional**Hobbs, NM****Office: 575-748-1838****Mobile: 405-318-4697**Dale.Woodall@dvn.com**From:** OCDOnline@state.nm.us <OCDOnline@state.nm.us>**Sent:** Wednesday, May 29, 2024 12:25 PM**To:** Woodall, Dale <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

Confidentiality Warning: This message and any attachments are intended only for the use of the intended recipient(s), are confidential, and may be privileged. If you are not the intended recipient, you are hereby notified that any review, retransmission, conversion to hard copy, copying, circulation or other use of all or any portion of this message and any attachments is strictly prohibited. If you are not the intended recipient, please notify the sender immediately by return e-mail, and delete this message and any attachments from your system.

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

Delrae Pima Oil <delrae@pimaoil.com>
To: "Woodall, Dale" <Dale.Woodall@dmr.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@dmr.com>
To: "OCDOOnline@state.nm.us" <OCDOOnline@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

From: Delrae Pima Oil <delrae@pimaoil.com>

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

To: Woodall, Dale <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> 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

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

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

Field Offices:

Southern New Mexico Area
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ljjarboe@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Pure Federal #3 Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 09/28/22 15:33
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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
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S.1
E209128-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	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	
<i>Surrogate: Bromofluorobenzene</i>	98.9 %	70-130		09/22/22	09/26/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	91.0 %	70-130		09/22/22	09/26/22	
<i>Surrogate: Toluene-d8</i>	97.7 %	70-130		09/22/22	09/26/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2239089
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/22/22	09/26/22	
<i>Surrogate: Bromofluorobenzene</i>	98.9 %	70-130		09/22/22	09/26/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	91.0 %	70-130		09/22/22	09/26/22	
<i>Surrogate: Toluene-d8</i>	97.7 %	70-130		09/22/22	09/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	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	
<i>Surrogate: n-Nonane</i>	91.1 %	50-200		09/26/22	09/26/22	
Anions by EPA 300.0/9056A	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
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S.2

E209128-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	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	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	09/22/22	09/26/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		90.9 %	70-130	09/22/22	09/26/22	
<i>Surrogate: Toluene-d8</i>		98.8 %	70-130	09/22/22	09/26/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2239089
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/22/22	09/26/22	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	09/22/22	09/26/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		90.9 %	70-130	09/22/22	09/26/22	
<i>Surrogate: Toluene-d8</i>		98.8 %	70-130	09/22/22	09/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	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	
<i>Surrogate: n-Nonane</i>		89.3 %	50-200	09/26/22	09/26/22	
Anions by EPA 300.0/9056A	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
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S.3
E209128-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	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	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	09/22/22	09/26/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		92.1 %	70-130	09/22/22	09/26/22	
<i>Surrogate: Toluene-d8</i>		97.6 %	70-130	09/22/22	09/26/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2239089
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/22/22	09/26/22	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	09/22/22	09/26/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		92.1 %	70-130	09/22/22	09/26/22	
<i>Surrogate: Toluene-d8</i>		97.6 %	70-130	09/22/22	09/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	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	
<i>Surrogate: n-Nonane</i>		88.2 %	50-200	09/26/22	09/26/22	
Anions by EPA 300.0/9056A	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
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S.4

E209128-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	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	
<i>Surrogate: Bromofluorobenzene</i>		97.3 %	70-130	09/22/22	09/26/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		91.3 %	70-130	09/22/22	09/26/22	
<i>Surrogate: Toluene-d8</i>		99.5 %	70-130	09/22/22	09/26/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2239089
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/22/22	09/26/22	
<i>Surrogate: Bromofluorobenzene</i>		97.3 %	70-130	09/22/22	09/26/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		91.3 %	70-130	09/22/22	09/26/22	
<i>Surrogate: Toluene-d8</i>		99.5 %	70-130	09/22/22	09/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	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	
<i>Surrogate: n-Nonane</i>		96.3 %	50-200	09/26/22	09/26/22	
Anions by EPA 300.0/9056A	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
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S.5

E209128-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	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	
<i>Surrogate: Bromofluorobenzene</i>		99.1 %	70-130	09/22/22	09/26/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		94.3 %	70-130	09/22/22	09/26/22	
<i>Surrogate: Toluene-d8</i>		97.7 %	70-130	09/22/22	09/26/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2239089
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/22/22	09/26/22	
<i>Surrogate: Bromofluorobenzene</i>		99.1 %	70-130	09/22/22	09/26/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		94.3 %	70-130	09/22/22	09/26/22	
<i>Surrogate: Toluene-d8</i>		97.7 %	70-130	09/22/22	09/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	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	
<i>Surrogate: n-Nonane</i>		96.5 %	50-200	09/26/22	09/26/22	
Anions by EPA 300.0/9056A	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
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S.6
E209128-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	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	
<i>Surrogate: Bromofluorobenzene</i>		99.7 %	70-130	09/22/22	09/26/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		88.2 %	70-130	09/22/22	09/26/22	
<i>Surrogate: Toluene-d8</i>		99.1 %	70-130	09/22/22	09/26/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239089
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/22/22	09/26/22	
<i>Surrogate: Bromofluorobenzene</i>		99.7 %	70-130	09/22/22	09/26/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		88.2 %	70-130	09/22/22	09/26/22	
<i>Surrogate: Toluene-d8</i>		99.1 %	70-130	09/22/22	09/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
<i>Surrogate: n-Nonane</i>		91.6 %	50-200	09/26/22	09/26/22	
Anions by EPA 300.0/9056A						
	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
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S.7

E209128-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	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	
<i>Surrogate: Bromofluorobenzene</i>		99.4 %	70-130	09/22/22	09/26/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		89.2 %	70-130	09/22/22	09/26/22	
<i>Surrogate: Toluene-d8</i>		98.2 %	70-130	09/22/22	09/26/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2239089
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/22/22	09/26/22	
<i>Surrogate: Bromofluorobenzene</i>		99.4 %	70-130	09/22/22	09/26/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		89.2 %	70-130	09/22/22	09/26/22	
<i>Surrogate: Toluene-d8</i>		98.2 %	70-130	09/22/22	09/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	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	
<i>Surrogate: n-Nonane</i>		92.6 %	50-200	09/26/22	09/27/22	
Anions by EPA 300.0/9056A	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
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S.8

E209128-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	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	
<i>Surrogate: Bromofluorobenzene</i>		97.5 %	70-130	09/22/22	09/26/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.3 %	70-130	09/22/22	09/26/22	
<i>Surrogate: Toluene-d8</i>		97.6 %	70-130	09/22/22	09/26/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239089
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/22/22	09/26/22	
<i>Surrogate: Bromofluorobenzene</i>		97.5 %	70-130	09/22/22	09/26/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.3 %	70-130	09/22/22	09/26/22	
<i>Surrogate: Toluene-d8</i>		97.6 %	70-130	09/22/22	09/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
<i>Surrogate: n-Nonane</i>		102 %	50-200	09/26/22	09/26/22	
Anions by EPA 300.0/9056A						
	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
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S.9

E209128-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	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	
<i>Surrogate: Bromofluorobenzene</i>		98.0 %	70-130	09/22/22	09/26/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		91.5 %	70-130	09/22/22	09/26/22	
<i>Surrogate: Toluene-d8</i>		98.8 %	70-130	09/22/22	09/26/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2239089
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/22/22	09/26/22	
<i>Surrogate: Bromofluorobenzene</i>		98.0 %	70-130	09/22/22	09/26/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		91.5 %	70-130	09/22/22	09/26/22	
<i>Surrogate: Toluene-d8</i>		98.8 %	70-130	09/22/22	09/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	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	
<i>Surrogate: n-Nonane</i>		102 %	50-200	09/26/22	09/26/22	
Anions by EPA 300.0/9056A	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
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SW1

E209128-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	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	
<i>Surrogate: Bromofluorobenzene</i>		99.2 %	70-130	09/22/22	09/26/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		91.8 %	70-130	09/22/22	09/26/22	
<i>Surrogate: Toluene-d8</i>		97.9 %	70-130	09/22/22	09/26/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2239089
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/22/22	09/26/22	
<i>Surrogate: Bromofluorobenzene</i>		99.2 %	70-130	09/22/22	09/26/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		91.8 %	70-130	09/22/22	09/26/22	
<i>Surrogate: Toluene-d8</i>		97.9 %	70-130	09/22/22	09/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	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	
<i>Surrogate: n-Nonane</i>		81.8 %	50-200	09/26/22	09/26/22	
Anions by EPA 300.0/9056A	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
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SW2

E209128-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	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	
<i>Surrogate: Bromofluorobenzene</i>		99.7 %	70-130	09/22/22	09/26/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		89.6 %	70-130	09/22/22	09/26/22	
<i>Surrogate: Toluene-d8</i>		98.6 %	70-130	09/22/22	09/26/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239089
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/22/22	09/26/22	
<i>Surrogate: Bromofluorobenzene</i>		99.7 %	70-130	09/22/22	09/26/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		89.6 %	70-130	09/22/22	09/26/22	
<i>Surrogate: Toluene-d8</i>		98.6 %	70-130	09/22/22	09/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
<i>Surrogate: n-Nonane</i>		103 %	50-200	09/26/22	09/26/22	
Anions by EPA 300.0/9056A						
	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
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SW3

E209128-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	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	
<i>Surrogate: Bromofluorobenzene</i>		99.6 %	70-130	09/22/22	09/27/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		88.5 %	70-130	09/22/22	09/27/22	
<i>Surrogate: Toluene-d8</i>		96.7 %	70-130	09/22/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2239089
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/22/22	09/27/22	
<i>Surrogate: Bromofluorobenzene</i>		99.6 %	70-130	09/22/22	09/27/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		88.5 %	70-130	09/22/22	09/27/22	
<i>Surrogate: Toluene-d8</i>		96.7 %	70-130	09/22/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	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	
<i>Surrogate: n-Nonane</i>		90.0 %	50-200	09/26/22	09/26/22	
Anions by EPA 300.0/9056A	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
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SW4

E209128-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	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	
<i>Surrogate: Bromofluorobenzene</i>		99.2 %	70-130	09/22/22	09/27/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		89.3 %	70-130	09/22/22	09/27/22	
<i>Surrogate: Toluene-d8</i>		96.8 %	70-130	09/22/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2239089
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/22/22	09/27/22	
<i>Surrogate: Bromofluorobenzene</i>		99.2 %	70-130	09/22/22	09/27/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		89.3 %	70-130	09/22/22	09/27/22	
<i>Surrogate: Toluene-d8</i>		96.8 %	70-130	09/22/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
<i>Surrogate: n-Nonane</i>		165 %	50-200	09/26/22	09/27/22	
Anions by EPA 300.0/9056A						
	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
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BG1

E209128-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	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	
<i>Surrogate: Bromofluorobenzene</i>		98.2 %	70-130	09/22/22	09/27/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		89.9 %	70-130	09/22/22	09/27/22	
<i>Surrogate: Toluene-d8</i>		97.9 %	70-130	09/22/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2239089
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/22/22	09/27/22	
<i>Surrogate: Bromofluorobenzene</i>		98.2 %	70-130	09/22/22	09/27/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		89.9 %	70-130	09/22/22	09/27/22	
<i>Surrogate: Toluene-d8</i>		97.9 %	70-130	09/22/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	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	
<i>Surrogate: n-Nonane</i>		186 %	50-200	09/26/22	09/27/22	
Anions by EPA 300.0/9056A	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
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BG2

E209128-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	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	
<i>Surrogate: Bromofluorobenzene</i>		99.9 %	70-130	09/22/22	09/27/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		89.2 %	70-130	09/22/22	09/27/22	
<i>Surrogate: Toluene-d8</i>		95.6 %	70-130	09/22/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2239089
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/22/22	09/27/22	
<i>Surrogate: Bromofluorobenzene</i>		99.9 %	70-130	09/22/22	09/27/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		89.2 %	70-130	09/22/22	09/27/22	
<i>Surrogate: Toluene-d8</i>		95.6 %	70-130	09/22/22	09/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	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	
<i>Surrogate: n-Nonane</i>		142 %	50-200	09/26/22	09/27/22	
Anions by EPA 300.0/9056A	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 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
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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 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
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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 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
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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: <i>n</i> -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: <i>n</i> -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: <i>n</i> -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: <i>n</i> -Nonane	59.0		50.0		118	50-200			



QC Summary 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
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Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2239109-BLK1)

Prepared: 09/23/22 Analyzed: 09/26/22

Chloride	ND	20.0							
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LCS (2239109-BS1)

Prepared: 09/23/22 Analyzed: 09/26/22

Chloride	246	20.0	250		98.5	90-110			
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Matrix Spike (2239109-MS1)

Source: E209128-01

Prepared: 09/23/22 Analyzed: 09/26/22

Chloride	259	20.0	250	ND	104	80-120			
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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	
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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

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#	Job Number	1D	2D	3D	Standard	CWA	SDWA				
Project Manager: <u>Tom Bynum</u>		Address:		<u>E209128</u>	<u>01058-0007</u>				X						
Address: <u>5614 N. Lovington Hwy.</u>		City, State, Zip		Analysis and Method								RCRA			
City, State, Zip: <u>Hobbs, NM, 88240</u>		Phone:		DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX				
Phone: <u>580-748-1613</u>		Email:		State											
Email: <u>tom@pimaoil.com</u>		Pima Project # <u>65</u>		NM								CO	UT	AZ	TX
Report due by:				X								Remarks			

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
10:00	9/20/22	S	1	S.1	1							X		
10:05				S.2	2									
10:10				S.3	3									
10:15				S.4	4									
10:20				S.5	5									
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: Billing# 20932936

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

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

Relinquished by: (Signature) <u>Alexandra Sanders</u>	Date <u>9/20/22</u>	Time <u>2:45</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>9-21-22</u>	Time <u>2:00p</u>	Lab Use Only
Relinquished by: (Signature) <u>[Signature]</u>	Date <u>9-21-22</u>	Time <u>4:15</u>	Received by: (Signature) <u>Carla Chute</u>	Date <u>9/22/22</u>	Time <u>10:30</u>	Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	T1 _____ T2 _____ T3 _____
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other						AVG Temp °C <u>4</u>

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

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

Project Information

Chain of Custody

Client: Pima Environmental Services Project: Pima Federal #3 Project Manager: Tom Bynum Address: 5614 N. Lovington Hwy. City, State, Zip: Hobbs, NM, 88240 Phone: 580-748-1613 Email: tom@pimaoil.com Report due by:		Bill To Attention: DEVON Energy Address: City, State, Zip: Phone: Email: Pima Project # 605		Lab Use Only Lab WO# E209128 Job Number 01058-0007			TAT 1D <input type="checkbox"/> 2D <input type="checkbox"/> 3D <input type="checkbox"/> Standard <input checked="" type="checkbox"/>			EPA Program CWA <input type="checkbox"/> SDWA <input type="checkbox"/> RCRA <input type="checkbox"/>	
Analysis and Method					DRO/ORO by 8015 <input type="checkbox"/> GRO/DRO by 8015 <input type="checkbox"/> BTEX by 8021 <input type="checkbox"/> VOC by 8260 <input type="checkbox"/> Metals 6010 <input type="checkbox"/> Chloride 300.0 <input type="checkbox"/> BGDOC NM <input checked="" type="checkbox"/> BGDOC TX <input type="checkbox"/>		State NM <input checked="" type="checkbox"/> CO <input type="checkbox"/> UT <input type="checkbox"/> AZ <input type="checkbox"/> TX <input type="checkbox"/>			Remarks	

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
10:50	9/20/22	S	1	SW 2	11							X		
10:55				SW 3	12									
11:00				SW 4	13									
11:05				BG 1	14									
11:10				BG 2	15									

Additional Instructions: Billing# 20932936

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

Relinquished by: (Signature) <i>[Signature]</i> Date: 9/20/22 Time: 2:45	Received by: (Signature) <i>[Signature]</i> Date: 9-21-22 Time: 3:00	Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature) <i>[Signature]</i> Date: 9-21-22 Time: 4:15	Received by: (Signature) <i>[Signature]</i> Date: 9/22/22 Time: 10:30	
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: 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

Carrier: UPS

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

Empty box for 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

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

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

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	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
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S-1

E210012-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	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	
<i>Surrogate: Bromofluorobenzene</i>	94.2 %	70-130		10/05/22	10/08/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	103 %	70-130		10/05/22	10/08/22	
<i>Surrogate: Toluene-d8</i>	97.7 %	70-130		10/05/22	10/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2241072
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/05/22	10/08/22	
<i>Surrogate: Bromofluorobenzene</i>	94.2 %	70-130		10/05/22	10/08/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	103 %	70-130		10/05/22	10/08/22	
<i>Surrogate: Toluene-d8</i>	97.7 %	70-130		10/05/22	10/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	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	
<i>Surrogate: n-Nonane</i>	123 %	50-200		10/06/22	10/08/22	
Anions by EPA 300.0/9056A	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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S-2

E210012-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	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	
<i>Surrogate: Bromofluorobenzene</i>		93.6 %	70-130	10/05/22	10/08/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	10/05/22	10/08/22	
<i>Surrogate: Toluene-d8</i>		97.3 %	70-130	10/05/22	10/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2241072
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/05/22	10/08/22	
<i>Surrogate: Bromofluorobenzene</i>		93.6 %	70-130	10/05/22	10/08/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	10/05/22	10/08/22	
<i>Surrogate: Toluene-d8</i>		97.3 %	70-130	10/05/22	10/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	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	
<i>Surrogate: n-Nonane</i>		127 %	50-200	10/06/22	10/08/22	
Anions by EPA 300.0/9056A	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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S-3

E210012-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	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	
<i>Surrogate: Bromofluorobenzene</i>		93.5 %	70-130	10/05/22	10/08/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.2 %	70-130	10/05/22	10/08/22	
<i>Surrogate: Toluene-d8</i>		97.7 %	70-130	10/05/22	10/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2241072
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/05/22	10/08/22	
<i>Surrogate: Bromofluorobenzene</i>		93.5 %	70-130	10/05/22	10/08/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.2 %	70-130	10/05/22	10/08/22	
<i>Surrogate: Toluene-d8</i>		97.7 %	70-130	10/05/22	10/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	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	
<i>Surrogate: n-Nonane</i>		97.9 %	50-200	10/06/22	10/08/22	
Anions by EPA 300.0/9056A	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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S-4

E210012-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	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	
<i>Surrogate: Bromofluorobenzene</i>		93.7 %	70-130	10/05/22	10/08/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.1 %	70-130	10/05/22	10/08/22	
<i>Surrogate: Toluene-d8</i>		96.2 %	70-130	10/05/22	10/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2241072
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/05/22	10/08/22	
<i>Surrogate: Bromofluorobenzene</i>		93.7 %	70-130	10/05/22	10/08/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.1 %	70-130	10/05/22	10/08/22	
<i>Surrogate: Toluene-d8</i>		96.2 %	70-130	10/05/22	10/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	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	
<i>Surrogate: n-Nonane</i>		110 %	50-200	10/06/22	10/08/22	
Anions by EPA 300.0/9056A	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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S-5

E210012-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	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	
<i>Surrogate: Bromofluorobenzene</i>		94.3 %	70-130	10/05/22	10/08/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.4 %	70-130	10/05/22	10/08/22	
<i>Surrogate: Toluene-d8</i>		97.6 %	70-130	10/05/22	10/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2241072
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/05/22	10/08/22	
<i>Surrogate: Bromofluorobenzene</i>		94.3 %	70-130	10/05/22	10/08/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.4 %	70-130	10/05/22	10/08/22	
<i>Surrogate: Toluene-d8</i>		97.6 %	70-130	10/05/22	10/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	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	
<i>Surrogate: n-Nonane</i>		115 %	50-200	10/06/22	10/08/22	
Anions by EPA 300.0/9056A	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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E210012-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	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	
<i>Surrogate: Bromofluorobenzene</i>		93.2 %	70-130	10/05/22	10/08/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.8 %	70-130	10/05/22	10/08/22	
<i>Surrogate: Toluene-d8</i>		98.8 %	70-130	10/05/22	10/08/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2241072
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/05/22	10/08/22	
<i>Surrogate: Bromofluorobenzene</i>		93.2 %	70-130	10/05/22	10/08/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.8 %	70-130	10/05/22	10/08/22	
<i>Surrogate: Toluene-d8</i>		98.8 %	70-130	10/05/22	10/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
<i>Surrogate: n-Nonane</i>		121 %	50-200	10/06/22	10/08/22	
Anions by EPA 300.0/9056A						
	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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E210012-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	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	
<i>Surrogate: Bromofluorobenzene</i>		94.2 %	70-130	10/05/22	10/08/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.7 %	70-130	10/05/22	10/08/22	
<i>Surrogate: Toluene-d8</i>		96.7 %	70-130	10/05/22	10/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2241072
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/05/22	10/08/22	
<i>Surrogate: Bromofluorobenzene</i>		94.2 %	70-130	10/05/22	10/08/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.7 %	70-130	10/05/22	10/08/22	
<i>Surrogate: Toluene-d8</i>		96.7 %	70-130	10/05/22	10/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	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	
<i>Surrogate: n-Nonane</i>		80.8 %	50-200	10/06/22	10/08/22	
Anions by EPA 300.0/9056A	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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E210012-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	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	
<i>Surrogate: Bromofluorobenzene</i>		93.0 %	70-130	10/05/22	10/08/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	10/05/22	10/08/22	
<i>Surrogate: Toluene-d8</i>		99.2 %	70-130	10/05/22	10/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2241072
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/05/22	10/08/22	
<i>Surrogate: Bromofluorobenzene</i>		93.0 %	70-130	10/05/22	10/08/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	10/05/22	10/08/22	
<i>Surrogate: Toluene-d8</i>		99.2 %	70-130	10/05/22	10/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	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	
<i>Surrogate: n-Nonane</i>		119 %	50-200	10/06/22	10/08/22	
Anions by EPA 300.0/9056A	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
Volatile Organic Compounds by EPA 8260B	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	
<i>Surrogate: Bromofluorobenzene</i>		96.7 %	70-130	10/05/22	10/08/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.1 %	70-130	10/05/22	10/08/22	
<i>Surrogate: Toluene-d8</i>		98.1 %	70-130	10/05/22	10/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2241072
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/05/22	10/08/22	
<i>Surrogate: Bromofluorobenzene</i>		96.7 %	70-130	10/05/22	10/08/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.1 %	70-130	10/05/22	10/08/22	
<i>Surrogate: Toluene-d8</i>		98.1 %	70-130	10/05/22	10/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	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	
<i>Surrogate: n-Nonane</i>		132 %	50-200	10/06/22	10/08/22	
Anions by EPA 300.0/9056A	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 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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Volatile Organic Compounds by EPA 8260B

Analyst: IY

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

Blank (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 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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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 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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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 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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Anions by EPA 300.0/9056A

Analyst: RAS

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

Client: Pima Environmental Services	Bill To	Lab Use Only		TAT			EPA Program		
Project: Pure Fed #3	Attention: Dawn Energy	Lab WO# E210012	Job Number 01028-0007	1D	2D	3D	Standard	CWA	SDWA
Project Manager: Tom Bynum	Address:	Analysis and Method							RCRA
Address: 5614 N. Lovington Hwy.	City, State, Zip	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX
City, State, Zip Hobbs, NM, 88240	Phone:	State							
Phone: 580-748-1613	Email:	NM	CO	UT	AZ	TX			
Email: tom@pimaoil.com	Pima Project # 1-65	Remarks							
Report due by:									

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
8:00	9/30/22	S	1	S-1	1							X		
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									

Additional Instructions: Bill To Dawn Energy: 20932936

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.

Relinquished by: (Signature) <i>Tom Bynum</i>	Date 10/3/22	Time 2:30	Received by: (Signature) <i>Audreyana Benavidez</i>	Date 10-3-22	Time 3:00	Lab Use Only
Relinquished by: (Signature) <i>Tom Bynum</i>	Date 10-3-22	Time 4:15	Received by: (Signature) <i>Caitlin Chute</i>	Date 10/4/22	Time 11:20	Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	T1 _____ T2 _____ T3 _____
						AVG Temp °C 4

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

Carrier: UPS

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

Empty box for client instructions.

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.

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".

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	Sampling Date:	05/31/2024
Reported:	06/11/2024	Sampling Type:	Soil
Project Name:	PURE FEDERAL # 3	Sampling Condition:	Cool & Intact
Project Number:	R1 - 65	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - EDDY CO NM		

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

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) 88.3 % 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	Sampling Date:	05/31/2024
Reported:	06/11/2024	Sampling Type:	Soil
Project Name:	PURE FEDERAL # 3	Sampling Condition:	Cool & Intact
Project Number:	R1 - 65	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - EDDY CO NM		

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

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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	Sampling Date:	05/31/2024
Reported:	06/11/2024	Sampling Type:	Soil
Project Name:	PURE FEDERAL # 3	Sampling Condition:	Cool & Intact
Project Number:	R1 - 65	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - EDDY CO NM		

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, 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 89.5 % 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	Sampling Date:	05/31/2024
Reported:	06/11/2024	Sampling Type:	Soil
Project Name:	PURE FEDERAL # 3	Sampling Condition:	Cool & Intact
Project Number:	R1 - 65	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - EDDY CO NM		

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	Sampling Date:	05/31/2024
Reported:	06/11/2024	Sampling Type:	Soil
Project Name:	PURE FEDERAL # 3	Sampling Condition:	Cool & Intact
Project Number:	R1 - 65	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - EDDY CO NM		

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	Sampling Date:	05/31/2024
Reported:	06/11/2024	Sampling Type:	Soil
Project Name:	PURE FEDERAL # 3	Sampling Condition:	Cool & Intact
Project Number:	R1 - 65	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - EDDY CO NM		

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	Sampling Date:	05/31/2024
Reported:	06/11/2024	Sampling Type:	Soil
Project Name:	PURE FEDERAL # 3	Sampling Condition:	Cool & Intact
Project Number:	R1 - 65	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - EDDY CO NM		

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

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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	Sampling Date:	05/31/2024
Reported:	06/11/2024	Sampling Type:	Soil
Project Name:	PURE FEDERAL # 3	Sampling Condition:	Cool & Intact
Project Number:	R1 - 65	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - EDDY CO NM		

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, 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 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	Sampling Date:	05/31/2024
Reported:	06/11/2024	Sampling Type:	Soil
Project Name:	PURE FEDERAL # 3	Sampling Condition:	Cool & Intact
Project Number:	R1 - 65	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - EDDY CO NM		

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, 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 104 % 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	Sampling Date:	05/31/2024
Reported:	06/11/2024	Sampling Type:	Soil
Project Name:	PURE FEDERAL # 3	Sampling Condition:	Cool & Intact
Project Number:	R1 - 65	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - EDDY CO NM		

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, 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 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	Sampling Date:	05/31/2024
Reported:	06/11/2024	Sampling Type:	Soil
Project Name:	PURE FEDERAL # 3	Sampling Condition:	Cool & Intact
Project Number:	R1 - 65	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - EDDY CO NM		

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

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, 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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Analytical Results For:

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

Received:	06/10/2024	Sampling Date:	05/31/2024
Reported:	06/11/2024	Sampling Type:	Soil
Project Name:	PURE FEDERAL # 3	Sampling Condition:	Cool & Intact
Project Number:	R1 - 65	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - EDDY CO NM		

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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Analytical Results For:

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

Received:	06/10/2024	Sampling Date:	05/31/2024
Reported:	06/11/2024	Sampling Type:	Soil
Project Name:	PURE FEDERAL # 3	Sampling Condition:	Cool & Intact
Project Number:	R1 - 65	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - EDDY CO NM		

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, 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 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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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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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

Company Name: Piner Environmental Project Manager: Gino Gomez Address: 5614 N Livingston Hwy City: Hobbs State: NM Zip: 88240 Phone #: 575-964-7740 Fax #: Project #: P1-65 Project Owner: Devon Project Name: Pure Federal #3 Project Location:		BILL TO P.O. #: Company: Devon Attn: Address: City: State: Zip: Phone #: Fax #:	
Sampler Name: FOR LAB USE ONLY		MATRIX <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input checked="" type="checkbox"/> SOIL <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE OTHER:	
Lab. I.D. #B43304 2345072 10		PRESERV. <input checked="" type="checkbox"/> ACID/BASE <input type="checkbox"/> ICE / COOL OTHER:	
Sample I.D.		SAMPLING	
CS1-1' CS2-1' CS3-1' CS4-1' CS5-1' CS6-1' CS7-1' CSW1-1' CSW2-1' CSW3-1'		DATE 5/31/24 8:30 8:34 8:45 8:52 9:07 9:11 9:17 9:21 9:28 9:31	
(G)RAB OR (C)OMP.		ANALYSIS REQUEST BTEX TPH Chloride	
Relinquished By: Larive Abame Date: 8-10-24 Time: 7:457 Received By: Shekari gomez		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: All Results are emailed. Please provide Email address: Larive@Pinermail.com REMARKS: Billing # 20932936	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. °C: 7.12 Corrected Temp. °C: Sample Condition: Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No CHECKED BY: (Initials) SR	
Turnaround Time: Standard <input type="checkbox"/> Rush <input checked="" type="checkbox"/> 24hrs		Bacteria (only) Sample Condition: Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Observed Temp. °C Corrected Temp. °C	



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>Time Environmental</u>		BILL TO		ANALYSIS REQUEST	
Project Manager: <u>570 Gomez</u>		P.O. #:			
Address: <u>5614 N Livingston Hwy</u>		Company: <u>Devon</u>			
City: <u>Hobbs</u> State: <u>NM</u> Zip: <u>88240</u>		Attn:			
Phone #: <u>575-964-7740</u> Fax #:		Address:			
Project #: <u>61024 P1-65</u> Project Owner: <u>Devon</u>		City:			
Project Name: <u>Pure Federal #3</u>		State:			
Project Location:		Phone #:			
Sampler Name:		Fax #:			
FOR LAB USE ONLY					
Lab I.D. # <u>1843304</u>	Sample I.D. # <u>CSW 4-1</u>	(G)RAB OR (C)OMP.			
<u>11</u>	<u>CSW5-1</u>	# CONTAINERS			
<u>13</u>	<u>CSW6-1</u>	GROUNDWATER			
		WASTEWATER			
		SOIL			
		OIL			
		SLUDGE			
		OTHER:			
		ACID/BASE:			
		ICE / COOL			
		OTHER:			
		DATE	TIME		
		<u>5/31/24</u>	<u>9:40</u>	<u>X</u>	<u>BTEX</u>
		<u>9:45</u>	<u>9:50</u>	<u>X</u>	<u>TPH</u>
				<u>X</u>	<u>Chloride</u>

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Relinquished By: Larime Adams Date: 10-10-24 Received By: Shedrick Jones Date: 10-14-24

Turnaround Time: Standard Rush Add'l Phone #: Delvae@pinaoil.com

Thermometer ID #140 Correction Factor 0°C 24hrs Bacteria (only) Sample Condition Cool Intact Yes No Yes No

Observed Temp. °C 7.1c Corrected Temp. °C 7.1c Sample Condition Intact Yes No

Remarks: Billing # 20932936

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

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

QUESTIONS

Action 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	
<i>Please answer all the questions in this group.</i>	
Site Name	PURE FEDERAL #003
Date Release Discovered	10/25/2017
Surface Owner	Private

Incident Details	
<i>Please answer all the questions in this group.</i>	
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	
<i>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.</i>	
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)

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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	<i>Unavailable.</i>

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	<i>Not answered.</i>

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@dvn.com Date: 08/13/2024
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QUESTIONS, Page 3

Action 373424

QUESTIONS (continued)

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	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
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	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
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

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

Chloride (EPA 300.0 or SM4500 Cl B)	0
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	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)

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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 off-site disposal (i.e. dig and haul, hydrovac, etc.)	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	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
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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	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	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)

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	Action Number: 373424
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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CONDITIONS

Action 373424

CONDITIONS

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	Action Number: 373424
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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