Spill Volume(Bbls) Calculator *Inputs in blue, Outputs in red*	
Contaminated Soil measurement	
Area (square feet)	Depth(inches)
1818	0.500
Cubic Feet of Soil Impacted	75.750
Barrels of Soil Impacted	13.50
Soil Type	Clay/Sand
Barrels of Oil Assuming 100% Saturation	2.03
Saturation	Fluid present with shovel/backhoe
Estimated Barrels of Oil Released	2.03
Free Standing Fluid Only	
Area (square feet)	Depth(inches)
1818	0.500
Standing fluid	13.503
Total fluids spilled	**15.528**

REMEDIATION CLOSURE REPORT

Incident ID:NAPP2103538364

Fighting Okra 18 CTB 4

Facility: FAPP2123136022

Prepared By:
Pima Environmental Services, LLC

Prepared For:
Devon Energy Production, LP

August 6, 2024
Pima Environmental Services, LLC
5614 N Lovington Hwy, Hobbs, NM 88240

Pima Environmental Services
5614 N Lovington Hwy
Hobbs, NM 88240
575-964-7740

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

August 6, 2024

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

Re: Site Assessment, Remediation, and Closure Report
Fighting Okra 18 CTB 4
API No. N/A
GPS: Latitude 32.048084 Longitude -103.509633
UL - C, Section 18, T26S, R34E
Lea County, NM
NMOCD Ref. No. NAPP2103538364

Pima Environmental Services, LLC. (Pima) has been contracted by Devon Energy Production Company, LP (Devon) to prepare this Site Assessment, Remediation, and Closure Report for a produced water release that occurred at the Fighting Okra 18 CTB 4 (Fighting Okra). The incident was assigned incident NAPP2103538364 on February 4, 2021, by the New Mexico Oil Conservation Division (NMOCD).

Site Characterization

The Fighting Okra is located approximately nineteen (19) miles Southwest of Jal, NM. This spill site is in Unit C, Section 18, Township 26S, Range 34E, Latitude 32.048084 Longitude -103.509633, Lea County, NM. Figure 1 references a Location Map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is made up of Interlayered eolian sands and piedmont-slope deposits along the eastern flank of the Pecos River valley, primarily between Roswell and Carlsbad. Typically capped by thin eolian deposits. The soil in this area is made up of Pyote and Maljamar fine sands, according to the United States Department of Agriculture Natural Resources Conservation Service soil survey (Appendix B). The drainage class in this area is well-drained. There is a low potential for karst geology to be present around the Fighting Okra (Figure 3). Reference Figure 2 for a Topographic Map.

Based on the well water data from the New Mexico Office of the State Engineer water well (C-04626-POD 1), the depth to the nearest groundwater in this vicinity measures 55 feet below grade surface (BGS), positioned at the Fighting Okra. This well was drilled on June 9, 2023. Conversely, as per the United States Geological Survey well water data (USGS320059103333501), the nearest groundwater depth in this region is recorded at 76 feet BGS, situated approximately 3.42 miles away from the Fighting Okra, with the last gauge conducted in 2000 (Appendix A).

Table 1 NMAC and Closure Criteria 19.15.29					
Depth to Groundwater (Appendix A)	Constituent & Limits				
	Chlorides	Total TPH	GRO+DRO	BTEX	Benzene
<50’	600 mg/kg	100 mg/kg		50 mg/kg	10 mg/kg
51-100’ (C-04626-POD 1)	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

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Hobbs, NM 88240
575-964-7740

Release Information

NAPP2103538364: On January 24,2021, a pin hole developed in a water line, causing fluid to be released. The released fluids were calculated to be approximately 15.5 barrels (bbls) of produced water. A vacuum truck was called and was available to recover approximately 10 bbls of standing fluid.

Remediation Activities, Site Assessment, and Soil Sampling Results

On February 6, 2023, Pima mobilized personnel to the site to collect soil samples from the spill area using a hand auger. The laboratory results of these sampling events are provided in the following data table. A site map is available in Figure 4.

2-6-2023 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
DEVON ENERGY Fighting Okra 18 CTB 4 -NAPP2103538364								
Date: 2-6-23		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
S1	1'	ND	ND	ND	159	92.2	251.2	ND
	3'	ND	ND	ND	ND	ND	0	24.2
	4'	ND	ND	ND	ND	ND	0	ND
S2	1'	ND	ND	ND	ND	ND	0	21.9
	3'	ND	ND	ND	ND	ND	0	67.3
	4'	ND	ND	ND	ND	ND	0	ND
S3	1'	ND	ND	ND	29.8	ND	29.8	23.5
	3'	ND	ND	ND	ND	ND	0	123
	4'	ND	ND	ND	ND	ND	0	ND
S4	1'	ND	ND	ND	56.3	ND	56.3	23.2
	3'	ND	ND	ND	ND	ND	0	41.1
	4'	ND	ND	ND	ND	ND	0	ND
S5	1'	ND	ND	ND	ND	ND	0	251
	3'	ND	ND	ND	ND	ND	0	52.9
	4'	ND	ND	ND	ND	ND	0	ND
S6	1'	ND	ND	ND	ND	ND	0	268
	3'	ND	ND	ND	ND	ND	0	151
	4'	ND	ND	ND	ND	ND	0	ND
SW1	(0-4')	ND	ND	ND	ND	ND	0	ND
SW2	(0-4')	ND	ND	ND	ND	ND	0	ND
SW3	(0-4')	ND	ND	ND	ND	ND	0	ND
SW4	(0-4')	ND	ND	ND	ND	ND	0	ND
BG1	(0-4')	ND	ND	ND	ND	ND	0	ND

ND- Analyte Not Detected

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Hobbs, NM 88240
575-964-7740

Countermeasures Due to Rejection application ID:223855

The prior report faced rejection due to several concerns raised by the NMOCD. The summary of rejection outlined the following reasons:

1. The responsible party must verbally notify the appropriate division district office two business days prior to conducting final sampling. This should be submitted in closure report.
    - On July 19, 2024, after sending a 48-hour notification (application ID: 364861, Appendix C), Pima returned to the site to collect 5-point confirmation samples from the excavation. The 5-point composite samples were taken from the exposed excavation sidewalls and bottom samples were collected at 6 inches deep.

2. As per 19.15.29.12(E), photographs of the remediated site prior to backfilling need to be included. The only photos shown here show soil staining from the release.
    - New photographs were taken of the excavation that took place on July 18, 2024, and have been attached on Appendix D.

3. The required "description of all remedial activities" is too vague. Describe clearly what remediation measures were taken and describe sample collection methods.
    - On July 18, 2024, the Devon Construction Department mobilized personnel and equipment to initiate immediate remediation activities. They began excavating the area to a depth of 6” foot below ground surface (BGS). A total of 28 cubic yards of contaminated soil was hauled to R360 Antelope Draw, an approved, lined disposal facility and clean backfill material was brought in. Pima personnel collected 5-point confirmation samples from the excavation. The 5-point composite samples were taken from the exposed excavation sidewalls and bottom samples were collected at 6 inches deep.

4. Report states "the bottoms and sidewalls were below NMOCD Closure Criteria" however there is no evidence of an excavation taking place. If contending that the produced water contained TDS <10,000 mg/L, "the responsible party must provide current sample results to the division per 19.15.29.11(A)5(c). Resubmit report by 2/25/2024.
    - On July 18, 2024, the Devon Construction Department mobilized personnel and equipment to initiate immediate remediation activities. They began excavating the area to a depth of 6” foot below ground surface (BGS). A total of 28 cubic yards of contaminated soil was hauled to R360 Antelope Draw, an approved, lined disposal facility and clean backfill material was brought in.

Remediation Activities

On July 18, 2024, the Devon Construction Department mobilized personnel and equipment to initiate immediate remediation activities. They began excavating the area to a depth of 6” foot below ground surface (BGS). A total of 28 cubic yards of contaminated soil was hauled to R360 Antelope Draw, an approved, lined disposal facility and clean backfill material was brought in.

On July 19, 2024, after sending a 48-hour notification (application ID: 364861, Appendix C), Pima returned to the site to collect 5-point confirmation samples from the excavation. The 5-point composite samples were taken from the exposed excavation sidewalls and bottom samples were collected at 6 inches deep. The results of this sampling event are provided in the following table, and a Confirmation Sample Map can be found in Figure 5.

Pima Environmental Services
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Hobbs, NM 88240
575-964-7740

7-19-24 Confirmation Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
DEVON ENERGY Fighting Okra 18 CTB 4 -NAPP2103538364								
Date: 7-19-24		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	6" Comp	ND	ND	ND	ND	ND	0	ND
CS2	6" Comp	ND	ND	ND	ND	ND	0	ND
CS3	6" Comp	ND	ND	ND	ND	ND	0	ND
CS4	6" Comp	ND	ND	ND	ND	ND	0	ND
CS5	6" Comp	ND	ND	ND	ND	ND	0	ND
CS6	6" Comp	ND	ND	ND	ND	ND	0	ND
CS7	6" Comp	ND	ND	ND	ND	ND	0	ND
CSW1	0-6" Comp	ND	ND	ND	ND	ND	0	ND
CSW2	0-6" Comp	ND	ND	ND	ND	ND	0	ND
CSW3	0-6" Comp	ND	ND	ND	ND	ND	0	ND
CSW4	0-6" Comp	ND	ND	ND	ND	ND	0	ND
CSW5	0-6" Comp	ND	ND	ND	ND	ND	0	ND
CSW6	0-6" Comp	ND	ND	ND	ND	ND	0	ND
CSW7	0-6" Comp	ND	ND	ND	ND	ND	0	ND
CSW8	0-6" Comp	ND	ND	ND	ND	ND	0	ND
CSW9	0-6" Comp	ND	ND	ND	ND	ND	0	ND
CSW10	0-6" Comp	ND	ND	ND	ND	ND	0	ND

ND- Analyte Not Detected

Complete Laboratory Reports can be found in Appendix E.

Based on the sample results, the bottoms and sidewalls were below NMOCD Closure Criteria 19.15.29 NMAC. The contaminated material was sufficiently removed and then transported to R360 Antelope Draw, an NMOCD approved disposal site. See Appendix D for Photographic Documentation.

Closure Request

After careful review, Pima requests that this incident, NAPP2103538364, be closed. Devon has complied with the applicable closure requirements set forth in rule 19.15.19.12 NMAC.

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

Respectfully,

Gio Gomez

Gio Gomez
Project Manager
Pima Environmental Services, LLC

Pima Environmental Services
5614 N Lovington Hwy
Hobbs, NM 88240
575-964-7740

Attachments

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

Appendices:
Appendix A – Referenced Water Surveys
Appendix B – Soil Survey, Geological Data, FEMA, and Wetlands Map
Appendix C – 48 Hour Notification
Appendix D – Photographic Documentation
Appendix E – Laboratory Reports

Figures:

Figure 1- Location Map

Figure 2- Topographic Map

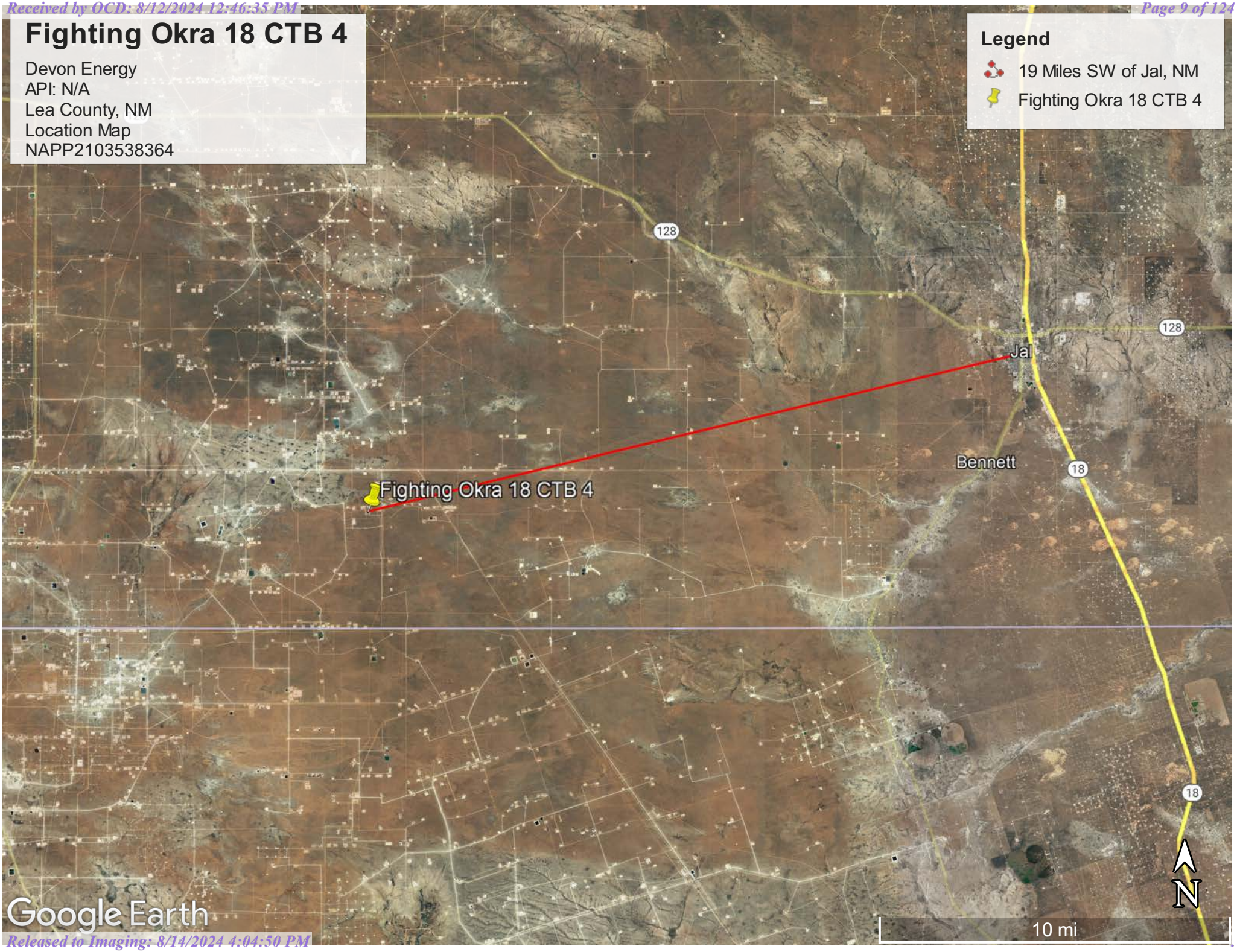
Figure 3- Karst Map

Figure 4- Site Map

Figure 5- Confirmation Sample Map

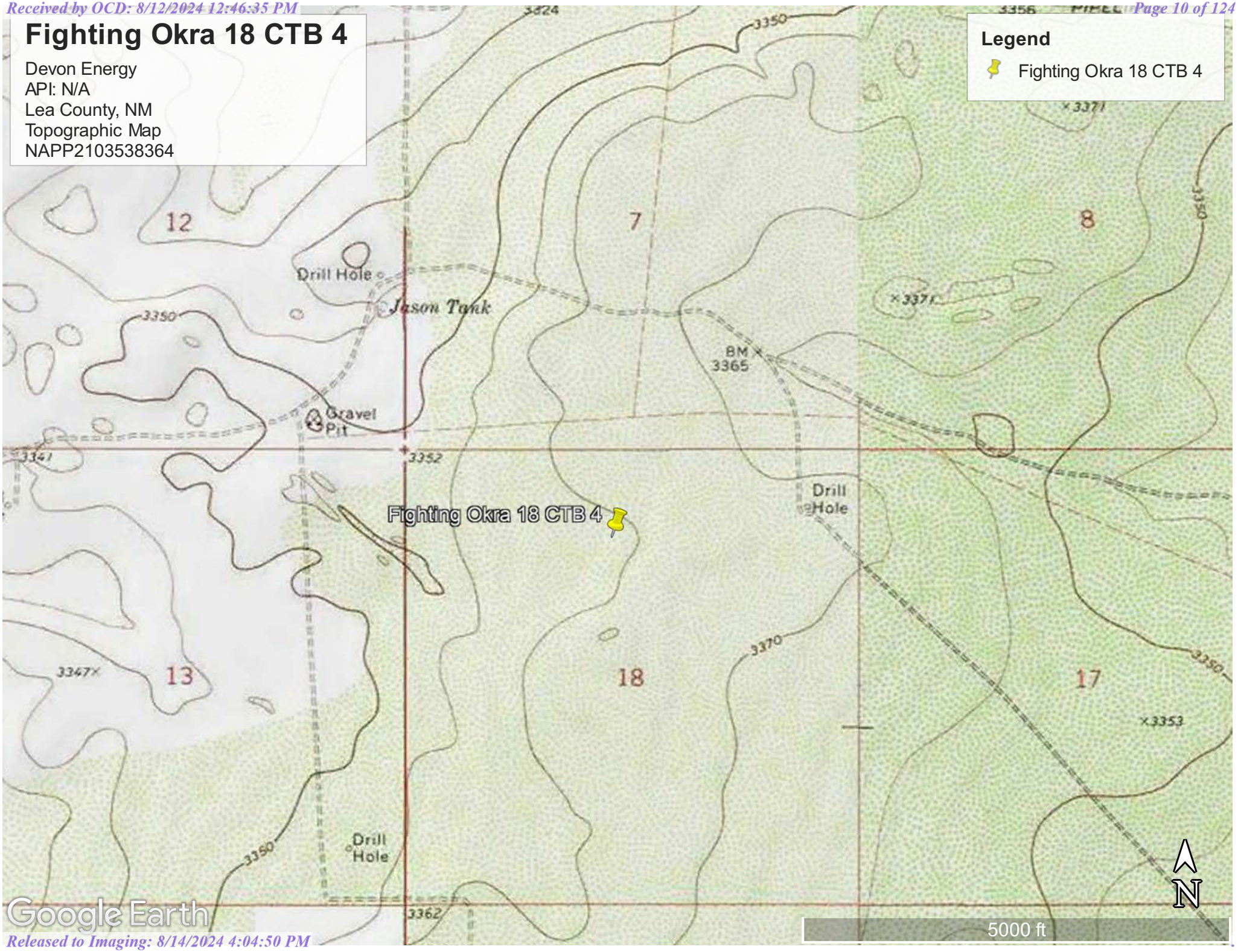
Fighting Okra 18 CTB 4

Devon Energy
API: N/A
Lea County, NM
Location Map
NAPP2103538364



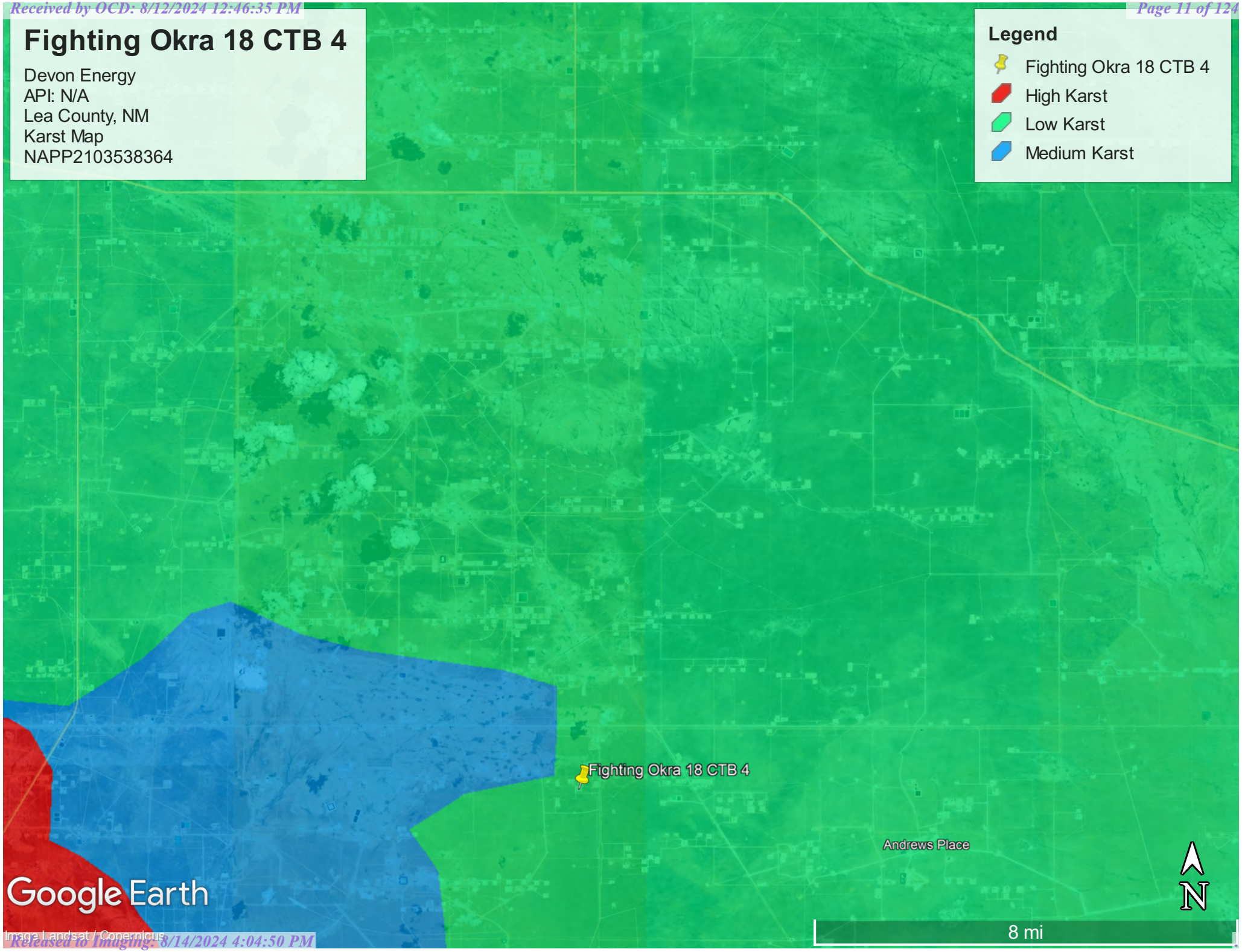
Fighting Okra 18 CTB 4

Devon Energy
API: N/A
Lea County, NM
Topographic Map
NAPP2103538364



Fighting Okra 18 CTB 4

Devon Energy
API: N/A
Lea County, NM
Karst Map
NAPP2103538364

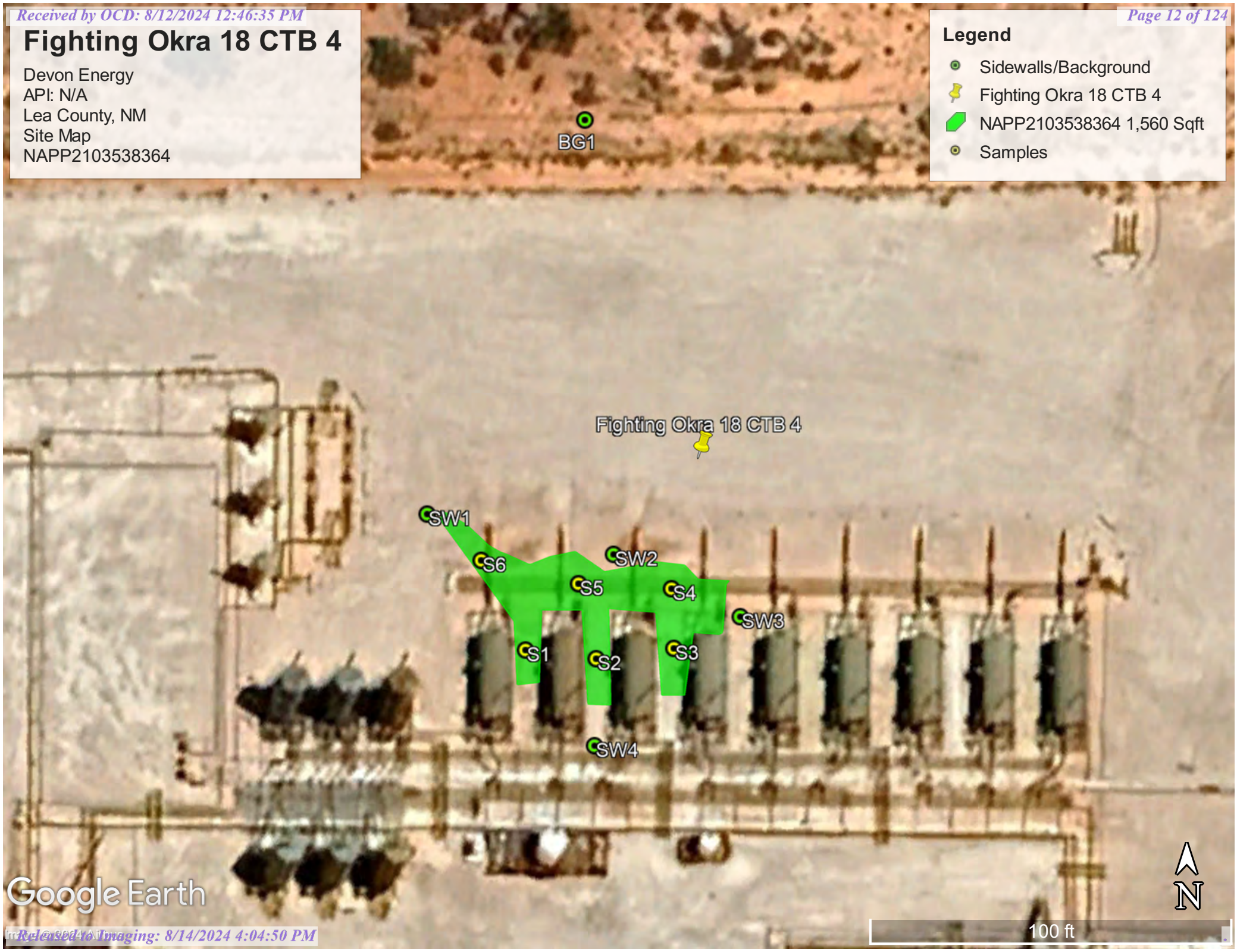


Fighting Okra 18 CTB 4

Devon Energy
API: N/A
Lea County, NM
Site Map
NAPP2103538364

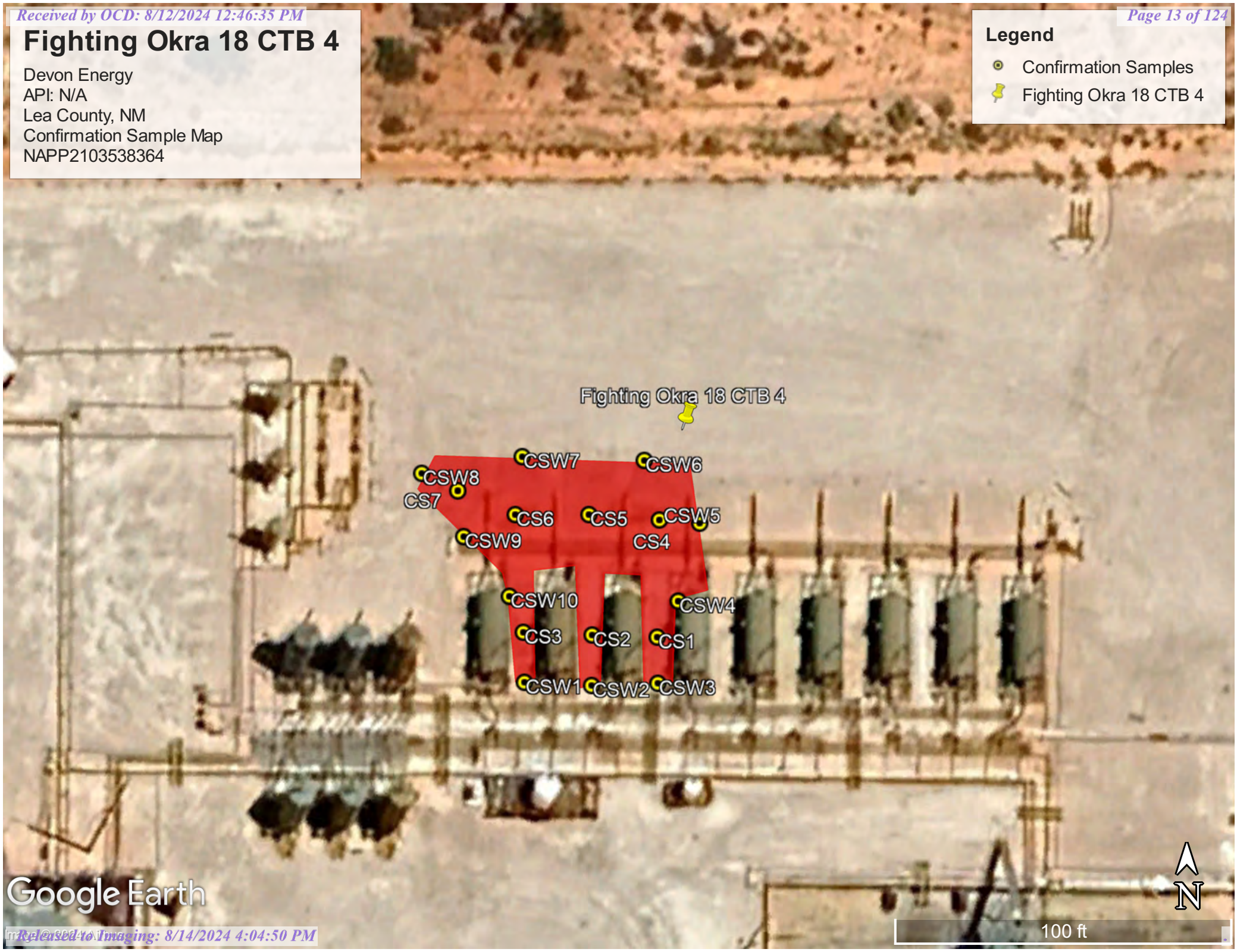
Legend

- Sidewalls/Background
- Fighting Okra 18 CTB 4
- NAPP2103538364 1,560 Sqft
- Samples



Fighting Okra 18 CTB 4

Devon Energy
API: N/A
Lea County, NM
Confirmation Sample Map
NAPP2103538364



Appendix A

Water Surveys:

- OSE
- USGS
- Surface Water Map

New Mexico Office of the State Engineer
Water Column/Average Depth to Water

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

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

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters) (In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Twn	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 04626 POD1		CUB	LE	4	2	1	18	26S	34E	640644	3546672	67			
C 02295		CUB	LE	2	2	4	12	26S	33E	639865	3547624	1241	250	200	50
C 02293		CUB	LE	2	2	1	14	26S	33E	637501	3546975	3212	200	135	65
C 02294		CUB	LE	4	4	3	11	26S	33E	637465	3547003	3250	200	145	55
C 02292 POD1		CUB	LE	4	1	2	06	26S	34E	640992	3549987	3291	200	140	60
C 03442 POD1		C	LE	4	1	2	06	26S	34E	641056	3550028	3338	251		
C 03441 POD1		C	LE	4	1	2	06	26S	34E	640971	3550039	3342	250		
C 02291		CUB	LE	1	1	2	06	26S	34E	640825	3550140*	3433	220	160	60
C 04628 POD1		CUB	LE	1	1	2	01	26S	33E	639121	3550219	3850			
C 04583 POD1		CUB	LE	3	3	3	15	26S	34E	644920	3545643	4349	55		
C 02289		CUB	LE	4	4	4	03	26S	33E	636612	3548675*	4538	200	160	40
C 02288		CUB	LE	4	4	4	03	26S	33E	636646	3548758	4545	220	180	40
C 02285 POD1		CUB	LE	1	4	4	03	26S	33E	636613	3548855	4618	220	220	0
C 02290		CUB	LE	4	4	4	03	26S	33E	636538	3548770	4647	200	160	40
C 02286		CUB	LE	3	4	4	03	26S	33E	636470	3548714	4684	220	175	45
C 02287		C	LE	3	4	4	03	26S	33E	636427	3548708	4719	220		

Average Depth to Water: **167 feet**
Minimum Depth: **135 feet**
Maximum Depth: **220 feet**

Record Count: 16

UTMNAD83 Radius Search (in meters):

Easting (X): 640702.37 **Northing (Y):** 3546708.29 **Radius:** 5000

***UTM location was derived from PLSS - see Help**

8/24/23 2:52 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
NA	C 04626 POD1	4	2	1	18	26S	34E	640644	3546672

Driller License: 1249 **Driller Company:** ATKINS ENGINEERING ASSOC. INC.

Driller Name: JACKIE ATKINS

Drill Start Date: 06/09/2022 **Drill Finish Date:** 06/09/2022 **Plug Date:**

Log File Date: 06/16/2022 **PCW Rcv Date:** **Source:**

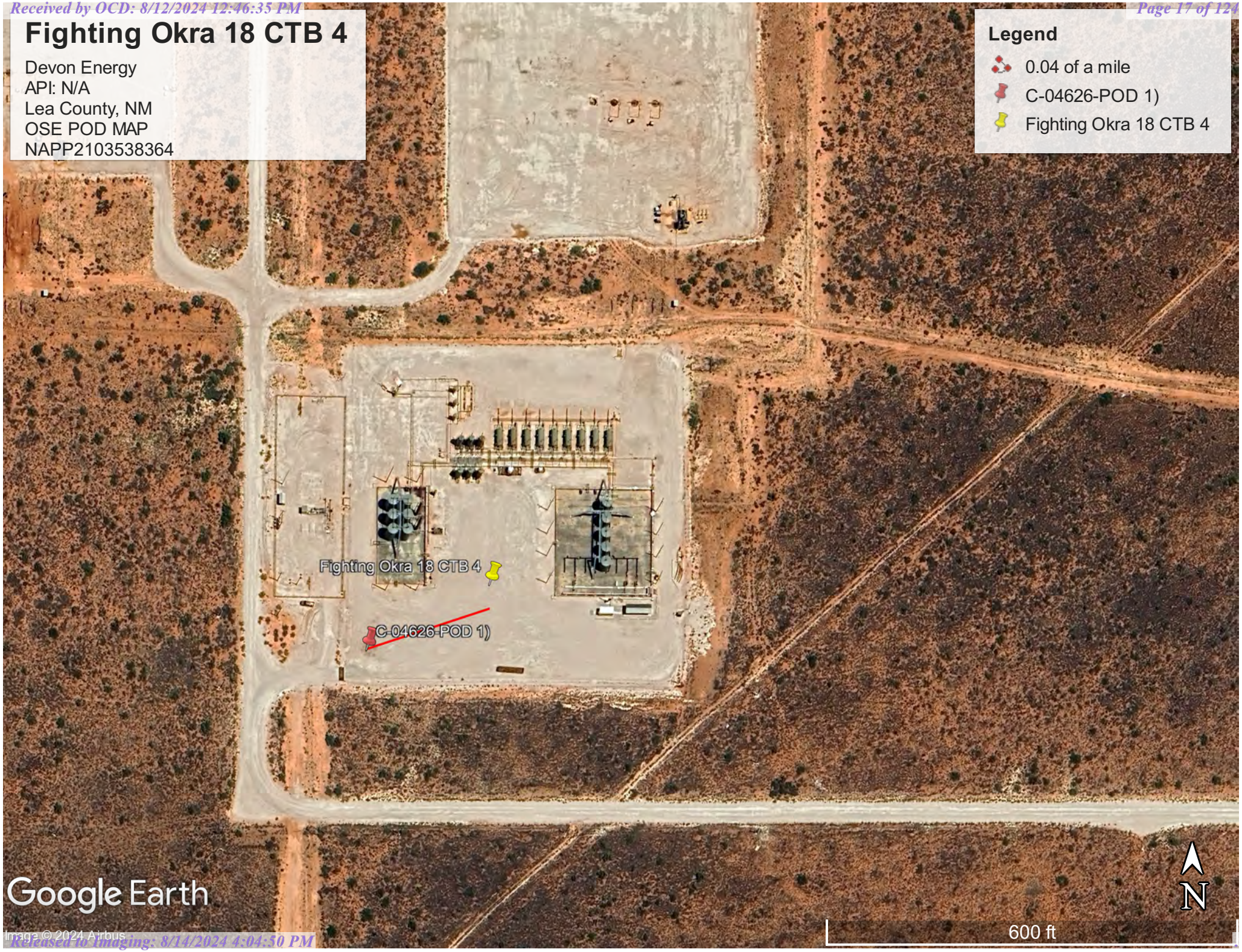
Pump Type: **Pipe Discharge Size:** **Estimated Yield:**

Casing Size: **Depth Well:** **Depth Water:**

Casing Perforations:	Top	Bottom
	0	55

Fighting Okra 18 CTB 4

Devon Energy
API: N/A
Lea County, NM
OSE POD MAP
NAPP2103538364



National Water Information System: Web Interface

USGS Water Resources

Data Category: Groundwater | Geographic Area: United States | GO

Click to hideNews Bulletins

- How are we doing? We want to hear from you. Take our quick survey to tell us what you think.
- Explore the *NEW* USGS National Water Dashboard interactive map to access real-time water data from over 13,500 stations nationwide.
- Full News

Groundwater levels for the Nation

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

site_no list =

- 320059103333501

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 320059103333501 26S.33E.27.21112

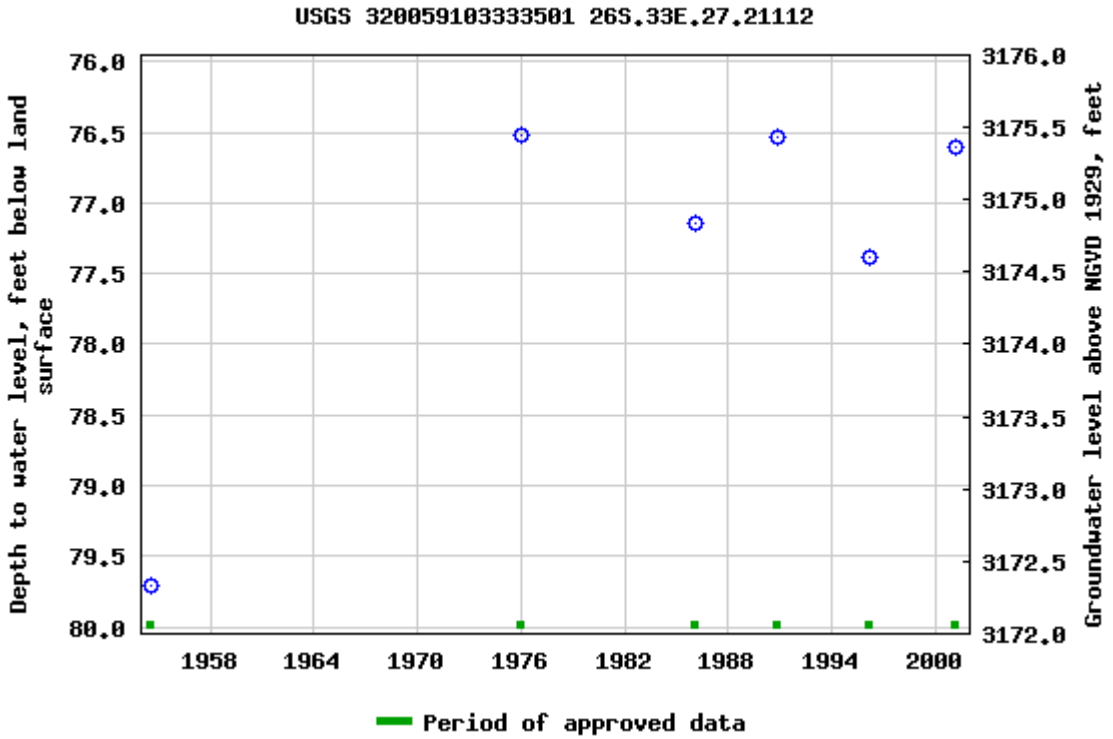
Available data for this site | Groundwater: Field measurements | GO

Lea County, New Mexico
Hydrologic Unit Code 13070001
Latitude 32°01'16.0", Longitude 103°33'33.9" NAD83
Land-surface elevation 3,252.00 feet above NGVD29

The depth of the well is 200 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

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



Breaks in the plot represent a gap of at least one year between field measurements.
Download a presentation-quality graph

Questions or Comments
Automated retrievals
Help

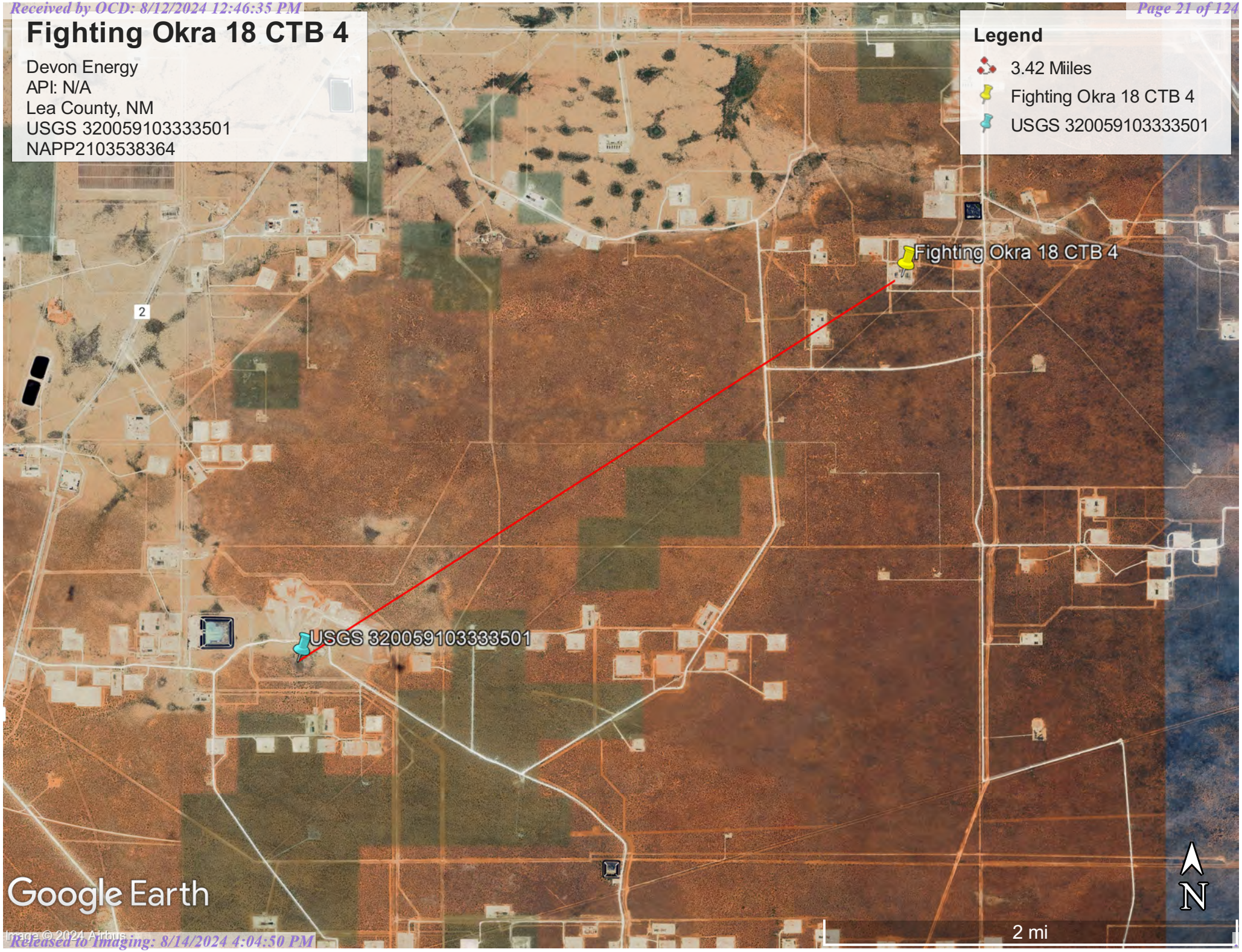
Data Tips
Explanation of terms
Subscribe for system changes
News

Title: Groundwater for USA: Water Levels
URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

Page Contact Information: USGS Water Data Support Team
Page Last Modified: 2023-08-24 16:51:08 EDT
0.61 0.51 nadww01

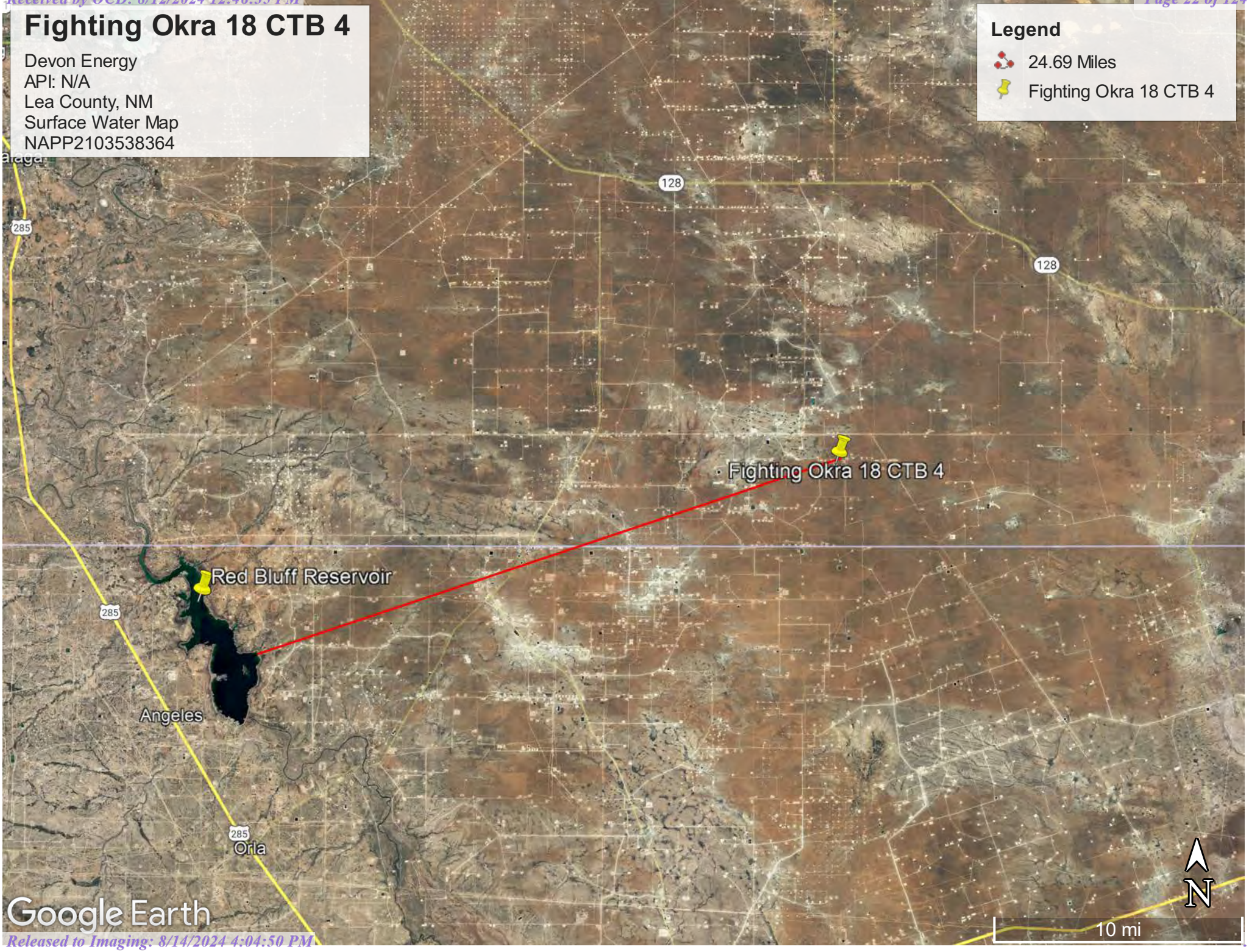
Fighting Okra 18 CTB 4

Devon Energy
API: N/A
Lea County, NM
USGS 320059103333501
NAPP2103538364



Fighting Okra 18 CTB 4

Devon Energy
API: N/A
Lea County, NM
Surface Water Map
NAPP2103538364



Appendix B

- Soil Survey & Soil Maps
- Geological Data
- FEMA Flood Map
- Wetlands Map

Lea County, New Mexico

PU—Pyote and Maljamar fine sands

Map Unit Setting

National map unit symbol: dmqq
Elevation: 3,000 to 3,900 feet
Mean annual precipitation: 10 to 12 inches
Mean annual air temperature: 60 to 62 degrees F
Frost-free period: 190 to 205 days
Farmland classification: Not prime farmland

Map Unit Composition

Pyote and similar soils: 46 percent
Maljamar and similar soils: 44 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Pyote

Setting

Landform: Plains
Landform position (three-dimensional): Rise
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Sandy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 30 inches: fine sand
Bt - 30 to 60 inches: fine sandy loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Negligible
Capacity of the most limiting layer to transmit water (Ksat): High (2.00 to 6.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 5 percent
Gypsum, maximum content: 1 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Low (about 5.1 inches)

Interpretive groups

Land capability classification (irrigated): 6e

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

Description of Maljamar

Setting

Landform: Plains
Landform position (three-dimensional): Rise
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Sandy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 24 inches: fine sand
Bt - 24 to 50 inches: sandy clay loam
Bkm - 50 to 60 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 40 to 60 inches to petrocalcic
Drainage class: Well drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 5 percent
Gypsum, maximum content: 1 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Low (about 5.6 inches)

Interpretive groups

Land capability classification (irrigated): 6e
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: B
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Minor Components

Kermit

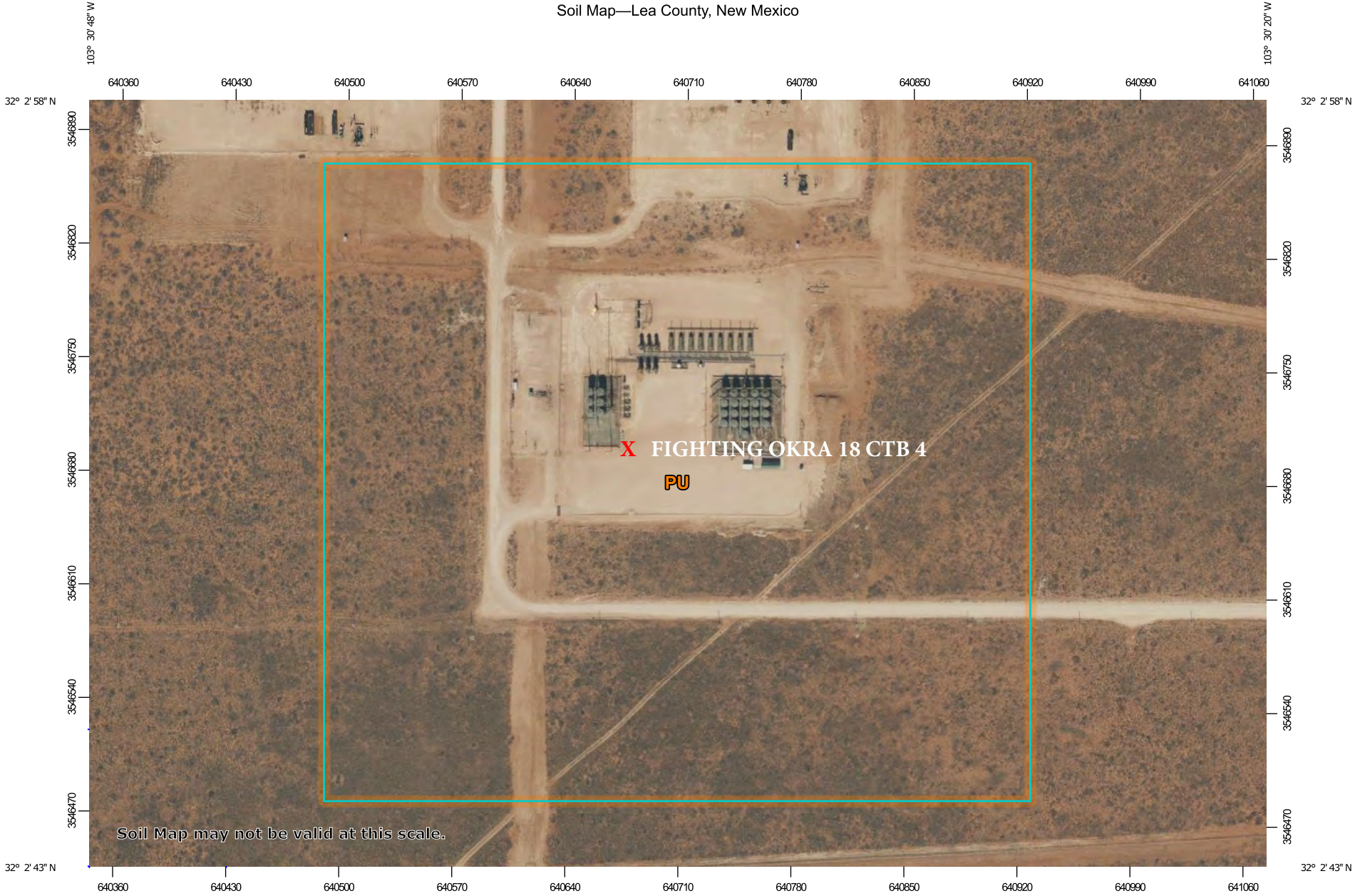
Percent of map unit: 10 percent
Ecological site: R070BC022NM - Sandhills

Hydric soil rating: No

Data Source Information

Soil Survey Area: Lea County, New Mexico
Survey Area Data: Version 19, Sep 8, 2022

Soil Map—Lea County, New Mexico



Map Scale: 1:3,330 if printed on A landscape (11" x 8.5") sheet.

N

Meters: 0 45 90 180 270

Feet: 0 150 300 600 900

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 13N WGS84

MAP LEGEND

Area of Interest (AOI)

- Area of Interest (AOI)

Soils

- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features

- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features

- Streams and Canals

Transportation

- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background

- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Lea County, New Mexico
Survey Area Data: Version 20, Sep 6, 2023

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
PU	Pyote and Maljamar fine sands	42.6	100.0%
Totals for Area of Interest		**42.6**	**100.0%**

(https://www.usgs.gov/)

Mineral Resources (https://www.usgs.gov/energy-and-minerals/mineral-resources-program) / Online Spatial Data (/) / Geology (/geology/) / by state (/geology/state/) / New Mexico (/geology/state/state.php?state=NM)

Eolian and piedmont deposits

XML (/geology/state/xml/NMQep;0) | JSON (/geology/state/json/NMQep;0)

Shapefile (/geology/state/unit-shape.php?unit=NMQep;0)

Interlayered eolian sands and piedmont-slope deposits along the eastern flank of the Pecos River valley, primarily between Roswell and Carlsbad. Typically capped by thin eolian deposits.

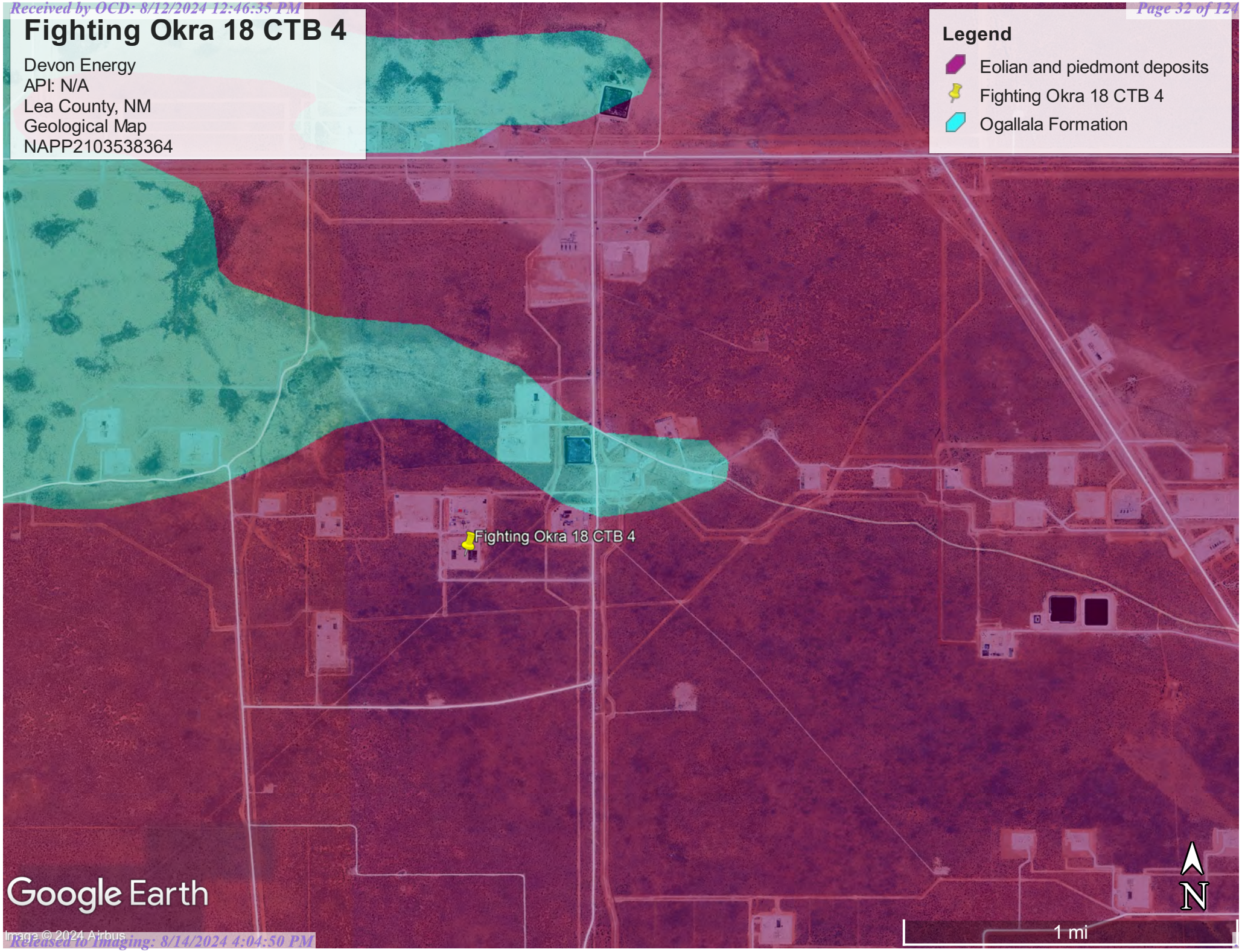
State	New Mexico (/geology/state/state.php?state=NM)
Name	Eolian and piedmont deposits
Geologic age	Holocene to middle Pleistocene
Lithologic constituents	Major Unconsolidated *(Eolian)* *Interlayered eolian sands and piedmont-slope deposits*
References	New Mexico Bureau of Geology and Mineral Resources, 2003, Geologic Map of New Mexico, scale 1:500,000 (includes some new polygons, faults, and attributes not in NM001 - heads up digitizing by JHorton).
NGMDB product	NGMDB product page for 22974 (https://ngmdb.usgs.gov/Prodesc/proddesc_22974.htm)
Counties	Chaves (/geology/state/fips-unit.php?code=f35005) - DeBaca (/geology/state/fips-unit.php?code=f35011) - Eddy (/geology/state/fips-unit.php?code=f35015) - Lea (/geology/state/fips-unit.php?code=f35025) - Roosevelt (/geology/state/fips-unit.php?code=f35041)

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

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

Fighting Okra 18 CTB 4

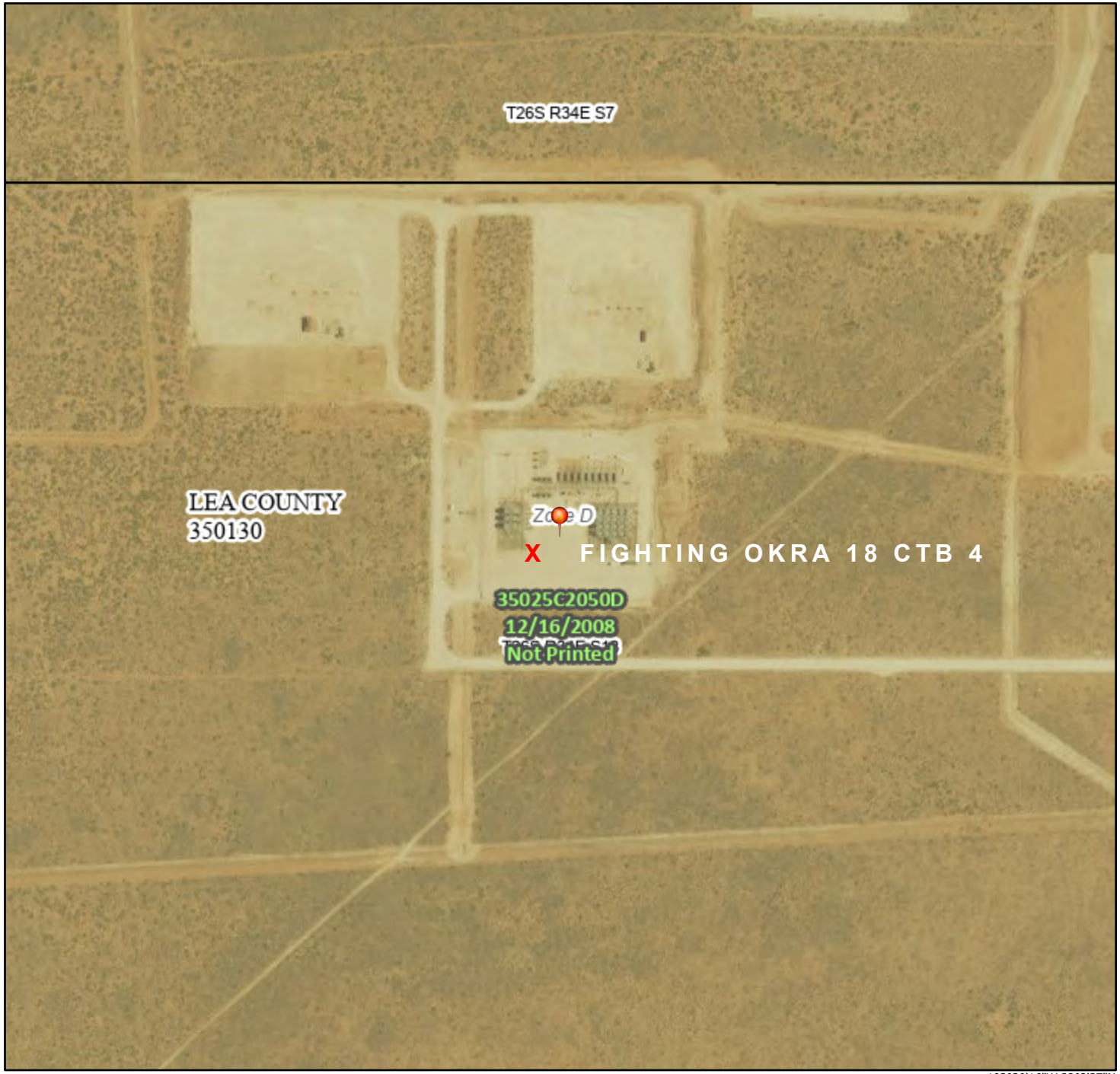
Devon Energy
API: N/A
Lea County, NM
Geological Map
NAPP2103538364



National Flood Hazard Layer FIRMette

FEMA

103°30'54"W 32°3'8"N



103°30'16"W 32°2'37"N

0 250 500 1,000 1,500 2,000 Feet

1:6,000

Basemap Imagery Source: USGS National Map 2023

Legend

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

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

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

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

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

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 8/23/2023 at 10:50 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.

U.S. Fish and Wildlife Service
National Wetlands Inventory

Wetlands Map

August 24, 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.

National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

Appendix C

- 48-Hour Notification

lynsey@pimaoil.com

From: Woodall, Dale <Dale.Woodall@dvn.com>
Sent: Wednesday, July 17, 2024 10:39 AM
To: 'Gio PimaOil'; Tom Pima Oil; Delrae Pima Oil; Lynsey Pima Oil
Subject: FW: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 364861

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, July 17, 2024 10:38 AM
To: Woodall, Dale <Dale.Woodall@dvn.com>
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 364861

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#) nAPP2103538364.

The sampling event is expected to take place:

When: 07/19/2024 @ 11:50
Where: C-18-26S-34E 0 FNL 0 FEL (32.048084,-103.509633)

Additional Information: Andrew Franco -806-200-0054

Additional Instructions: From the intersection of NM 128 and County Rd 2, travel south on County Rd 2 for11.55 miles, turn east on Lease Rd for 2.57 miles, turn south on lease rd for 1.26 of a mile, turn west on lease Rd for 0.45 of a mile,arriving to 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

Appendix D

- Photographic Documentation

Pima Environmental Services, LLC.

PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Fighting Okra 18 CTB 4

Assessment:

Site sign information.

Photo taken capturing assessment.

Photo taken capturing assessment.

Photo taken capturing assessment.

Photo taken capturing assessment.

PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Fighting Okra 18 CTB 4

Pre-Excavation:

Photograph captured prior to excavation, documenting the precise location of the excavation site.

Photograph captured prior to excavation, documenting the precise location of the excavation site.

Photograph captured prior to excavation, documenting the precise location of the excavation site.

Photograph captured prior to excavation, documenting the precise location of the excavation site.

Photograph captured prior to excavation, documenting the precise location of the excavation site.

Photograph captured prior to excavation, documenting the precise location of the excavation site.

Photograph captured prior to excavation, documenting the precise location of the excavation site.

PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Fighting Okra 18 CTB 4

Excavation:

Photograph captured during the excavation process.

Photograph captured during the excavation process.

Photograph captured during the excavation process.

Photograph captured during the excavation process.

PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Fighting Okra 18 CTB 4

Post Excavation:

Photo taken pursuant to excavation, taken facing Northeast.

Photo taken pursuant to excavation, taken facing North.

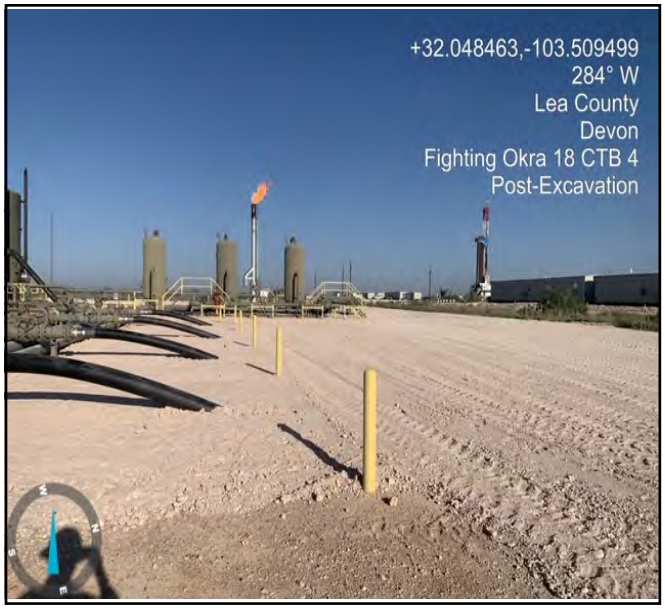


Photo taken pursuant to excavation, taken facing Northwest.

Photo taken pursuant to excavation, taken facing South.

Appendix E

- Laboratory Reports

Report to:

Tom Bynum

5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Fighting Okra 18 CTB 4
Work Order:	E302039
Job Number:	01058-0007
Received:	2/8/2023

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/14/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 2/14/23

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Fighting Okra 18 CTB 4
Workorder: E302039
Date Received: 2/8/2023 7:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/8/2023 7:30:00AM, under the Project Name: Fighting Okra 18 CTB 4.

The analytical test results summarized in this report with the Project Name: Fighting Okra 18 CTB 4 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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

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

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

Field Offices:

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

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

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Table of Contents (continued)

Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	02/14/23 15:31

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1 - 1'	E302039-01A	Soil	02/06/23	02/08/23	Glass Jar, 2 oz.
S1 - 3'	E302039-02A	Soil	02/06/23	02/08/23	Glass Jar, 2 oz.
S1 - 4'	E302039-03A	Soil	02/06/23	02/08/23	Glass Jar, 2 oz.
S2 - 1'	E302039-04A	Soil	02/06/23	02/08/23	Glass Jar, 2 oz.
S2 -3'	E302039-05A	Soil	02/06/23	02/08/23	Glass Jar, 2 oz.
S2 - 4'	E302039-06A	Soil	02/06/23	02/08/23	Glass Jar, 2 oz.
S3 - 1'	E302039-07A	Soil	02/06/23	02/08/23	Glass Jar, 2 oz.
S3 - 3'	E302039-08A	Soil	02/06/23	02/08/23	Glass Jar, 2 oz.
S3 - 4'	E302039-09A	Soil	02/06/23	02/08/23	Glass Jar, 2 oz.
S4 - 1'	E302039-10A	Soil	02/06/23	02/08/23	Glass Jar, 2 oz.
S4 - 3'	E302039-11A	Soil	02/06/23	02/08/23	Glass Jar, 2 oz.
S4 - 4'	E302039-12A	Soil	02/06/23	02/08/23	Glass Jar, 2 oz.
S5 - 1'	E302039-13A	Soil	02/06/23	02/08/23	Glass Jar, 2 oz.
S5 - 3'	E302039-14A	Soil	02/06/23	02/08/23	Glass Jar, 2 oz.
S5 - 4'	E302039-15A	Soil	02/06/23	02/08/23	Glass Jar, 2 oz.
S6 - 1'	E302039-16A	Soil	02/06/23	02/08/23	Glass Jar, 2 oz.
S6 - 3'	E302039-17A	Soil	02/06/23	02/08/23	Glass Jar, 2 oz.
S6 - 4'	E302039-18A	Soil	02/06/23	02/08/23	Glass Jar, 2 oz.
SW1	E302039-19A	Soil	02/06/23	02/08/23	Glass Jar, 2 oz.
SW2	E302039-20A	Soil	02/06/23	02/08/23	Glass Jar, 2 oz.
SW3	E302039-21A	Soil	02/06/23	02/08/23	Glass Jar, 2 oz.
SW4	E302039-22A	Soil	02/06/23	02/08/23	Glass Jar, 2 oz.
BG1	E302039-23A	Soil	02/06/23	02/08/23	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/14/2023 3:31:16PM

S1 - 1'

E302039-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2306057
Benzene	ND	0.0250	1	02/09/23	02/10/23	
Ethylbenzene	ND	0.0250	1	02/09/23	02/10/23	
Toluene	ND	0.0250	1	02/09/23	02/10/23	
o-Xylene	ND	0.0250	1	02/09/23	02/10/23	
p,m-Xylene	ND	0.0500	1	02/09/23	02/10/23	
Total Xylenes	ND	0.0250	1	02/09/23	02/10/23	
Surrogate: 4-Bromochlorobenzene-PID		*99.9 %*	*70-130*	*02/09/23*	*02/10/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2306057
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/09/23	02/10/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.6 %*	*70-130*	*02/09/23*	*02/10/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS			Batch: 2306055
Diesel Range Organics (C10-C28)	**159**	25.0	1	02/09/23	02/09/23	
Oil Range Organics (C28-C36)	**92.2**	50.0	1	02/09/23	02/09/23	
Surrogate: n-Nonane		*103 %*	*50-200*	*02/09/23*	*02/09/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2306070
Chloride	ND	20.0	1	02/09/23	02/11/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/14/2023 3:31:16PM

S1 - 3'

E302039-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2306057
Benzene	ND	0.0250	1	02/09/23	02/10/23	
Ethylbenzene	ND	0.0250	1	02/09/23	02/10/23	
Toluene	ND	0.0250	1	02/09/23	02/10/23	
o-Xylene	ND	0.0250	1	02/09/23	02/10/23	
p,m-Xylene	ND	0.0500	1	02/09/23	02/10/23	
Total Xylenes	ND	0.0250	1	02/09/23	02/10/23	
Surrogate: 4-Bromochlorobenzene-PID		*98.1 %*	*70-130*	*02/09/23*	*02/10/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2306057
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/09/23	02/10/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.1 %*	*70-130*	*02/09/23*	*02/10/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2306055
Diesel Range Organics (C10-C28)	ND	25.0	1	02/09/23	02/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/09/23	02/09/23	
Surrogate: n-Nonane		*103 %*	*50-200*	*02/09/23*	*02/09/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2306070
Chloride	**24.2**	20.0	1	02/09/23	02/11/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/14/2023 3:31:16PM

S1 - 4'

E302039-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2306057
Benzene	ND	0.0250	1	02/09/23	02/10/23	
Ethylbenzene	ND	0.0250	1	02/09/23	02/10/23	
Toluene	ND	0.0250	1	02/09/23	02/10/23	
o-Xylene	ND	0.0250	1	02/09/23	02/10/23	
p,m-Xylene	ND	0.0500	1	02/09/23	02/10/23	
Total Xylenes	ND	0.0250	1	02/09/23	02/10/23	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*02/09/23*	*02/10/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2306057
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/09/23	02/10/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.5 %*	*70-130*	*02/09/23*	*02/10/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2306055
Diesel Range Organics (C10-C28)	ND	25.0	1	02/09/23	02/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/09/23	02/09/23	
Surrogate: n-Nonane		*105 %*	*50-200*	*02/09/23*	*02/09/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2306070
Chloride	ND	20.0	1	02/09/23	02/11/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/14/2023 3:31:16PM

S2 - 1'

E302039-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2306057
Benzene	ND	0.0250	1	02/09/23	02/10/23	
Ethylbenzene	ND	0.0250	1	02/09/23	02/10/23	
Toluene	ND	0.0250	1	02/09/23	02/10/23	
o-Xylene	ND	0.0250	1	02/09/23	02/10/23	
p,m-Xylene	ND	0.0500	1	02/09/23	02/10/23	
Total Xylenes	ND	0.0250	1	02/09/23	02/10/23	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*02/09/23*	*02/10/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2306057
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/09/23	02/10/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.4 %*	*70-130*	*02/09/23*	*02/10/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2306055
Diesel Range Organics (C10-C28)	ND	25.0	1	02/09/23	02/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/09/23	02/09/23	
Surrogate: n-Nonane		*104 %*	*50-200*	*02/09/23*	*02/09/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2306070
Chloride	**21.9**	20.0	1	02/09/23	02/11/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/14/2023 3:31:16PM

S2 -3'

E302039-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2306057
Benzene	ND	0.0250	1	02/09/23	02/10/23	
Ethylbenzene	ND	0.0250	1	02/09/23	02/10/23	
Toluene	ND	0.0250	1	02/09/23	02/10/23	
o-Xylene	ND	0.0250	1	02/09/23	02/10/23	
p,m-Xylene	ND	0.0500	1	02/09/23	02/10/23	
Total Xylenes	ND	0.0250	1	02/09/23	02/10/23	
Surrogate: 4-Bromochlorobenzene-PID		*98.8 %*	*70-130*	*02/09/23*	*02/10/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2306057
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/09/23	02/10/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.1 %*	*70-130*	*02/09/23*	*02/10/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2306055
Diesel Range Organics (C10-C28)	ND	25.0	1	02/09/23	02/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/09/23	02/09/23	
Surrogate: n-Nonane		*102 %*	*50-200*	*02/09/23*	*02/09/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2306070
Chloride	**67.3**	20.0	1	02/09/23	02/11/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/14/2023 3:31:16PM

S2 - 4'

E302039-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2306057
Benzene	ND	0.0250	1	02/09/23	02/10/23	
Ethylbenzene	ND	0.0250	1	02/09/23	02/10/23	
Toluene	ND	0.0250	1	02/09/23	02/10/23	
o-Xylene	ND	0.0250	1	02/09/23	02/10/23	
p,m-Xylene	ND	0.0500	1	02/09/23	02/10/23	
Total Xylenes	ND	0.0250	1	02/09/23	02/10/23	
Surrogate: 4-Bromochlorobenzene-PID		*99.4 %*	*70-130*	*02/09/23*	*02/10/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2306057
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/09/23	02/10/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.2 %*	*70-130*	*02/09/23*	*02/10/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2306055
Diesel Range Organics (C10-C28)	ND	25.0	1	02/09/23	02/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/09/23	02/09/23	
Surrogate: n-Nonane		*105 %*	*50-200*	*02/09/23*	*02/09/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2306070
Chloride	ND	20.0	1	02/09/23	02/11/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/14/2023 3:31:16PM

S3 - 1'

E302039-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2306057
Benzene	ND	0.0250	1	02/09/23	02/10/23	
Ethylbenzene	ND	0.0250	1	02/09/23	02/10/23	
Toluene	ND	0.0250	1	02/09/23	02/10/23	
o-Xylene	ND	0.0250	1	02/09/23	02/10/23	
p,m-Xylene	ND	0.0500	1	02/09/23	02/10/23	
Total Xylenes	ND	0.0250	1	02/09/23	02/10/23	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*02/09/23*	*02/10/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2306057
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/09/23	02/10/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.6 %*	*70-130*	*02/09/23*	*02/10/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2306055
Diesel Range Organics (C10-C28)	**29.8**	25.0	1	02/09/23	02/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/09/23	02/09/23	
Surrogate: n-Nonane		*104 %*	*50-200*	*02/09/23*	*02/09/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2306070
Chloride	**23.5**	20.0	1	02/09/23	02/11/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/14/2023 3:31:16PM

S3 - 3'

E302039-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2306057
Benzene	ND	0.0250	1	02/09/23	02/10/23	
Ethylbenzene	ND	0.0250	1	02/09/23	02/10/23	
Toluene	ND	0.0250	1	02/09/23	02/10/23	
o-Xylene	ND	0.0250	1	02/09/23	02/10/23	
p,m-Xylene	ND	0.0500	1	02/09/23	02/10/23	
Total Xylenes	ND	0.0250	1	02/09/23	02/10/23	
Surrogate: 4-Bromochlorobenzene-PID		*98.2 %*	*70-130*	*02/09/23*	*02/10/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2306057
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/09/23	02/10/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.1 %*	*70-130*	*02/09/23*	*02/10/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2306055
Diesel Range Organics (C10-C28)	ND	25.0	1	02/09/23	02/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/09/23	02/09/23	
Surrogate: n-Nonane		*102 %*	*50-200*	*02/09/23*	*02/09/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2306070
Chloride	**123**	20.0	1	02/09/23	02/11/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/14/2023 3:31:16PM

S3 - 4'

E302039-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2306057
Benzene	ND	0.0250	1	02/09/23	02/10/23	
Ethylbenzene	ND	0.0250	1	02/09/23	02/10/23	
Toluene	ND	0.0250	1	02/09/23	02/10/23	
o-Xylene	ND	0.0250	1	02/09/23	02/10/23	
p,m-Xylene	ND	0.0500	1	02/09/23	02/10/23	
Total Xylenes	ND	0.0250	1	02/09/23	02/10/23	
Surrogate: 4-Bromochlorobenzene-PID		*99.5 %*	*70-130*	*02/09/23*	*02/10/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2306057
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/09/23	02/10/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.0 %*	*70-130*	*02/09/23*	*02/10/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2306055
Diesel Range Organics (C10-C28)	ND	25.0	1	02/09/23	02/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/09/23	02/09/23	
Surrogate: n-Nonane		*104 %*	*50-200*	*02/09/23*	*02/09/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2306070
Chloride	ND	20.0	1	02/09/23	02/11/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/14/2023 3:31:16PM

S4 - 1'

E302039-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2306057
Benzene	ND	0.0250	1	02/09/23	02/10/23	
Ethylbenzene	ND	0.0250	1	02/09/23	02/10/23	
Toluene	ND	0.0250	1	02/09/23	02/10/23	
o-Xylene	ND	0.0250	1	02/09/23	02/10/23	
p,m-Xylene	ND	0.0500	1	02/09/23	02/10/23	
Total Xylenes	ND	0.0250	1	02/09/23	02/10/23	
Surrogate: 4-Bromochlorobenzene-PID		*98.5 %*	*70-130*	*02/09/23*	*02/10/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2306057
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/09/23	02/10/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.5 %*	*70-130*	*02/09/23*	*02/10/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2306055
Diesel Range Organics (C10-C28)	**56.3**	25.0	1	02/09/23	02/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/09/23	02/09/23	
Surrogate: n-Nonane		*104 %*	*50-200*	*02/09/23*	*02/09/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2306070
Chloride	**23.2**	20.0	1	02/09/23	02/11/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/14/2023 3:31:16PM

S4 - 3'

E302039-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2306057
Benzene	ND	0.0250	1	02/09/23	02/11/23	
Ethylbenzene	ND	0.0250	1	02/09/23	02/11/23	
Toluene	ND	0.0250	1	02/09/23	02/11/23	
o-Xylene	ND	0.0250	1	02/09/23	02/11/23	
p,m-Xylene	ND	0.0500	1	02/09/23	02/11/23	
Total Xylenes	ND	0.0250	1	02/09/23	02/11/23	
Surrogate: 4-Bromochlorobenzene-PID		*99.7 %*	*70-130*	*02/09/23*	*02/11/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2306057
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/09/23	02/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.6 %*	*70-130*	*02/09/23*	*02/11/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2306055
Diesel Range Organics (C10-C28)	ND	25.0	1	02/09/23	02/10/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/09/23	02/10/23	
Surrogate: n-Nonane		*104 %*	*50-200*	*02/09/23*	*02/10/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2306070
Chloride	**41.1**	20.0	1	02/09/23	02/11/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/14/2023 3:31:16PM

S4 - 4'

E302039-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2306057
Benzene	ND	0.0250	1	02/09/23	02/11/23	
Ethylbenzene	ND	0.0250	1	02/09/23	02/11/23	
Toluene	ND	0.0250	1	02/09/23	02/11/23	
o-Xylene	ND	0.0250	1	02/09/23	02/11/23	
p,m-Xylene	ND	0.0500	1	02/09/23	02/11/23	
Total Xylenes	ND	0.0250	1	02/09/23	02/11/23	
Surrogate: 4-Bromochlorobenzene-PID		*98.8 %*	*70-130*	*02/09/23*	*02/11/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2306057
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/09/23	02/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.2 %*	*70-130*	*02/09/23*	*02/11/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2306055
Diesel Range Organics (C10-C28)	ND	25.0	1	02/09/23	02/10/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/09/23	02/10/23	
Surrogate: n-Nonane		*105 %*	*50-200*	*02/09/23*	*02/10/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2306070
Chloride	ND	20.0	1	02/09/23	02/11/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/14/2023 3:31:16PM

S5 - 1'

E302039-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2306057
Benzene	ND	0.0250	1	02/09/23	02/11/23	
Ethylbenzene	ND	0.0250	1	02/09/23	02/11/23	
Toluene	ND	0.0250	1	02/09/23	02/11/23	
o-Xylene	ND	0.0250	1	02/09/23	02/11/23	
p,m-Xylene	ND	0.0500	1	02/09/23	02/11/23	
Total Xylenes	ND	0.0250	1	02/09/23	02/11/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.7 %*	*70-130*	*02/09/23*	*02/11/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2306057
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/09/23	02/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.4 %*	*70-130*	*02/09/23*	*02/11/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2306055
Diesel Range Organics (C10-C28)	ND	25.0	1	02/09/23	02/10/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/09/23	02/10/23	
Surrogate: n-Nonane		*105 %*	*50-200*	*02/09/23*	*02/10/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2306070
Chloride	**251**	20.0	1	02/09/23	02/11/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/14/2023 3:31:16PM

S5 - 3'

E302039-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2306057
Benzene	ND	0.0250	1	02/09/23	02/11/23	
Ethylbenzene	ND	0.0250	1	02/09/23	02/11/23	
Toluene	ND	0.0250	1	02/09/23	02/11/23	
o-Xylene	ND	0.0250	1	02/09/23	02/11/23	
p,m-Xylene	ND	0.0500	1	02/09/23	02/11/23	
Total Xylenes	ND	0.0250	1	02/09/23	02/11/23	
Surrogate: 4-Bromochlorobenzene-PID		*97.8 %*	*70-130*	*02/09/23*	*02/11/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2306057
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/09/23	02/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.6 %*	*70-130*	*02/09/23*	*02/11/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2306055
Diesel Range Organics (C10-C28)	ND	25.0	1	02/09/23	02/10/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/09/23	02/10/23	
Surrogate: n-Nonane		*104 %*	*50-200*	*02/09/23*	*02/10/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2306070
Chloride	**52.9**	20.0	1	02/09/23	02/11/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/14/2023 3:31:16PM

S5 - 4'

E302039-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2306057
Benzene	ND	0.0250	1	02/09/23	02/11/23	
Ethylbenzene	ND	0.0250	1	02/09/23	02/11/23	
Toluene	ND	0.0250	1	02/09/23	02/11/23	
o-Xylene	ND	0.0250	1	02/09/23	02/11/23	
p,m-Xylene	ND	0.0500	1	02/09/23	02/11/23	
Total Xylenes	ND	0.0250	1	02/09/23	02/11/23	
Surrogate: 4-Bromochlorobenzene-PID		*97.8 %*	*70-130*	*02/09/23*	*02/11/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2306057
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/09/23	02/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.2 %*	*70-130*	*02/09/23*	*02/11/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2306055
Diesel Range Organics (C10-C28)	ND	25.0	1	02/09/23	02/10/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/09/23	02/10/23	
Surrogate: n-Nonane		*108 %*	*50-200*	*02/09/23*	*02/10/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2306070
Chloride	ND	20.0	1	02/09/23	02/11/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/14/2023 3:31:16PM

S6 - 1'

E302039-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2306057
Benzene	ND	0.0250	1	02/09/23	02/11/23	
Ethylbenzene	ND	0.0250	1	02/09/23	02/11/23	
Toluene	ND	0.0250	1	02/09/23	02/11/23	
o-Xylene	ND	0.0250	1	02/09/23	02/11/23	
p,m-Xylene	ND	0.0500	1	02/09/23	02/11/23	
Total Xylenes	ND	0.0250	1	02/09/23	02/11/23	
Surrogate: 4-Bromochlorobenzene-PID		*97.1 %*	*70-130*	*02/09/23*	*02/11/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2306057
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/09/23	02/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.4 %*	*70-130*	*02/09/23*	*02/11/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2306055
Diesel Range Organics (C10-C28)	ND	25.0	1	02/09/23	02/10/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/09/23	02/10/23	
Surrogate: n-Nonane		*104 %*	*50-200*	*02/09/23*	*02/10/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2306070
Chloride	**268**	20.0	1	02/09/23	02/11/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/14/2023 3:31:16PM

S6 - 3'

E302039-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2306057
Benzene	ND	0.0250	1	02/09/23	02/11/23	
Ethylbenzene	ND	0.0250	1	02/09/23	02/11/23	
Toluene	ND	0.0250	1	02/09/23	02/11/23	
o-Xylene	ND	0.0250	1	02/09/23	02/11/23	
p,m-Xylene	ND	0.0500	1	02/09/23	02/11/23	
Total Xylenes	ND	0.0250	1	02/09/23	02/11/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.4 %*	*70-130*	*02/09/23*	*02/11/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2306057
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/09/23	02/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.8 %*	*70-130*	*02/09/23*	*02/11/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2306055
Diesel Range Organics (C10-C28)	ND	25.0	1	02/09/23	02/10/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/09/23	02/10/23	
Surrogate: n-Nonane		*105 %*	*50-200*	*02/09/23*	*02/10/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2306070
Chloride	**151**	20.0	1	02/09/23	02/11/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/14/2023 3:31:16PM

S6 - 4'

E302039-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2306057
Benzene	ND	0.0250	1	02/09/23	02/11/23	
Ethylbenzene	ND	0.0250	1	02/09/23	02/11/23	
Toluene	ND	0.0250	1	02/09/23	02/11/23	
o-Xylene	ND	0.0250	1	02/09/23	02/11/23	
p,m-Xylene	ND	0.0500	1	02/09/23	02/11/23	
Total Xylenes	ND	0.0250	1	02/09/23	02/11/23	
Surrogate: 4-Bromochlorobenzene-PID		*97.0 %*	*70-130*	*02/09/23*	*02/11/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2306057
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/09/23	02/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.7 %*	*70-130*	*02/09/23*	*02/11/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2306055
Diesel Range Organics (C10-C28)	ND	25.0	1	02/09/23	02/10/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/09/23	02/10/23	
Surrogate: n-Nonane		*106 %*	*50-200*	*02/09/23*	*02/10/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2306070
Chloride	ND	20.0	1	02/09/23	02/11/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/14/2023 3:31:16PM

SW1

E302039-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2306057
Benzene	ND	0.0250	1	02/09/23	02/11/23	
Ethylbenzene	ND	0.0250	1	02/09/23	02/11/23	
Toluene	ND	0.0250	1	02/09/23	02/11/23	
o-Xylene	ND	0.0250	1	02/09/23	02/11/23	
p,m-Xylene	ND	0.0500	1	02/09/23	02/11/23	
Total Xylenes	ND	0.0250	1	02/09/23	02/11/23	
Surrogate: 4-Bromochlorobenzene-PID		*97.1 %*	*70-130*	*02/09/23*	*02/11/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2306057
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/09/23	02/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.7 %*	*70-130*	*02/09/23*	*02/11/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2306055
Diesel Range Organics (C10-C28)	ND	25.0	1	02/09/23	02/10/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/09/23	02/10/23	
Surrogate: n-Nonane		*108 %*	*50-200*	*02/09/23*	*02/10/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2306070
Chloride	ND	20.0	1	02/09/23	02/11/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/14/2023 3:31:16PM

SW2

E302039-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2306057
Benzene	ND	0.0250	1	02/09/23	02/11/23	
Ethylbenzene	ND	0.0250	1	02/09/23	02/11/23	
Toluene	ND	0.0250	1	02/09/23	02/11/23	
o-Xylene	ND	0.0250	1	02/09/23	02/11/23	
p,m-Xylene	ND	0.0500	1	02/09/23	02/11/23	
Total Xylenes	ND	0.0250	1	02/09/23	02/11/23	
Surrogate: 4-Bromochlorobenzene-PID		*98.2 %*	*70-130*	*02/09/23*	*02/11/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2306057
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/09/23	02/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.0 %*	*70-130*	*02/09/23*	*02/11/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2306055
Diesel Range Organics (C10-C28)	ND	25.0	1	02/09/23	02/10/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/09/23	02/10/23	
Surrogate: n-Nonane		*106 %*	*50-200*	*02/09/23*	*02/10/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2306070
Chloride	ND	20.0	1	02/09/23	02/11/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/14/2023 3:31:16PM

SW3

E302039-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2306053
Benzene	ND	0.0250	1	02/09/23	02/10/23	
Ethylbenzene	ND	0.0250	1	02/09/23	02/10/23	
Toluene	ND	0.0250	1	02/09/23	02/10/23	
o-Xylene	ND	0.0250	1	02/09/23	02/10/23	
p,m-Xylene	ND	0.0500	1	02/09/23	02/10/23	
Total Xylenes	ND	0.0250	1	02/09/23	02/10/23	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*02/09/23*	*02/10/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2306053
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/09/23	02/10/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.5 %*	*70-130*	*02/09/23*	*02/10/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2306067
Diesel Range Organics (C10-C28)	ND	25.0	1	02/09/23	02/10/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/09/23	02/10/23	
Surrogate: n-Nonane		*103 %*	*50-200*	*02/09/23*	*02/10/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2306071
Chloride	ND	20.0	1	02/09/23	02/09/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/14/2023 3:31:16PM

SW4

E302039-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2306053
Benzene	ND	0.0250	1	02/09/23	02/10/23	
Ethylbenzene	ND	0.0250	1	02/09/23	02/10/23	
Toluene	ND	0.0250	1	02/09/23	02/10/23	
o-Xylene	ND	0.0250	1	02/09/23	02/10/23	
p,m-Xylene	ND	0.0500	1	02/09/23	02/10/23	
Total Xylenes	ND	0.0250	1	02/09/23	02/10/23	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*02/09/23*	*02/10/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2306053
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/09/23	02/10/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.5 %*	*70-130*	*02/09/23*	*02/10/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2306067
Diesel Range Organics (C10-C28)	ND	25.0	1	02/09/23	02/10/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/09/23	02/10/23	
Surrogate: n-Nonane		*103 %*	*50-200*	*02/09/23*	*02/10/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2306071
Chloride	ND	20.0	1	02/09/23	02/09/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/14/2023 3:31:16PM

BG1

E302039-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2306053
Benzene	ND	0.0250	1	02/09/23	02/10/23	
Ethylbenzene	ND	0.0250	1	02/09/23	02/10/23	
Toluene	ND	0.0250	1	02/09/23	02/10/23	
o-Xylene	ND	0.0250	1	02/09/23	02/10/23	
p,m-Xylene	ND	0.0500	1	02/09/23	02/10/23	
Total Xylenes	ND	0.0250	1	02/09/23	02/10/23	
Surrogate: 4-Bromochlorobenzene-PID		*99.4 %*	*70-130*	*02/09/23*	*02/10/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2306053
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/09/23	02/10/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.3 %*	*70-130*	*02/09/23*	*02/10/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2306067
Diesel Range Organics (C10-C28)	ND	25.0	1	02/09/23	02/10/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/09/23	02/10/23	
Surrogate: n-Nonane		*107 %*	*50-200*	*02/09/23*	*02/10/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2306071
Chloride	ND	20.0	1	02/09/23	02/10/23	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/14/2023 3:31:16PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2306053-BLK1)									Prepared: 02/09/23 Analyzed: 02/10/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*8.04*		*8.00*		*101*	*70-130*			
LCS (2306053-BS1)									Prepared: 02/09/23 Analyzed: 02/10/23
Benzene	4.59	0.0250	5.00		91.8	70-130			
Ethylbenzene	4.46	0.0250	5.00		89.2	70-130			
Toluene	4.64	0.0250	5.00		92.7	70-130			
o-Xylene	4.62	0.0250	5.00		92.4	70-130			
p,m-Xylene	9.01	0.0500	10.0		90.1	70-130			
Total Xylenes	13.6	0.0250	15.0		90.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.95*		*8.00*		*99.4*	*70-130*			
Matrix Spike (2306053-MS1)				**Source: E302050-01**					Prepared: 02/09/23 Analyzed: 02/10/23
Benzene	4.94	0.0250	5.00	ND	98.8	54-133			
Ethylbenzene	4.85	0.0250	5.00	ND	97.0	61-133			
Toluene	5.03	0.0250	5.00	ND	101	61-130			
o-Xylene	5.00	0.0250	5.00	ND	100	63-131			
p,m-Xylene	9.82	0.0500	10.0	ND	98.2	63-131			
Total Xylenes	14.8	0.0250	15.0	ND	98.8	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.92*		*8.00*		*99.0*	*70-130*			
Matrix Spike Dup (2306053-MSD1)				**Source: E302050-01**					Prepared: 02/09/23 Analyzed: 02/10/23
Benzene	5.46	0.0250	5.00	ND	109	54-133	10.0	20	
Ethylbenzene	5.38	0.0250	5.00	ND	108	61-133	10.3	20	
Toluene	5.55	0.0250	5.00	ND	111	61-130	9.78	20	
o-Xylene	5.55	0.0250	5.00	ND	111	63-131	10.4	20	
p,m-Xylene	10.9	0.0500	10.0	ND	109	63-131	10.1	20	
Total Xylenes	16.4	0.0250	15.0	ND	109	63-131	10.2	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.94*		*8.00*		*99.2*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/14/2023 3:31:16PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2306057-BLK1)									Prepared: 02/09/23 Analyzed: 02/10/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*8.00*		*8.00*		*100*	*70-130*			
LCS (2306057-BS1)									Prepared: 02/09/23 Analyzed: 02/10/23
Benzene	4.69	0.0250	5.00		93.7	70-130			
Ethylbenzene	4.66	0.0250	5.00		93.2	70-130			
Toluene	4.82	0.0250	5.00		96.5	70-130			
o-Xylene	4.83	0.0250	5.00		96.7	70-130			
p,m-Xylene	9.40	0.0500	10.0		94.0	70-130			
Total Xylenes	14.2	0.0250	15.0		94.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.04*		*8.00*		*100*	*70-130*			
Matrix Spike (2306057-MS1)				**Source: E302039-04**					Prepared: 02/09/23 Analyzed: 02/10/23
Benzene	4.79	0.0250	5.00	ND	95.7	54-133			
Ethylbenzene	4.81	0.0250	5.00	ND	96.2	61-133			
Toluene	4.95	0.0250	5.00	ND	99.0	61-130			
o-Xylene	4.97	0.0250	5.00	ND	99.3	63-131			
p,m-Xylene	9.74	0.0500	10.0	ND	97.4	63-131			
Total Xylenes	14.7	0.0250	15.0	ND	98.0	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*8.07*		*8.00*		*101*	*70-130*			
Matrix Spike Dup (2306057-MSD1)				**Source: E302039-04**					Prepared: 02/09/23 Analyzed: 02/10/23
Benzene	5.37	0.0250	5.00	ND	107	54-133	11.5	20	
Ethylbenzene	5.38	0.0250	5.00	ND	108	61-133	11.2	20	
Toluene	5.54	0.0250	5.00	ND	111	61-130	11.3	20	
o-Xylene	5.58	0.0250	5.00	ND	112	63-131	11.6	20	
p,m-Xylene	10.8	0.0500	10.0	ND	108	63-131	10.7	20	
Total Xylenes	16.4	0.0250	15.0	ND	109	63-131	11.0	20	
Surrogate: 4-Bromochlorobenzene-PID	*8.04*		*8.00*		*101*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/14/2023 3:31:16PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2306053-BLK1)									Prepared: 02/09/23 Analyzed: 02/10/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.66*		*8.00*		*95.7*	*70-130*			
LCS (2306053-BS2)									Prepared: 02/09/23 Analyzed: 02/10/23
Gasoline Range Organics (C6-C10)	51.0	20.0	50.0		102	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.31*		*8.00*		*91.4*	*70-130*			
Matrix Spike (2306053-MS2)				**Source: E302050-01**					Prepared: 02/09/23 Analyzed: 02/10/23
Gasoline Range Organics (C6-C10)	47.3	20.0	50.0	ND	94.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.41*		*8.00*		*92.6*	*70-130*			
Matrix Spike Dup (2306053-MSD2)				**Source: E302050-01**					Prepared: 02/09/23 Analyzed: 02/10/23
Gasoline Range Organics (C6-C10)	52.0	20.0	50.0	ND	104	70-130	9.34	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.46*		*8.00*		*93.3*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/14/2023 3:31:16PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2306057-BLK1)									Prepared: 02/09/23 Analyzed: 02/10/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.16*		*8.00*		*89.5*	*70-130*			
LCS (2306057-BS2)									Prepared: 02/09/23 Analyzed: 02/10/23
Gasoline Range Organics (C6-C10)	50.0	20.0	50.0		100	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.40*		*8.00*		*92.5*	*70-130*			
Matrix Spike (2306057-MS2)				**Source: E302039-04**					Prepared: 02/09/23 Analyzed: 02/10/23
Gasoline Range Organics (C6-C10)	49.8	20.0	50.0	ND	99.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.62*		*8.00*		*95.2*	*70-130*			
Matrix Spike Dup (2306057-MSD2)				**Source: E302039-04**					Prepared: 02/09/23 Analyzed: 02/10/23
Gasoline Range Organics (C6-C10)	48.7	20.0	50.0	ND	97.4	70-130	2.14	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.47*		*8.00*		*93.4*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/14/2023 3:31:16PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2306055-BLK1)									Prepared: 02/09/23 Analyzed: 02/09/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*52.7*		*50.0*		*105*	*50-200*			
LCS (2306055-BS1)									Prepared: 02/09/23 Analyzed: 02/09/23
Diesel Range Organics (C10-C28)	258	25.0	250		103	38-132			
Surrogate: n-Nonane	*51.5*		*50.0*		*103*	*50-200*			
Matrix Spike (2306055-MS1)				**Source: E302039-01**					Prepared: 02/09/23 Analyzed: 02/09/23
Diesel Range Organics (C10-C28)	299	25.0	250	159	55.8	38-132			
Surrogate: n-Nonane	*50.2*		*50.0*		*100*	*50-200*			
Matrix Spike Dup (2306055-MSD1)				**Source: E302039-01**					Prepared: 02/09/23 Analyzed: 02/09/23
Diesel Range Organics (C10-C28)	307	25.0	250	159	59.2	38-132	2.81	20	
Surrogate: n-Nonane	*51.5*		*50.0*		*103*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/14/2023 3:31:16PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2306067-BLK1)									Prepared: 02/09/23 Analyzed: 02/10/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*53.0*		*50.0*		*106*	*50-200*			
LCS (2306067-BS1)									Prepared: 02/09/23 Analyzed: 02/10/23
Diesel Range Organics (C10-C28)	246	25.0	250		98.4	38-132			
Surrogate: n-Nonane	*51.0*		*50.0*		*102*	*50-200*			
Matrix Spike (2306067-MS1)				**Source: E302052-09**					Prepared: 02/09/23 Analyzed: 02/10/23
Diesel Range Organics (C10-C28)	246	25.0	250	ND	98.4	38-132			
Surrogate: n-Nonane	*50.7*		*50.0*		*101*	*50-200*			
Matrix Spike Dup (2306067-MSD1)				**Source: E302052-09**					Prepared: 02/09/23 Analyzed: 02/10/23
Diesel Range Organics (C10-C28)	258	25.0	250	ND	103	38-132	4.67	20	
Surrogate: n-Nonane	*51.1*		*50.0*		*102*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/14/2023 3:31:16PM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2306070-BLK1)									Prepared: 02/09/23 Analyzed: 02/11/23
Chloride	ND	20.0							
LCS (2306070-BS1)									Prepared: 02/09/23 Analyzed: 02/11/23
Chloride	271	20.0	250		108	90-110			
Matrix Spike (2306070-MS1)				**Source: E302039-01**					Prepared: 02/09/23 Analyzed: 02/11/23
Chloride	289	20.0	250	ND	116	80-120			
Matrix Spike Dup (2306070-MSD1)				**Source: E302039-01**					Prepared: 02/09/23 Analyzed: 02/11/23
Chloride	287	20.0	250	ND	115	80-120	0.764	20	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/14/2023 3:31:16PM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2306071-BLK1)									Prepared: 02/09/23 Analyzed: 02/09/23
Chloride	ND	20.0							
LCS (2306071-BS1)									Prepared: 02/09/23 Analyzed: 02/09/23
Chloride	264	20.0	250		105	90-110			
Matrix Spike (2306071-MS1)				**Source: E302039-21**					Prepared: 02/09/23 Analyzed: 02/09/23
Chloride	266	20.0	250	ND	107	80-120			
Matrix Spike Dup (2306071-MSD1)				**Source: E302039-21**					Prepared: 02/09/23 Analyzed: 02/09/23
Chloride	268	20.0	250	ND	107	80-120	0.610	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:	Fighting Okra 18 CTB 4	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	02/14/23 15:31

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

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

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

Project Information | Chain of Custody | Page 1 of 3

Client: Pima Environmental Services	Bill To
Project: Fighting Okra 18 CTB 1	Attention: Devon
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM. 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project # 112-1'
Report due by:	

Lab Use Only: Lab WO# E302039 | Job Number 01058-0007

TAT: 1D | 2D | 3D | Standard X

EPA Program: CWA | SDWA | RCRA

State: NM X | CO | UT | AZ | TX

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC NM	Remarks
2:00	2/6/23	S	1	S1-1'	1	X	
2:05				S1-3'	2		
2:10				S1-4'	3		
2:15				S2-1'	4		
2:20				S2-3'	5		
2:25				S2-4'	6		
2:30				S3-1'	7		
2:35				S3-3'	8		
2:40				S3-4'	9		
2:45				S4-1'	10		

Additional Instructions: Billing # 210608O4

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: Andrina 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)	Date	Time	Received by: (Signature)	Date	Time
AB	2-7-23	2:00	Michelle Cuyle	2-7-23	1500
Michelle Cuyle	2-7-23	1750	Lorenzo Lei	2-7-23	1750
Lorenzo Lei	2-7-23	2345	[illegible]	2/8/23	7:30

Lab Use Only — Received on ice: (Y) / N

T1 _____ T2 _____ T3 _____

AVG Temp °C 4.0

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.

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Project Information | Chain of Custody | Page 2 of 3

Client: Pima Environmental Services	Bill To
Project: Fighting OKra 18 CTB	Attention: Devon
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project # 112-1
Report due by:	

Lab Use Only: Lab WO# E302039 | Job Number 01058-0007

TAT: 1D | 2D | 3D | Standard X

EPA Program: CWA | SDWA | RCRA

State: NM X | CO | UT | AZ | TX

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC NM	Remarks
2:50	2/6/23	S	1	SL1-3'	11	X	
2:55				SL1-4'	12		
3:00				SS-1'	13		
3:05				SS-3'	14		
3:10				SS-4'	15		
3:15				SL6-1'	16		
3:20				SL6-3'	17		
3:25				SL6-4'	18		
3:30				SW1	19		
3:35				SW2	20		

Additional Instructions: Billing Number: 210608O4

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Adriana 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)	Date	Time	Received by: (Signature)	Date	Time
	2-7-23	2:00	Michelle Cuyes	2-7-23	1500
Michelle Cuyes	2-7-23	1750	Lorenzo Lei	2-7-23	1750
Lorenzo Lei	2-7-23	2345	[illegible]	2/8/23	7:30

Lab Use Only: Received on ice: (Y) / N

T1 _____ T2 _____ T3 _____

AVG Temp °C 4.0

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.

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Project Information | Chain of Custody | Page 3 of 3

Client: Pima Environmental Services	Bill To
Project: Fighting OKra 18 CTB4	Attention: Devon
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project # 112-1
Report due by:	

Lab Use Only: Lab WO# E302039 | Job Number 01059-0007

TAT: 1D | 2D | 3D | Standard X

EPA Program: CWA | SDWA | RCRA

State: NM X | CO | UT | AZ | TX

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC NM	Remarks
3:40	2/6/23	S	1	SW3	21	X	
3:45	↓	↓	↓	SW4	22	↓	
3:50	↓	↓	↓	BG1	23	↓	

Additional Instructions: Billing #: 210608O4

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)	Date	Time	Received by: (Signature)	Date	Time
AB	2-7-23	2:00	Michelle Gaytan	2-7-23	1500
Michelle Gaytan	2-7-23	1750	Lorenzo Lera	2-7-23	1750
Lorenzo Lera	2-7-23	2345	Irene Zuzu	2/8/23	7:30

Lab Use Only — Received on ice: (Y) / N

T1 _____ T2 _____ T3 _____

AVG Temp °C 4.0

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.

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Envirotech Analytical Laboratory

Printed: 2/8/2023 1:33:43PM

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:	02/08/23 07:30	Work Order ID:	E302039
Phone:	(575) 631-6977	Date Logged In:	02/08/23 09:46	Logged In By:	Caitlin Christian
Email:	tom@pimaoil.com	Due Date:	02/14/23 07:00 (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	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

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 Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes
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 filteration required and/or requested for dissolved metals?	No

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date

envirotech Inc.

Report to:

Gio Gomez

5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Fighting Okra 18 CTB 4
Work Order:	E407166
Job Number:	01058-0007
Received:	7/23/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/23/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 7/23/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247

Project Name: Fighting Okra 18 CTB 4
Workorder: E407166
Date Received: 7/23/2024 6:00:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/23/2024 6:00:00AM, under the Project Name: Fighting Okra 18 CTB 4.

The analytical test results summarized in this report with the Project Name: Fighting Okra 18 CTB 4 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 reguarding 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

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Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Table of Contents (continued)

Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	07/23/24 16:27

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS1	E407166-01A	Soil	07/19/24	07/23/24	Glass Jar, 2 oz.
CS2	E407166-02A	Soil	07/19/24	07/23/24	Glass Jar, 2 oz.
CS3	E407166-03A	Soil	07/19/24	07/23/24	Glass Jar, 2 oz.
CS4	E407166-04A	Soil	07/19/24	07/23/24	Glass Jar, 2 oz.
CS5	E407166-05A	Soil	07/19/24	07/23/24	Glass Jar, 2 oz.
CS6	E407166-06A	Soil	07/19/24	07/23/24	Glass Jar, 2 oz.
CS7	E407166-07A	Soil	07/19/24	07/23/24	Glass Jar, 2 oz.
CSW1	E407166-08A	Soil	07/19/24	07/23/24	Glass Jar, 2 oz.
CSW2	E407166-09A	Soil	07/19/24	07/23/24	Glass Jar, 2 oz.
CSW3	E407166-10A	Soil	07/19/24	07/23/24	Glass Jar, 2 oz.
CSW4	E407166-11A	Soil	07/19/24	07/23/24	Glass Jar, 2 oz.
CSW5	E407166-12A	Soil	07/19/24	07/23/24	Glass Jar, 2 oz.
CSW6	E407166-13A	Soil	07/19/24	07/23/24	Glass Jar, 2 oz.
CSW7	E407166-14A	Soil	07/19/24	07/23/24	Glass Jar, 2 oz.
CSW8	E407166-15A	Soil	07/19/24	07/23/24	Glass Jar, 2 oz.
CSW9	E407166-16A	Soil	07/19/24	07/23/24	Glass Jar, 2 oz.
CSW10	E407166-17A	Soil	07/19/24	07/23/24	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/23/2024 4:27:57PM

CS1

E407166-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2430034
Benzene	ND	0.0250	1	07/23/24	07/23/24	
Ethylbenzene	ND	0.0250	1	07/23/24	07/23/24	
Toluene	ND	0.0250	1	07/23/24	07/23/24	
o-Xylene	ND	0.0250	1	07/23/24	07/23/24	
p,m-Xylene	ND	0.0500	1	07/23/24	07/23/24	
Total Xylenes	ND	0.0250	1	07/23/24	07/23/24	
Surrogate: Bromofluorobenzene		*105 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*07/23/24*	*07/23/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2430034
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/24	07/23/24	
Surrogate: Bromofluorobenzene		*105 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*07/23/24*	*07/23/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2430005
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/24	07/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/24	07/23/24	
Surrogate: n-Nonane		*126 %*	*50-200*	*07/23/24*	*07/23/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2430022
Chloride	ND	20.0	1	07/23/24	07/23/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/23/2024 4:27:57PM

CS2

E407166-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2430034
Benzene	ND	0.0250	1	07/23/24	07/23/24	
Ethylbenzene	ND	0.0250	1	07/23/24	07/23/24	
Toluene	ND	0.0250	1	07/23/24	07/23/24	
o-Xylene	ND	0.0250	1	07/23/24	07/23/24	
p,m-Xylene	ND	0.0500	1	07/23/24	07/23/24	
Total Xylenes	ND	0.0250	1	07/23/24	07/23/24	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: 1,2-Dichloroethane-d4		*99.3 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: Toluene-d8		*99.4 %*	*70-130*	*07/23/24*	*07/23/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2430034
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/24	07/23/24	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: 1,2-Dichloroethane-d4		*99.3 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: Toluene-d8		*99.4 %*	*70-130*	*07/23/24*	*07/23/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2430005
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/24	07/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/24	07/23/24	
Surrogate: n-Nonane		*117 %*	*50-200*	*07/23/24*	*07/23/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2430022
Chloride	ND	20.0	1	07/23/24	07/23/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/23/2024 4:27:57PM

CS3

E407166-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2430034
Benzene	ND	0.0250	1	07/23/24	07/23/24	
Ethylbenzene	ND	0.0250	1	07/23/24	07/23/24	
Toluene	ND	0.0250	1	07/23/24	07/23/24	
o-Xylene	ND	0.0250	1	07/23/24	07/23/24	
p,m-Xylene	ND	0.0500	1	07/23/24	07/23/24	
Total Xylenes	ND	0.0250	1	07/23/24	07/23/24	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*07/23/24*	*07/23/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2430034
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/24	07/23/24	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*07/23/24*	*07/23/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2430005
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/24	07/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/24	07/23/24	
Surrogate: n-Nonane		*115 %*	*50-200*	*07/23/24*	*07/23/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2430022
Chloride	ND	20.0	1	07/23/24	07/23/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/23/2024 4:27:57PM

CS4

E407166-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2430034
Benzene	ND	0.0250	1	07/23/24	07/23/24	
Ethylbenzene	ND	0.0250	1	07/23/24	07/23/24	
Toluene	ND	0.0250	1	07/23/24	07/23/24	
o-Xylene	ND	0.0250	1	07/23/24	07/23/24	
p,m-Xylene	ND	0.0500	1	07/23/24	07/23/24	
Total Xylenes	ND	0.0250	1	07/23/24	07/23/24	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: 1,2-Dichloroethane-d4		*99.6 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*07/23/24*	*07/23/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2430034
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/24	07/23/24	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: 1,2-Dichloroethane-d4		*99.6 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*07/23/24*	*07/23/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2430005
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/24	07/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/24	07/23/24	
Surrogate: n-Nonane		*118 %*	*50-200*	*07/23/24*	*07/23/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2430022
Chloride	ND	20.0	1	07/23/24	07/23/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/23/2024 4:27:57PM

CS5

E407166-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2430034
Benzene	ND	0.0250	1	07/23/24	07/23/24	
Ethylbenzene	ND	0.0250	1	07/23/24	07/23/24	
Toluene	ND	0.0250	1	07/23/24	07/23/24	
o-Xylene	ND	0.0250	1	07/23/24	07/23/24	
p,m-Xylene	ND	0.0500	1	07/23/24	07/23/24	
Total Xylenes	ND	0.0250	1	07/23/24	07/23/24	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*07/23/24*	*07/23/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2430034
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/24	07/23/24	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*07/23/24*	*07/23/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2430005
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/24	07/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/24	07/23/24	
Surrogate: n-Nonane		*119 %*	*50-200*	*07/23/24*	*07/23/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2430022
Chloride	ND	20.0	1	07/23/24	07/23/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/23/2024 4:27:57PM

CS6

E407166-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2430034
Benzene	ND	0.0250	1	07/23/24	07/23/24	
Ethylbenzene	ND	0.0250	1	07/23/24	07/23/24	
Toluene	ND	0.0250	1	07/23/24	07/23/24	
o-Xylene	ND	0.0250	1	07/23/24	07/23/24	
p,m-Xylene	ND	0.0500	1	07/23/24	07/23/24	
Total Xylenes	ND	0.0250	1	07/23/24	07/23/24	
Surrogate: Bromofluorobenzene		*105 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: 1,2-Dichloroethane-d4		*98.8 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*07/23/24*	*07/23/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2430034
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/24	07/23/24	
Surrogate: Bromofluorobenzene		*105 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: 1,2-Dichloroethane-d4		*98.8 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*07/23/24*	*07/23/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2430005
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/24	07/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/24	07/23/24	
Surrogate: n-Nonane		*116 %*	*50-200*	*07/23/24*	*07/23/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2430022
Chloride	ND	20.0	1	07/23/24	07/23/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/23/2024 4:27:57PM

CS7

E407166-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2430034
Benzene	ND	0.0250	1	07/23/24	07/23/24	
Ethylbenzene	ND	0.0250	1	07/23/24	07/23/24	
Toluene	ND	0.0250	1	07/23/24	07/23/24	
o-Xylene	ND	0.0250	1	07/23/24	07/23/24	
p,m-Xylene	ND	0.0500	1	07/23/24	07/23/24	
Total Xylenes	ND	0.0250	1	07/23/24	07/23/24	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: Toluene-d8		*99.9 %*	*70-130*	*07/23/24*	*07/23/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2430034
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/24	07/23/24	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: Toluene-d8		*99.9 %*	*70-130*	*07/23/24*	*07/23/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2430005
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/24	07/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/24	07/23/24	
Surrogate: n-Nonane		*118 %*	*50-200*	*07/23/24*	*07/23/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2430022
Chloride	ND	20.0	1	07/23/24	07/23/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/23/2024 4:27:57PM

CSW1

E407166-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2430034
Benzene	ND	0.0250	1	07/23/24	07/23/24	
Ethylbenzene	ND	0.0250	1	07/23/24	07/23/24	
Toluene	ND	0.0250	1	07/23/24	07/23/24	
o-Xylene	ND	0.0250	1	07/23/24	07/23/24	
p,m-Xylene	ND	0.0500	1	07/23/24	07/23/24	
Total Xylenes	ND	0.0250	1	07/23/24	07/23/24	
Surrogate: Bromofluorobenzene		*105 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: 1,2-Dichloroethane-d4		*99.8 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*07/23/24*	*07/23/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2430034
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/24	07/23/24	
Surrogate: Bromofluorobenzene		*105 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: 1,2-Dichloroethane-d4		*99.8 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*07/23/24*	*07/23/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2430005
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/24	07/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/24	07/23/24	
Surrogate: n-Nonane		*96.2 %*	*50-200*	*07/23/24*	*07/23/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2430022
Chloride	ND	20.0	1	07/23/24	07/23/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/23/2024 4:27:57PM

CSW2

E407166-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2430034
Benzene	ND	0.0250	1	07/23/24	07/23/24	
Ethylbenzene	ND	0.0250	1	07/23/24	07/23/24	
Toluene	ND	0.0250	1	07/23/24	07/23/24	
o-Xylene	ND	0.0250	1	07/23/24	07/23/24	
p,m-Xylene	ND	0.0500	1	07/23/24	07/23/24	
Total Xylenes	ND	0.0250	1	07/23/24	07/23/24	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*07/23/24*	*07/23/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2430034
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/24	07/23/24	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*07/23/24*	*07/23/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2430005
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/24	07/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/24	07/23/24	
Surrogate: n-Nonane		*95.7 %*	*50-200*	*07/23/24*	*07/23/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2430022
Chloride	ND	20.0	1	07/23/24	07/23/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/23/2024 4:27:57PM

CSW3

E407166-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2430034
Benzene	ND	0.0250	1	07/23/24	07/23/24	
Ethylbenzene	ND	0.0250	1	07/23/24	07/23/24	
Toluene	ND	0.0250	1	07/23/24	07/23/24	
o-Xylene	ND	0.0250	1	07/23/24	07/23/24	
p,m-Xylene	ND	0.0500	1	07/23/24	07/23/24	
Total Xylenes	ND	0.0250	1	07/23/24	07/23/24	
Surrogate: Bromofluorobenzene		*120 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.4 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*07/23/24*	*07/23/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2430034
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/24	07/23/24	
Surrogate: Bromofluorobenzene		*120 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.4 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*07/23/24*	*07/23/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2430005
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/24	07/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/24	07/23/24	
Surrogate: n-Nonane		*94.8 %*	*50-200*	*07/23/24*	*07/23/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2430022
Chloride	ND	20.0	1	07/23/24	07/23/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/23/2024 4:27:57PM

CSW4

E407166-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2430034
Benzene	ND	0.0250	1	07/23/24	07/23/24	
Ethylbenzene	ND	0.0250	1	07/23/24	07/23/24	
Toluene	ND	0.0250	1	07/23/24	07/23/24	
o-Xylene	ND	0.0250	1	07/23/24	07/23/24	
p,m-Xylene	ND	0.0500	1	07/23/24	07/23/24	
Total Xylenes	ND	0.0250	1	07/23/24	07/23/24	
Surrogate: Bromofluorobenzene		*118 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.4 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*07/23/24*	*07/23/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2430034
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/24	07/23/24	
Surrogate: Bromofluorobenzene		*118 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.4 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*07/23/24*	*07/23/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2430005
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/24	07/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/24	07/23/24	
Surrogate: n-Nonane		*97.2 %*	*50-200*	*07/23/24*	*07/23/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2430022
Chloride	ND	20.0	1	07/23/24	07/23/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/23/2024 4:27:57PM

CSW5

E407166-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2430034
Benzene	ND	0.0250	1	07/23/24	07/23/24	
Ethylbenzene	ND	0.0250	1	07/23/24	07/23/24	
Toluene	ND	0.0250	1	07/23/24	07/23/24	
o-Xylene	ND	0.0250	1	07/23/24	07/23/24	
p,m-Xylene	ND	0.0500	1	07/23/24	07/23/24	
Total Xylenes	ND	0.0250	1	07/23/24	07/23/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.8 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*07/23/24*	*07/23/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2430034
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/24	07/23/24	
Surrogate: Bromofluorobenzene		*116 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.8 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*07/23/24*	*07/23/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2430005
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/24	07/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/24	07/23/24	
Surrogate: n-Nonane		*96.4 %*	*50-200*	*07/23/24*	*07/23/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2430022
Chloride	ND	20.0	1	07/23/24	07/23/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/23/2024 4:27:57PM

CSW6

E407166-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2430034
Benzene	ND	0.0250	1	07/23/24	07/23/24	
Ethylbenzene	ND	0.0250	1	07/23/24	07/23/24	
Toluene	ND	0.0250	1	07/23/24	07/23/24	
o-Xylene	ND	0.0250	1	07/23/24	07/23/24	
p,m-Xylene	ND	0.0500	1	07/23/24	07/23/24	
Total Xylenes	ND	0.0250	1	07/23/24	07/23/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: 1,2-Dichloroethane-d4		*88.6 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: Toluene-d8		*121 %*	*70-130*	*07/23/24*	*07/23/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2430034
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/24	07/23/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: 1,2-Dichloroethane-d4		*88.6 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: Toluene-d8		*121 %*	*70-130*	*07/23/24*	*07/23/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2430005
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/24	07/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/24	07/23/24	
Surrogate: n-Nonane		*98.8 %*	*50-200*	*07/23/24*	*07/23/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2430022
Chloride	ND	20.0	1	07/23/24	07/23/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/23/2024 4:27:57PM

CSW7

E407166-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2430034
Benzene	ND	0.0250	1	07/23/24	07/23/24	
Ethylbenzene	ND	0.0250	1	07/23/24	07/23/24	
Toluene	ND	0.0250	1	07/23/24	07/23/24	
o-Xylene	ND	0.0250	1	07/23/24	07/23/24	
p,m-Xylene	ND	0.0500	1	07/23/24	07/23/24	
Total Xylenes	ND	0.0250	1	07/23/24	07/23/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.0 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*07/23/24*	*07/23/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2430034
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/24	07/23/24	
Surrogate: Bromofluorobenzene		*115 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.0 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*07/23/24*	*07/23/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2430005
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/24	07/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/24	07/23/24	
Surrogate: n-Nonane		*94.3 %*	*50-200*	*07/23/24*	*07/23/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2430022
Chloride	ND	20.0	1	07/23/24	07/23/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/23/2024 4:27:57PM

CSW8

E407166-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2430034
Benzene	ND	0.0250	1	07/23/24	07/23/24	
Ethylbenzene	ND	0.0250	1	07/23/24	07/23/24	
Toluene	ND	0.0250	1	07/23/24	07/23/24	
o-Xylene	ND	0.0250	1	07/23/24	07/23/24	
p,m-Xylene	ND	0.0500	1	07/23/24	07/23/24	
Total Xylenes	ND	0.0250	1	07/23/24	07/23/24	
Surrogate: Bromofluorobenzene		*117 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.8 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*07/23/24*	*07/23/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2430034
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/24	07/23/24	
Surrogate: Bromofluorobenzene		*117 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.8 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*07/23/24*	*07/23/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2430005
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/24	07/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/24	07/23/24	
Surrogate: n-Nonane		*95.2 %*	*50-200*	*07/23/24*	*07/23/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2430022
Chloride	ND	20.0	1	07/23/24	07/23/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/23/2024 4:27:57PM

CSW9

E407166-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2430034
Benzene	ND	0.0250	1	07/23/24	07/23/24	
Ethylbenzene	ND	0.0250	1	07/23/24	07/23/24	
Toluene	ND	0.0250	1	07/23/24	07/23/24	
o-Xylene	ND	0.0250	1	07/23/24	07/23/24	
p,m-Xylene	ND	0.0500	1	07/23/24	07/23/24	
Total Xylenes	ND	0.0250	1	07/23/24	07/23/24	
Surrogate: Bromofluorobenzene		*125 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: 1,2-Dichloroethane-d4		*90.9 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*07/23/24*	*07/23/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2430034
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/24	07/23/24	
Surrogate: Bromofluorobenzene		*125 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: 1,2-Dichloroethane-d4		*90.9 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*07/23/24*	*07/23/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2430005
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/24	07/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/24	07/23/24	
Surrogate: n-Nonane		*94.8 %*	*50-200*	*07/23/24*	*07/23/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2430022
Chloride	ND	20.0	1	07/23/24	07/23/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/23/2024 4:27:57PM

CSW10

E407166-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2430034
Benzene	ND	0.0250	1	07/23/24	07/23/24	
Ethylbenzene	ND	0.0250	1	07/23/24	07/23/24	
Toluene	ND	0.0250	1	07/23/24	07/23/24	
o-Xylene	ND	0.0250	1	07/23/24	07/23/24	
p,m-Xylene	ND	0.0500	1	07/23/24	07/23/24	
Total Xylenes	ND	0.0250	1	07/23/24	07/23/24	
Surrogate: Bromofluorobenzene		*112 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.8 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*07/23/24*	*07/23/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2430034
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/24	07/23/24	
Surrogate: Bromofluorobenzene		*112 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.8 %*	*70-130*	*07/23/24*	*07/23/24*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*07/23/24*	*07/23/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2430005
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/24	07/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/24	07/23/24	
Surrogate: n-Nonane		*95.0 %*	*50-200*	*07/23/24*	*07/23/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2430022
Chloride	ND	20.0	1	07/23/24	07/23/24	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/23/2024 4:27:57PM

Volatile Organic Compounds by EPA 8260B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2430034-BLK1)									Prepared: 07/22/24 Analyzed: 07/22/24
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	*0.577*		*0.500*		*115*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.467*		*0.500*		*93.3*	*70-130*			
Surrogate: Toluene-d8	*0.516*		*0.500*		*103*	*70-130*			
LCS (2430034-BS1)									Prepared: 07/22/24 Analyzed: 07/22/24
Benzene	2.27	0.0250	2.50		90.9	70-130			
Ethylbenzene	2.54	0.0250	2.50		102	70-130			
Toluene	2.53	0.0250	2.50		101	70-130			
o-Xylene	2.59	0.0250	2.50		104	70-130			
p,m-Xylene	5.20	0.0500	5.00		104	70-130			
Total Xylenes	7.79	0.0250	7.50		104	70-130			
Surrogate: Bromofluorobenzene	*0.564*		*0.500*		*113*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.458*		*0.500*		*91.5*	*70-130*			
Surrogate: Toluene-d8	*0.543*		*0.500*		*109*	*70-130*			
LCS Dup (2430034-BSD1)									Prepared: 07/22/24 Analyzed: 07/22/24
Benzene	2.30	0.0250	2.50		92.0	70-130	1.18	23	
Ethylbenzene	2.52	0.0250	2.50		101	70-130	0.929	27	
Toluene	2.50	0.0250	2.50		99.9	70-130	1.41	24	
o-Xylene	2.74	0.0250	2.50		110	70-130	5.55	27	
p,m-Xylene	5.48	0.0500	5.00		110	70-130	5.19	27	
Total Xylenes	8.22	0.0250	7.50		110	70-130	5.31	27	
Surrogate: Bromofluorobenzene	*0.590*		*0.500*		*118*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.481*		*0.500*		*96.2*	*70-130*			
Surrogate: Toluene-d8	*0.538*		*0.500*		*108*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/23/2024 4:27:57PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2430034-BLK1)									Prepared: 07/22/24 Analyzed: 07/22/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.577*		*0.500*		*115*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.467*		*0.500*		*93.3*	*70-130*			
Surrogate: Toluene-d8	*0.516*		*0.500*		*103*	*70-130*			
LCS (2430034-BS2)									Prepared: 07/22/24 Analyzed: 07/22/24
Gasoline Range Organics (C6-C10)	48.1	20.0	50.0		96.3	70-130			
Surrogate: Bromofluorobenzene	*0.569*		*0.500*		*114*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.455*		*0.500*		*91.0*	*70-130*			
Surrogate: Toluene-d8	*0.529*		*0.500*		*106*	*70-130*			
LCS Dup (2430034-BSD2)									Prepared: 07/22/24 Analyzed: 07/22/24
Gasoline Range Organics (C6-C10)	48.0	20.0	50.0		96.0	70-130	0.311	20	
Surrogate: Bromofluorobenzene	*0.562*		*0.500*		*112*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.453*		*0.500*		*90.5*	*70-130*			
Surrogate: Toluene-d8	*0.533*		*0.500*		*107*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/23/2024 4:27:57PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2430005-BLK1)									Prepared: 07/22/24 Analyzed: 07/23/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*56.6*		*50.0*		*113*	*50-200*			
LCS (2430005-BS1)									Prepared: 07/22/24 Analyzed: 07/23/24
Diesel Range Organics (C10-C28)	242	25.0	250		96.6	38-132			
Surrogate: n-Nonane	*55.4*		*50.0*		*111*	*50-200*			
LCS Dup (2430005-BSD1)									Prepared: 07/22/24 Analyzed: 07/23/24
Diesel Range Organics (C10-C28)	239	25.0	250		95.8	38-132	0.853	20	
Surrogate: n-Nonane	*55.8*		*50.0*		*112*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/23/2024 4:27:57PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2430022-BLK1)									Prepared: 07/22/24 Analyzed: 07/22/24
Chloride	ND	20.0							
LCS (2430022-BS1)									Prepared: 07/22/24 Analyzed: 07/22/24
Chloride	251	20.0	250		100	90-110			
LCS Dup (2430022-BSD1)									Prepared: 07/22/24 Analyzed: 07/22/24
Chloride	251	20.0	250		100	90-110	0.0817	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:	Fighting Okra 18 CTB 4	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	07/23/24 16:27

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

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

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

Project Information | Chain of Custody | Page 1 of 2

Client: Pima Environmental Services	Bill To
Project: Fighting Okra 18 CTB4	Attention: Devon
Project Manager: Gio Gomez	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 806-782-1151	Email:
Email: gio@pimaoil.com	Pima Project # 353-2
Report due by:	

Lab Use Only: Lab WO# E407166 | Job Number 01058-0007

TAT: 1D X | 2D | 3D | Standard

EPA Program: CWA | SDWA | RCRA

State: NM X | CO | UT | AZ | TX

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks
11:50	7/19	S		CS1	1	
11:54				CS2	2	
12:07				CS3	3	
12:21				CS4	4	
12:30				CS5	5	
12:37				CS6	6	
12:41				CS7	7	
12:56				CSW1	8	
1:02				CSW2	9	
1:11				CSW3	10	

Additional Instructions: Billing # 21060804

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Karime Adame	7/22/24	1:50	Michelle Gonzales	7-22-24	1350
Michelle Gonzales	7-22-24	1620	A.M.	7.22.24	1730
A.M.	7.22.24	2345	Kaylyn A Hall	7-23-24	0500

Lab Use Only: Received on ice: (Y) / N; 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.

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Project Information | Chain of Custody | Page 2 of 2

Client: Pima Environmental Services	Bill To
Project: Fighting Okra 18 CTB 4	Attention: Devon
Project Manager: Gio Gomez	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 806-782-1151	Email:
Email: gio@pimaoil.com	Pima Project # 353-2
Report due by:	

Lab Use Only		TAT				EPA Program	
Lab WO#	Job Number	1D	2D	3D	Standard	CWA	SDWA
E407660	01058-0007	X					
							RCRA
						State	
						NM	CO UT AZ TX
						X	

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX			Remarks
1:17	7/19	S		CSW4	11									X				
1:23	"	"		CSW5	12									"				
1:29	"	"		CSW6	13									"				
1:36	"	"		CSW7	14									"				
1:43	"	"		CSW8	15									"				
1:53	"	"		CSW9	16									"				
2:09	"	"		CSW10	17									"				

Additional Instructions: Billing # 21060804

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Kerrine Adame	7/22/24	1:50	Michelle Gonzales	7-22-24	1350
Michelle Gonzales	7-22-24	1620		7.22.24	1730
	7.22.24	2345	Kaylyn R Hall	7-23-24	0500

Lab Use Only
Received on ice: (Y) / N
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.

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Envirotech Analytical Laboratory

Printed: 7/23/2024 10:07:44AM

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:	07/23/24 06:00	Work Order ID:	E407166
Phone:	(575) 631-6977	Date Logged In:	07/22/24 15:36	Logged In By:	Noe Soto
Email:	gio@pimaoil.com	Due Date:	07/23/24 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courrier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	No	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

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 Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	Yes	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration 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

Comments/Resolution

No. of Containers and Sampler name is missing from COC by client.

Client Instruction

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

Date

envirotech Inc.

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Santa Fe, NM 87505

QUESTIONS

Action 372702

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 372702
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2103538364**
Incident Name	**NAPP2103538364 FIGHTING OKRA 18 CTB4 @ 0**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Closure Report Received**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	FIGHTING OKRA 18 CTB4
Date Release Discovered	01/24/2021
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	Cause: Other | Other (Specify) | Produced Water | Released: 16 BBL | Recovered: 10 BBL | Lost: 6 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 (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 372702
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**No**
Reasons why this would be considered a submission for a notification of a major release	*Unavailable.*
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	False
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	This spill was not in containment.
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: 08/12/2024

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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 372702
	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 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	268
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	251
GRO+DRO (EPA SW-846 Method 8015M)	159
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	07/18/2024
On what date will (or did) the final sampling or liner inspection occur	07/19/2024
On what date will (or was) the remediation complete(d)	07/25/2024
What is the estimated surface area (in square feet) that will be reclaimed	1560
What is the estimated volume (in cubic yards) that will be reclaimed	28
What is the estimated surface area (in square feet) that will be remediated	1560
What is the estimated volume (in cubic yards) that will be remediated	28
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 (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 372702
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	R360 ARTESIA LLC LANDFARM [fEEM0112340644]
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	*Not answered.*
OR is the **off-site** disposal site, to be used, an NMED facility	*Not answered.*
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	*Not answered.*
(In Situ) Soil Vapor Extraction	*Not answered.*
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	*Not answered.*
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	*Not answered.*
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	*Not answered.*
Ground Water Abatement pursuant to 19.15.30 NMAC	*Not answered.*
OTHER (Non-listed remedial process)	*Not answered.*
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@dvn.com Date: 08/12/2024
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 372702
	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 (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 372702
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**364861**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**07/19/2024**
What was the (estimated) number of samples that were to be gathered	**17**
What was the sampling surface area in square feet	**1560**

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	**Yes**
Was this release entirely contained within a lined containment area	**No**
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	1560
What was the total volume (cubic yards) remediated	28
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	1560
What was the total volume (in cubic yards) reclaimed	28
Summarize any additional remediation activities not included by answers (above)	see report

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

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

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dvn.com Date: 08/12/2024

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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 (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 372702
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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

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CONDITIONS

Action 372702

CONDITIONS

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	Action Number: 372702
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	8/14/2024