

FIGHTING OKRA 18 CTB 4

OCD incident # nAPP2410747253

4/16/2024

Spill Volume(Bbls) Calculator	
<i>Inputs in blue, Outputs in red</i>	
<i>Contaminated Soil measurement</i>	
Area (square feet)	Depth(inches)
<u>2200.151</u>	<u>1.000</u>
Cubic Feet of Soil Impacted	<u>183.346</u>
Barrels of Soil Impacted	<u>32.68</u>
Soil Type	Clay/Sand
Barrels of Oil Assuming 100% Saturation	<u>4.90</u>
Saturation	Fluid present with shovel/backhoe
Estimated Barrels of Oil Released	4.90
<i>Free Standing Fluid Only</i>	
Area (square feet)	Depth(inches)
<u>1100</u>	<u>1.000</u>
Standing fluid	<u>16.340</u>
<u>Total fluids spilled</u>	<u>21.242</u>



REMEDIATION CLOSURE REPORT

Incident ID NAPP2410747253

Fighting Okra 18 CTB 4

Facility: FAPP2123136022

Prepared By:
Pima Environmental Services, LLC

Prepared For:
Devon Energy Production, LP

August 7, 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 7, 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 32.047834 Longitude -103.509691
UL - C, Section 18, T26S, R34E
Lea County, NM
NMOCD Ref. No. NAPP2410747253

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 NAPP2410747253 on April 17, 2024, 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 32.047834 Longitude -103.509691, 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

Fighting Okra 18 CTB 4 | **Devon Energy**

Pima Environmental Services

5614 N Lovington Hwy

Hobbs, NM 88240

575-964-7740

Release Information

NAPP2410747253: On April 16, 2024, a pinhole leak, coming off the water side piping on the 3 phase separators at the water dump. The well was shut in and the leak was isolated via valves. The released fluids were calculated to be approximately 21 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 April 18, 2024, 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.

4-18-2024 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-NAPP2410747253								
Date: 4-18-24		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	CI mg/kg
S1	1'	ND	ND	ND	ND	ND	0	6160
	2'	ND	ND	ND	ND	ND	0	4900
	3'	ND	ND	ND	ND	ND	0	6320
	4'	ND	ND	ND	ND	ND	0	8660
	5'	ND	ND	ND	ND	ND	0	142
	6'	ND	ND	ND	ND	ND	0	46.6
S2	1'	ND	ND	ND	ND	ND	0	3870
	2'	ND	ND	ND	ND	ND	0	3170
	3'	ND	ND	ND	ND	ND	0	7140
	4'	ND	ND	ND	43.5	ND	43.5	7280
	5'	ND	ND	ND	ND	ND	0	165
	6'	ND	ND	ND	ND	ND	0	47
S3	1'	ND	ND	ND	ND	ND	0	3780
	2'	ND	ND	ND	ND	ND	0	2460
	3'	ND	ND	ND	ND	ND	0	1400
	4'	ND	ND	ND	ND	ND	0	1250
	5'	ND	ND	ND	ND	ND	0	171
	6'	ND	ND	ND	ND	ND	0	48.7
S4	1'	ND	ND	ND	ND	ND	0	6460
	2'	ND	ND	ND	ND	ND	0	1110
	3'	ND	ND	ND	ND	ND	0	644
	4'	ND	ND	ND	ND	ND	0	955
	5'	ND	ND	ND	ND	ND	0	156
	6'	ND	ND	ND	ND	ND	0	45.6
S5	1'	ND	ND	ND	ND	ND	0	2910
	2'	ND	ND	ND	ND	ND	0	2570
	3'	ND	ND	ND	ND	ND	0	3760
	4'	ND	ND	ND	ND	ND	0	5230
	5'	ND	ND	ND	ND	ND	0	158
	6'	ND	ND	ND	ND	ND	0	48.8
S6	1'	2.91	ND	96.9	5230	1570	6899.81	2580
	2'	1.77	ND	67.8	4850	1710	6629.57	3940
	3'	1.85	ND	72.6	5180	1580	6834.45	2080
	4'	2.48	ND	96.7	7750	2390	10239.18	2200
	5'	ND	ND	ND	ND	ND	0	160
	6'	ND	ND	ND	ND	ND	0	51.5
S7	1'	ND	ND	ND	32.8	ND	32.8	9450
	2'	ND	ND	ND	35	ND	35	1000
	3'	ND	ND	ND	2660	938	3598	5480
	4'	ND	ND	ND	1540	609	2149	11100
	5'	ND	ND	ND	ND	ND	0	184
	6'	ND	ND	ND	ND	ND	0	46.4
S8	1'	0.939	ND	ND	3620	1700	5320.939	3060
	2'	ND	ND	ND	100	57.5	157.5	1080
	3'	ND	ND	ND	3060	1220	4280	4940
	4'	ND	ND	ND	38.7	ND	38.7	1520
	5'	ND	ND	ND	ND	ND	0	178
	6'	ND	ND	ND	ND	ND	0	53.7
SW1	0-6'	ND	ND	ND	ND	ND	0	ND
SW2	0-6'	ND	ND	ND	ND	ND	0	ND
SW3	0-6'	ND	ND	ND	ND	ND	0	ND
SW4	0-6'	ND	ND	ND	ND	ND	0	ND
SW5	0-6'	ND	ND	ND	ND	ND	0	ND
SW6	0-6'	ND	ND	ND	ND	ND	0	ND
SW7	0-6'	ND	ND	ND	ND	ND	0	ND
SW8	0-6'	ND	ND	ND	ND	ND	0	ND
RG1	0-6'	ND	ND	ND	ND	ND	0	ND

ND- Analyte Not Detected

Fighting Okra 18 CTB 4|Devon Energy

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

On July 18, 2024, the Devon Construction Department mobilized personnel and equipment to commence immediate remediation activities. Excavation began in the S6 and S7 areas to a depth of 4 feet, and in the S8 area to a depth of 1 foot below ground surface (BGS). A total of 36 cubic yards of contaminated soil was removed and transported to R360 Antelope Draw, an approved, lined disposal facility, with clean backfill material brought in to replace it.

On July 19, 2024, after sending a 48-hour notification (application ID: 364853, 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 from 6" inches, 4 feet and 1 foot deep. The results of this sampling event are provided in the following table, and a Confirmation Sample Map can be found in Figure 5.

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 - NAPP2410747253								
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	CI mg/kg
CS1	0-6" Comp	ND	ND	ND	ND	ND	0	2480
CS2	0-6" Comp	ND	ND	ND	ND	ND	0	3140
CS3	0-6" Comp	ND	ND	ND	ND	ND	0	1280
CS4	0-6" Comp	ND	ND	ND	ND	ND	0	1120
CS5	0-6" Comp	ND	ND	ND	ND	ND	0	1090
CS6	0-6" Comp	ND	ND	ND	ND	ND	0	845
CS7	0-4' Comp	ND	ND	ND	ND	ND	0	46.4
CS8	0-4' Comp	ND	ND	ND	ND	ND	0	143
CS9	0-1' Comp	ND	ND	27	41	27	95	955
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	0-4' 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, NAPP2410747253, 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

Fighting Okra 18 CTB 4 | Devon Energy

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

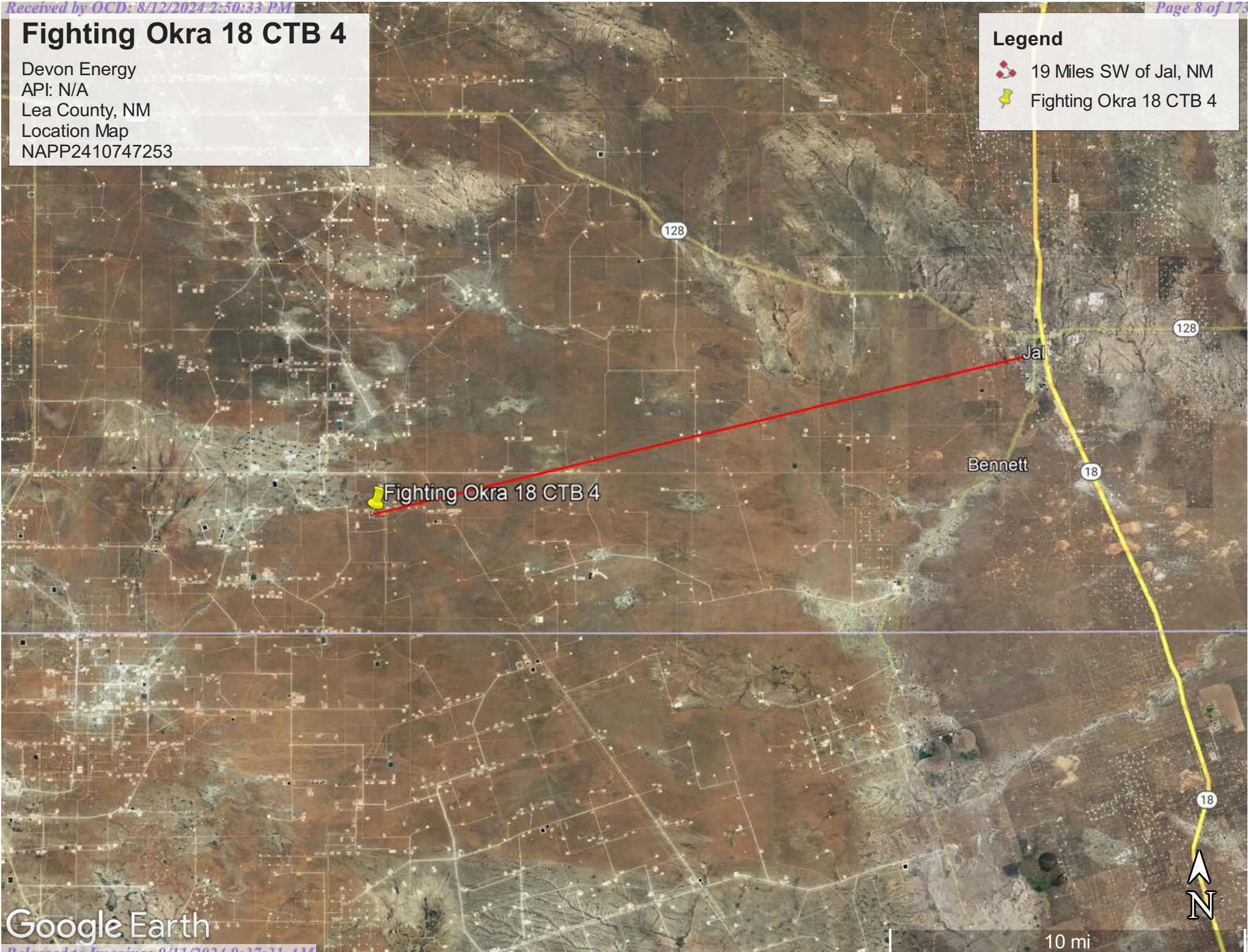
Figure 5- Confirmation Sample Map

Fighting Okra 18 CTB 4

Devon Energy
API: N/A
Lea County, NM
Location Map
NAPP2410747253

Legend

-  19 Miles SW of Jal, NM
-  Fighting Okra 18 CTB 4




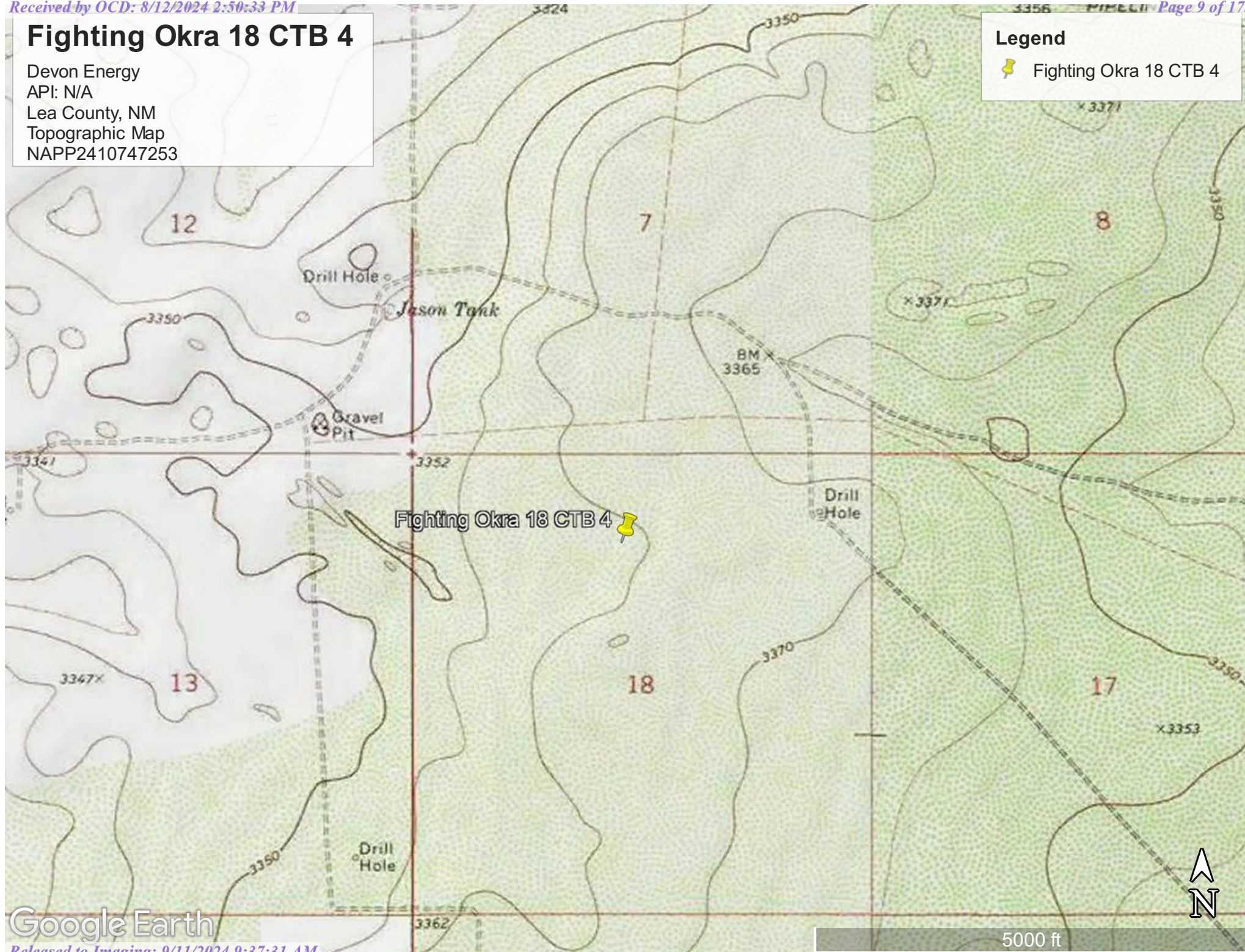
Google Earth

Fighting Okra 18 CTB 4

Devon Energy
API: N/A
Lea County, NM
Topographic Map
NAPP2410747253

Legend





 Fighting Okra 18 CTB 4

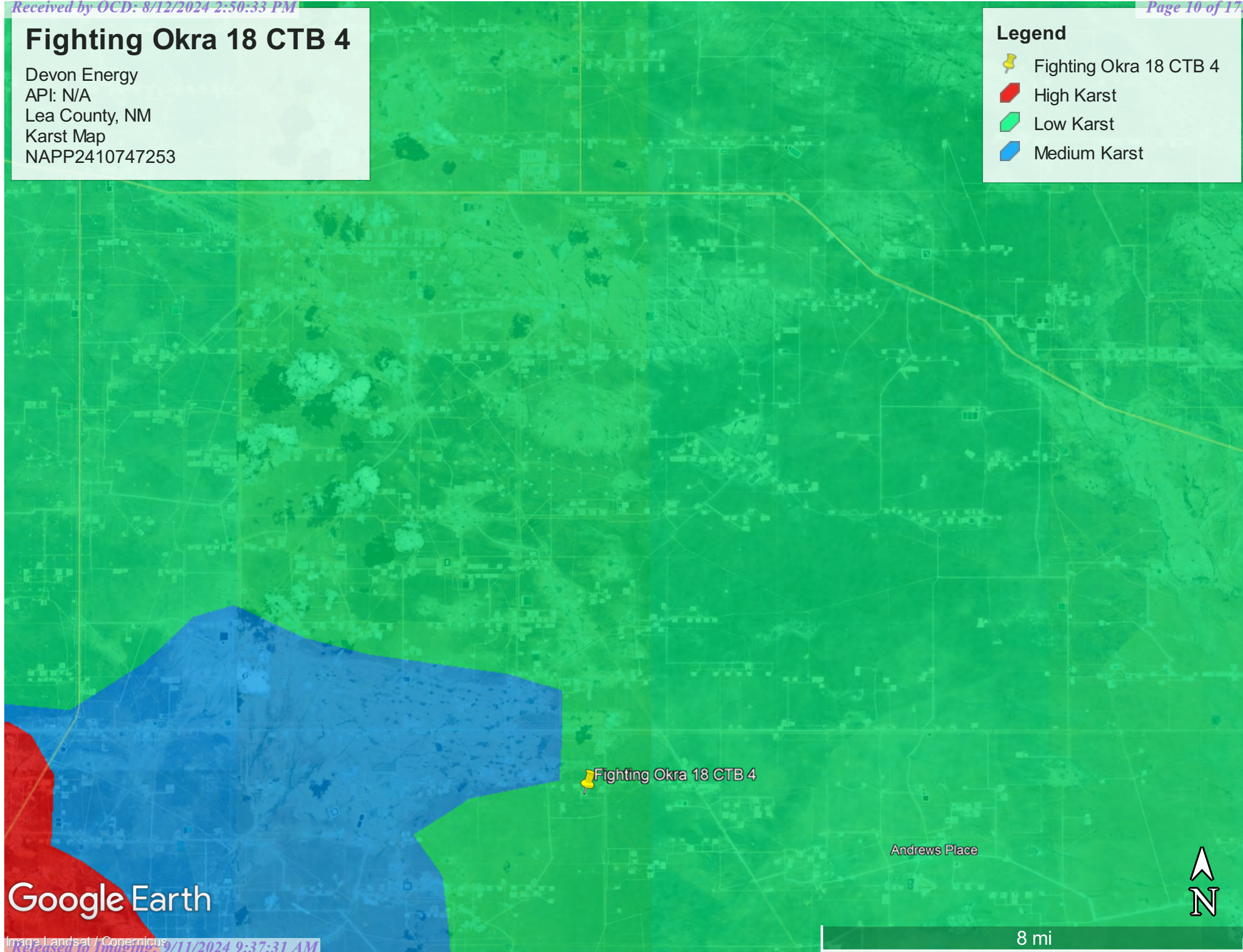


Fighting Okra 18 CTB 4

Devon Energy
API: N/A
Lea County, NM
Karst Map
NAPP2410747253

Legend

-  Fighting Okra 18 CTB 4
-  High Karst
-  Low Karst
-  Medium Karst



Google Earth





Andrews Place

8 mi

Fighting Okra 18 CTB 4

Devon Energy
API: N/A
Lea County, NM
Site Map
NAPP2410747253

Legend

-  Fighting Okra 18 CTB 4
-  NAPP241074253 1,925 Sqft
-  Samples
-  Sidewalls/Background

BG1

Fighting Okra 18 CTB 4

SW3 SW2 SW1
S3 S2 S1
SW7 S8 S7 S6 S4 SW4
SW8 S8 S7 S6 S4 SW4
SW6 SW5



100 ft

Google Earth

Fighting Okra 18 CTB 4

Devon Energy
API: N/A
Lea County, NM
Confirmation Sample Map
NAPP2410747253

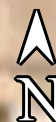
Legend

- Confirmation Samples
- CS7 & CS8 to 4' & CS9 to 1" deep
- Fighting Okra 18 CTB 4

Fighting Okra 18 CTB 4



Google Earth



60 ft



Appendix A

Water Surveys:

- OSE
- USGS
- Surface Water Map



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

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

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
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

UTM NAD83 Radius Search (in meters):

Easting (X): 640702.37

Northing (Y): 3546708.29

Radius: 5000

*UTM location was derived from PLSS - see Help

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

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

x

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:

x

Casing Perforations:	Top	Bottom
	0	55

x

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




5/29/24 1:00 PM

POINT OF DIVERSION SUMMARY

Fighting Okra 18 CTB 4

Devon Energy
API: N/A
Lea County, NM
OSE POD MAP
NAPP2410747253

Legend

-  0.04 of a mile
-  C-04626-POD 1)
-  Fighting Okra 18 CTB 4

Fighting Okra 18 CTB 4

~~C-04626-POD 1)~~

Google Earth

600 ft





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

National Water Information System: Web Interface

USGS Water Resources

Data Category:

Groundwater ▼


Geographic Area:

United States ▼

GO

Click to hide News Bulletins

❗ 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

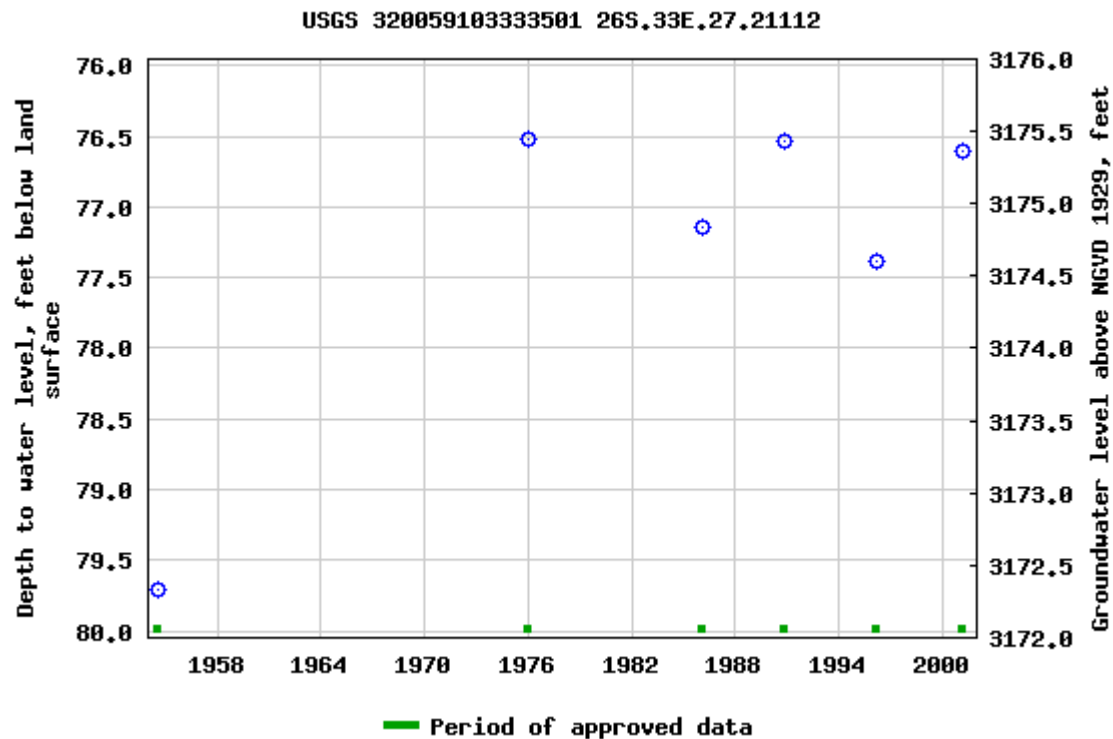
Land-surface elevation 3,252.00 feet above NGVD29

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](#)

[Accessibility](#) [FOIA](#) [Privacy](#) [Policies and Notices](#)

[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)

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

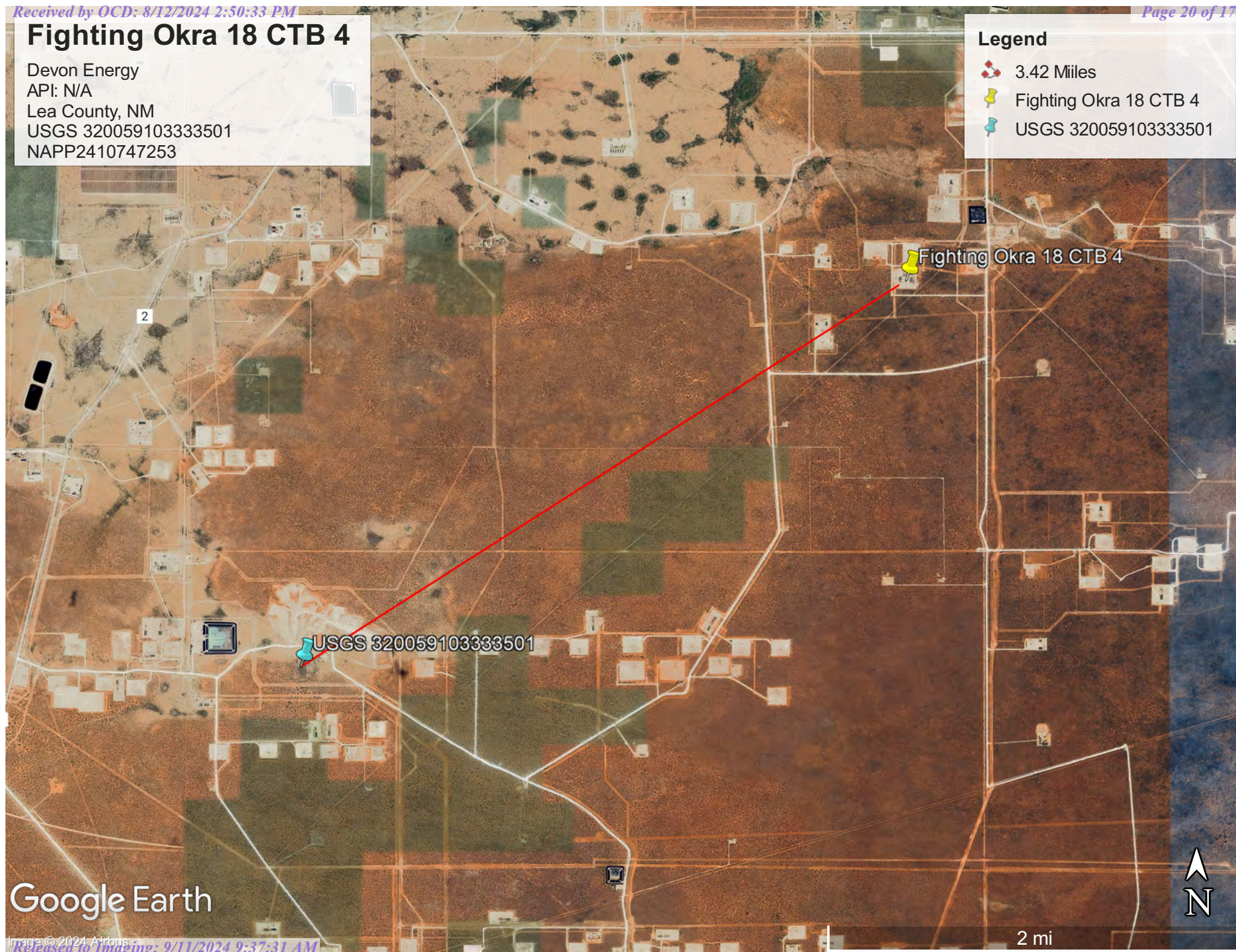
0.61 0.51 nadww01

Fighting Okra 18 CTB 4

Devon Energy
API: N/A
Lea County, NM
USGS 320059103333501
NAPP2410747253

Legend

- 3.42 Miles
- Fighting Okra 18 CTB 4
- USGS 320059103333501



Google Earth



Image © 2024 Airbus
Released to Imaging: 9/11/2024 9:37:31 AM

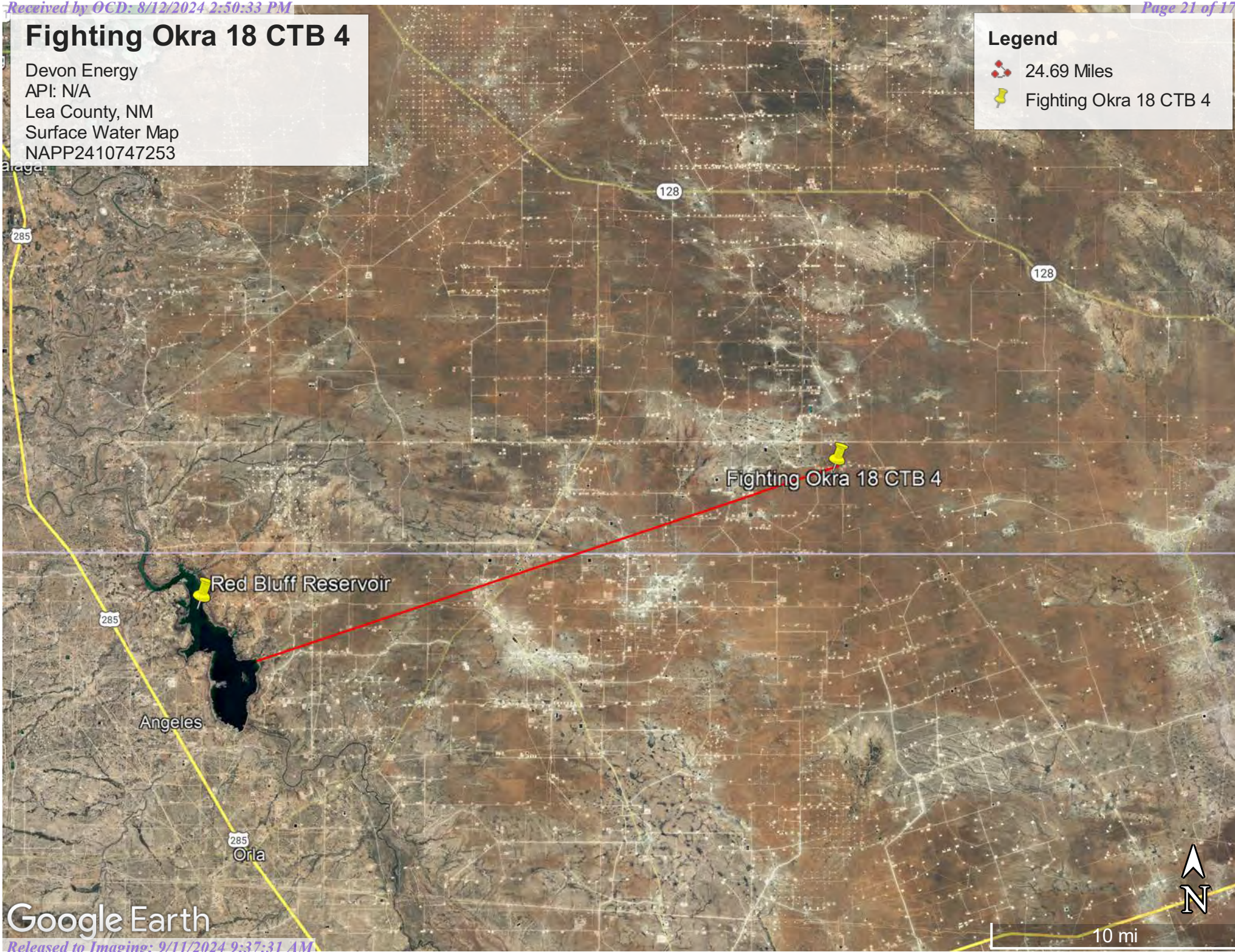
2 mi

Fighting Okra 18 CTB 4

Devon Energy
API: N/A
Lea County, NM
Surface Water Map
NAPP2410747253

Legend

-  24.69 Miles
-  Fighting Okra 18 CTB 4



Google Earth



Appendix B

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

Map Unit Description: Pyote and Maljamar fine sands---Lea County, New Mexico

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

Map Unit Description: Pyote and Maljamar fine sands---Lea County, New Mexico

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

Map Unit Description: Pyote and Maljamar fine sands---Lea County, New Mexico

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




Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

8/5/2024
Page 1 of 3

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)		

DOI Privacy Policy (<https://www.doi.gov/privacy>) | Legal (https://www.usgs.gov/laws/policies_notices.html) |
Accessibility (<https://www2.usgs.gov/laws/accessibility.html>) | Site Map (<https://www.usgs.gov/sitemap.html>) |
Contact USGS (<https://answers.usgs.gov/>)

U.S. Department of the Interior (<https://www.doi.gov/>) | DOI Inspector General (<https://www.doiig.gov/>) |




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

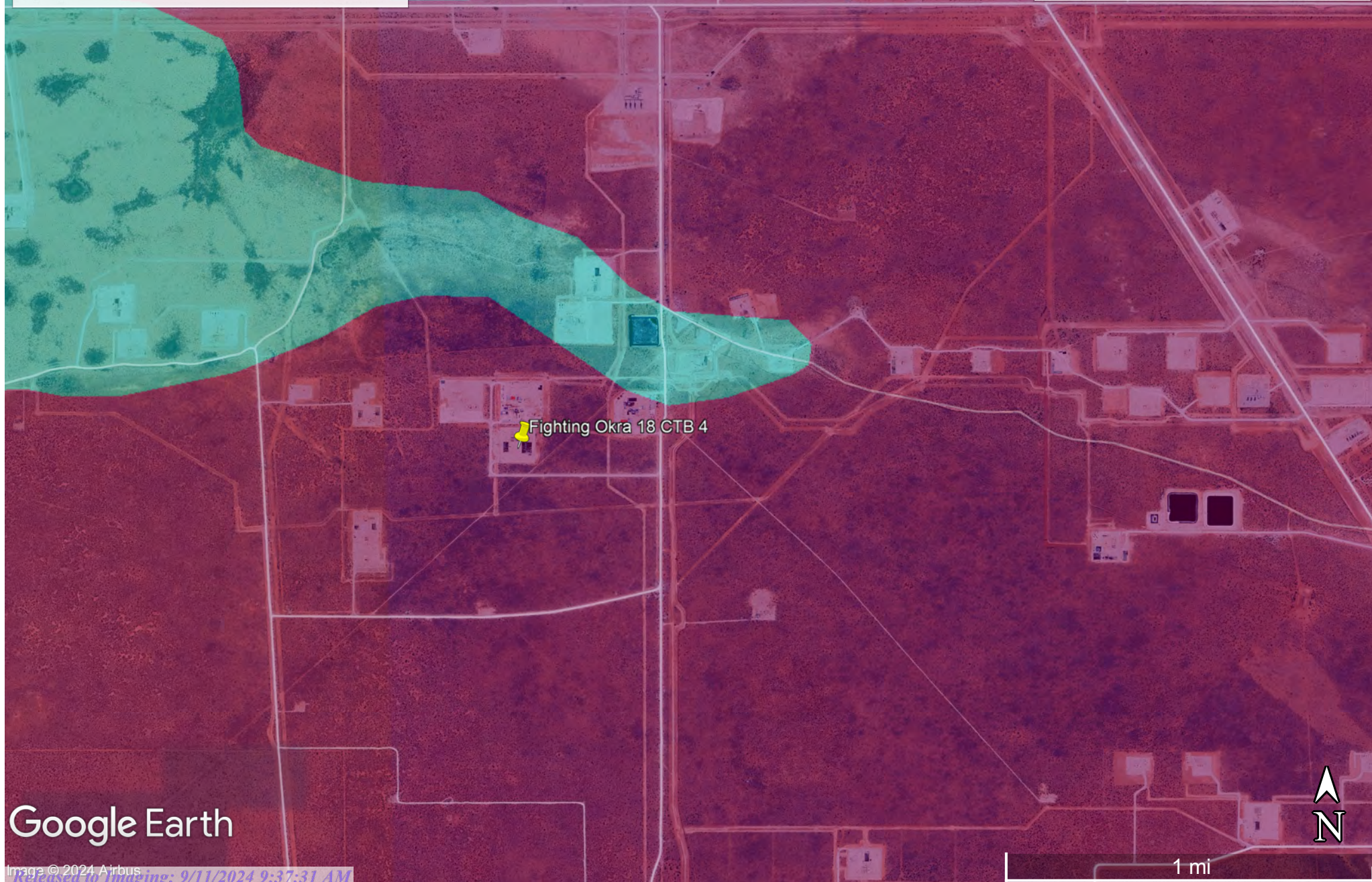
No Fear Act (<https://www.doi.gov/pmb/eeo/no-fear-act>) | FOIA (<https://www2.usgs.gov/foia>)

Fighting Okra 18 CTB 4

Devon Energy
API: N/A
Lea County, NM
Geological Map
NAPP2410747253

Legend

-  Eolian and piedmont deposits
-  Fighting Okra 18 CTB 4
-  Ogallala Formation

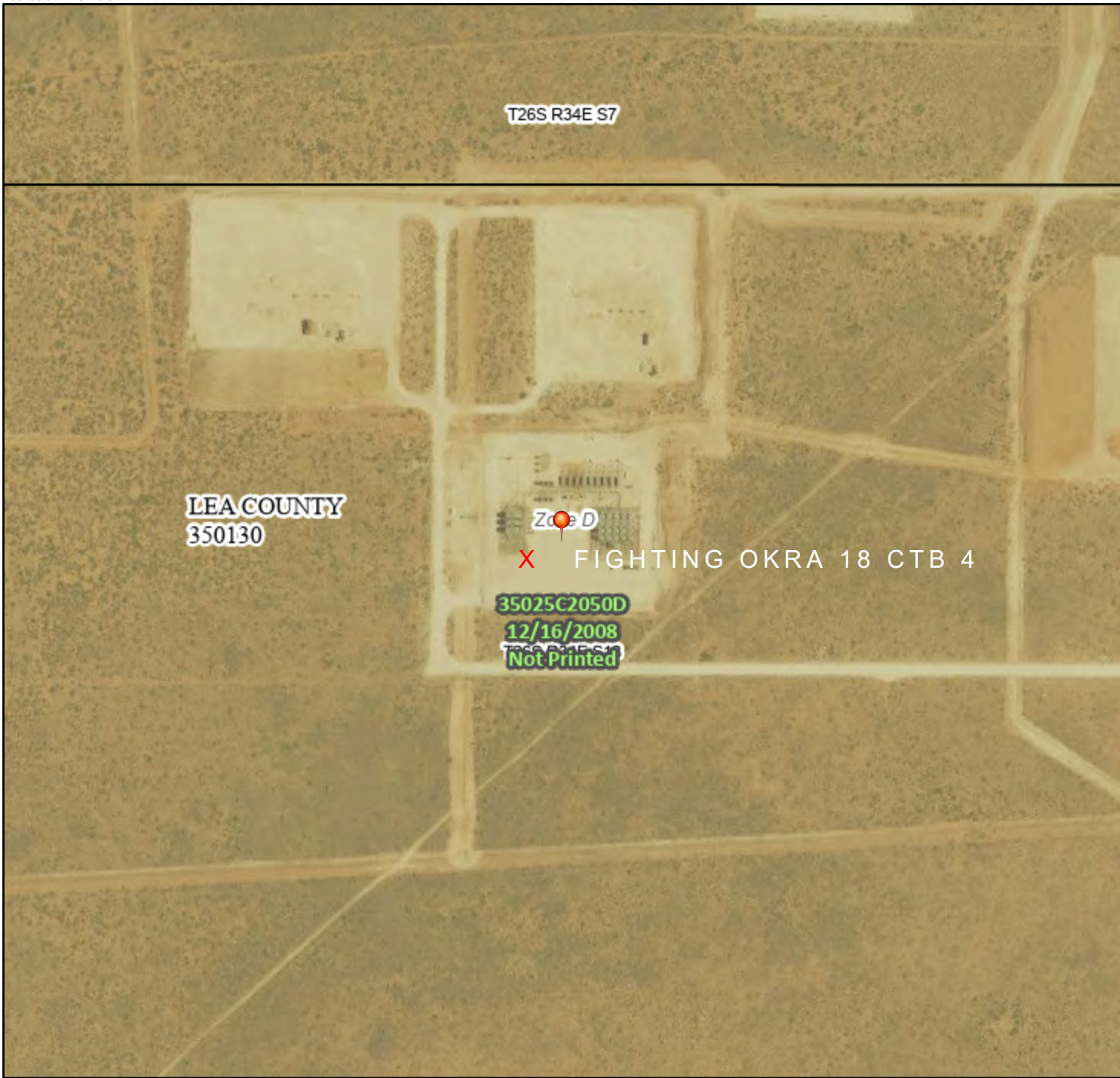


Google Earth

National Flood Hazard Layer FIRMette



103°30'54"W 32°3'8"N



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

1:6,000

103°30'16"W 32°2'37"N

Released to Imaging: 9/11/2024 9:37:31 AM

Basemap Imagery Source: USGS National Map 2023

Legend

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

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

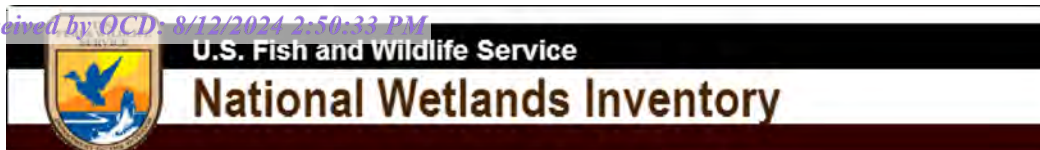


The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 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.



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.



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: 364860

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 10:36 AM
To: Woodall, Dale <Dale.Woodall@dvn.com>
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 364860

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#) nAPP2410747253.

The sampling event is expected to take place:

When: 07/19/2024 @ 11:30

Where: C-18-26S-34E 330 FNL 1665 FWL (32.047834,-103.509691)

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 for 11.55 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

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



Appendix D

○ Photographic Documentation

PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Fighting Okra 18 CTB 4

Assessment:



Site Information Sign.



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:



Photo taken pursuant to excavation.



Photo taken pursuant to excavation.



Photo taken pursuant to excavation.



Photo taken pursuant to excavation.

PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Fighting Okra 18 CTB 4

Excavation:



Photo taken during excavation 4' feet depth



Photo taken during excavation 4' feet depth.



Photo taken during excavation 1' foot depth.



Photo taken during excavation.



Photo taken during excavation.



Photo taken during excavation.

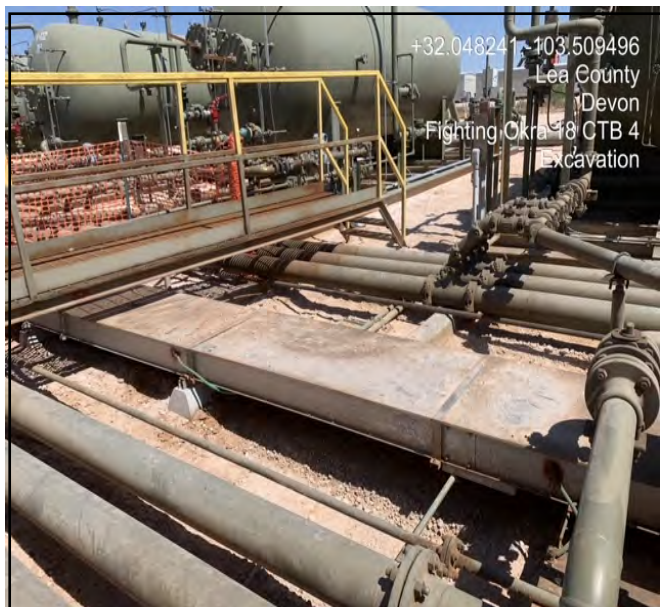


Photo taken during excavation.



Photo taken during excavation.



PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Fighting Okra 18 CTB 4

Post Excavation:



Photo taken pursuant to excavation, taken facing Northwest.



Photo taken pursuant to excavation, taken facing Northeast.

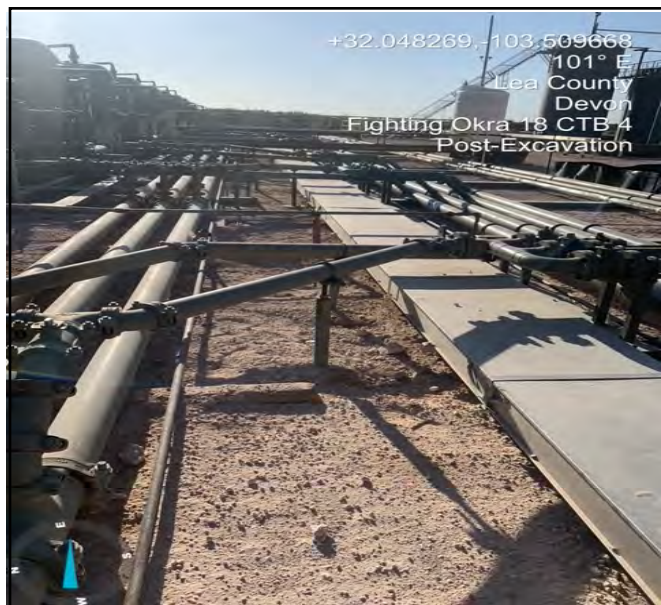


Photo taken pursuant to excavation, taken facing Southeast.



Photo taken pursuant to excavation, taken facing Northeast.



Photo taken pursuant to excavation, taken facing Northeast.



Appendix E

○ Laboratory Reports

Report to:
Gio Gomez



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Fighting Okra 18 CTB 4

Work Order: E404214

Job Number: 01058-0007

Received: 4/22/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/24/24

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 4/24/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247



Project Name: Fighting Okra 18 CTB 4
Workorder: E404214
Date Received: 4/22/2024 8:30:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/22/2024 8:30:00AM, 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 regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

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

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

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

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
S1 -1'	6
S1 -2'	7
S1 -3'	8
S1 -4'	9
S1 -5'	10
S1 -6'	11
S2 -1'	12
S2 -2'	13
S2 -3'	14
S2 -4'	15
S2 -5'	16
S2 -6'	17
S3 -1'	18
S3 -2'	19
S3 -3'	20
S3 -4'	21
S3 -5'	22
S3 -6'	23
S4 -1'	24
S4 -2'	25

Table of Contents (continued)

QC Summary Data	26
QC - Volatile Organics by EPA 8021B	26
QC - Nonhalogenated Organics by EPA 8015D - GRO	27
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	28
QC - Anions by EPA 300.0/9056A	29
Definitions and Notes	30
Chain of Custody etc.	31

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	04/24/24 09:24

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1 -1'	E404214-01A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
S1 -2'	E404214-02A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
S1 -3'	E404214-03A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
S1 -4'	E404214-04A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
S1 -5'	E404214-05A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
S1 -6'	E404214-06A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
S2 -1'	E404214-07A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
S2 -2'	E404214-08A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
S2 -3'	E404214-09A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
S2 -4'	E404214-10A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
S2 -5'	E404214-11A	Soil	04/10/24	04/22/24	Glass Jar, 2 oz.
S2 -6'	E404214-12A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
S3 -1'	E404214-13A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
S3 -2'	E404214-14A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
S3 -3'	E404214-15A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
S3 -4'	E404214-16A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
S3 -5'	E404214-17A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
S3 -6'	E404214-18A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
S4 -1'	E404214-19A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
S4 -2'	E404214-20A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.



Sample Data

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

Project Name: Fighting Okra 18 CTB 4
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/24/2024 9:24:22AM

S1 -1'

E404214-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2417005	
Benzene	ND	0.0250	1	04/22/24	04/22/24	
Ethylbenzene	ND	0.0250	1	04/22/24	04/22/24	
Toluene	ND	0.0250	1	04/22/24	04/22/24	
o-Xylene	ND	0.0250	1	04/22/24	04/22/24	
p,m-Xylene	ND	0.0500	1	04/22/24	04/22/24	
Total Xylenes	ND	0.0250	1	04/22/24	04/22/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	92.8 %	70-130		04/22/24	04/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2417005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/24	04/22/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	91.1 %	70-130		04/22/24	04/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2417014	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/24	04/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/24	04/22/24	
<i>Surrogate: n-Nonane</i>	106 %	50-200		04/22/24	04/22/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2417009	
Chloride	6160	100	5	04/22/24	04/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	Reported: 4/24/2024 9:24:22AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S1 -2'

E404214-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2417005	
Benzene	ND	0.0250	1	04/22/24	04/22/24	
Ethylbenzene	ND	0.0250	1	04/22/24	04/22/24	
Toluene	ND	0.0250	1	04/22/24	04/22/24	
o-Xylene	ND	0.0250	1	04/22/24	04/22/24	
p,m-Xylene	ND	0.0500	1	04/22/24	04/22/24	
Total Xylenes	ND	0.0250	1	04/22/24	04/22/24	
Surrogate: 4-Bromochlorobenzene-PID	92.4 %	70-130		04/22/24	04/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2417005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/24	04/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	89.9 %	70-130		04/22/24	04/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2417014	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/24	04/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/24	04/22/24	
Surrogate: n-Nonane	107 %	50-200		04/22/24	04/22/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2417009	
Chloride	4900	100	5	04/22/24	04/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	Reported: 4/24/2024 9:24:22AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S1 -3'

E404214-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2417005	
Benzene	ND	0.0250	1	04/22/24	04/22/24	
Ethylbenzene	ND	0.0250	1	04/22/24	04/22/24	
Toluene	ND	0.0250	1	04/22/24	04/22/24	
o-Xylene	ND	0.0250	1	04/22/24	04/22/24	
p,m-Xylene	ND	0.0500	1	04/22/24	04/22/24	
Total Xylenes	ND	0.0250	1	04/22/24	04/22/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.4 %	70-130		04/22/24	04/22/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2417005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/24	04/22/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.7 %	70-130		04/22/24	04/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2417014	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/24	04/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/24	04/22/24	
<i>Surrogate: n-Nonane</i>						
	107 %	50-200		04/22/24	04/22/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2417009	
Chloride	6320	100	5	04/22/24	04/22/24	



Sample Data

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

Project Name: Fighting Okra 18 CTB 4
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/24/2024 9:24:22AM

S1 -4'

E404214-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2417005
Benzene	ND	0.0250	1	04/22/24	04/22/24	
Ethylbenzene	ND	0.0250	1	04/22/24	04/22/24	
Toluene	ND	0.0250	1	04/22/24	04/22/24	
o-Xylene	ND	0.0250	1	04/22/24	04/22/24	
p,m-Xylene	ND	0.0500	1	04/22/24	04/22/24	
Total Xylenes	ND	0.0250	1	04/22/24	04/22/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.7 %	70-130		04/22/24	04/22/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2417005
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/24	04/22/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.4 %	70-130		04/22/24	04/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417014
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/24	04/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/24	04/22/24	
<i>Surrogate: n-Nonane</i>						
	116 %	50-200		04/22/24	04/22/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2417009
Chloride	8660	100	5	04/22/24	04/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	Reported: 4/24/2024 9:24:22AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S1 -5'

E404214-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2417005	
Benzene	ND	0.0250	1	04/22/24	04/22/24	
Ethylbenzene	ND	0.0250	1	04/22/24	04/22/24	
Toluene	ND	0.0250	1	04/22/24	04/22/24	
o-Xylene	ND	0.0250	1	04/22/24	04/22/24	
p,m-Xylene	ND	0.0500	1	04/22/24	04/22/24	
Total Xylenes	ND	0.0250	1	04/22/24	04/22/24	
Surrogate: 4-Bromochlorobenzene-PID	92.7 %	70-130		04/22/24	04/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2417005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/24	04/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	90.5 %	70-130		04/22/24	04/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2417014	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/24	04/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/24	04/22/24	
Surrogate: n-Nonane	108 %	50-200		04/22/24	04/22/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2417009	
Chloride	142	20.0	1	04/22/24	04/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	Reported: 4/24/2024 9:24:22AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S1 -6'

E404214-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2417005	
Benzene	ND	0.0250	1	04/22/24	04/22/24	
Ethylbenzene	ND	0.0250	1	04/22/24	04/22/24	
Toluene	ND	0.0250	1	04/22/24	04/22/24	
o-Xylene	ND	0.0250	1	04/22/24	04/22/24	
p,m-Xylene	ND	0.0500	1	04/22/24	04/22/24	
Total Xylenes	ND	0.0250	1	04/22/24	04/22/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.8 %	70-130		04/22/24	04/22/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2417005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/24	04/22/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.1 %	70-130		04/22/24	04/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2417014	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/24	04/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/24	04/22/24	
<i>Surrogate: n-Nonane</i>						
	108 %	50-200		04/22/24	04/22/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2417009	
Chloride	46.6	20.0	1	04/22/24	04/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	Reported: 4/24/2024 9:24:22AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S2 -1'

E404214-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2417005	
Benzene	ND	0.0250	1	04/22/24	04/22/24	
Ethylbenzene	ND	0.0250	1	04/22/24	04/22/24	
Toluene	ND	0.0250	1	04/22/24	04/22/24	
o-Xylene	ND	0.0250	1	04/22/24	04/22/24	
p,m-Xylene	ND	0.0500	1	04/22/24	04/22/24	
Total Xylenes	ND	0.0250	1	04/22/24	04/22/24	
Surrogate: 4-Bromochlorobenzene-PID	92.5 %	70-130		04/22/24	04/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2417005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/24	04/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	90.6 %	70-130		04/22/24	04/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2417014	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/24	04/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/24	04/22/24	
Surrogate: n-Nonane	110 %	50-200		04/22/24	04/22/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2417009	
Chloride	3870	40.0	2	04/22/24	04/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	Reported: 4/24/2024 9:24:22AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S2 -2'

E404214-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2417005	
Benzene	ND	0.0250	1	04/22/24	04/22/24	
Ethylbenzene	ND	0.0250	1	04/22/24	04/22/24	
Toluene	ND	0.0250	1	04/22/24	04/22/24	
o-Xylene	ND	0.0250	1	04/22/24	04/22/24	
p,m-Xylene	ND	0.0500	1	04/22/24	04/22/24	
Total Xylenes	ND	0.0250	1	04/22/24	04/22/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.1 %	70-130		04/22/24	04/22/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2417005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/24	04/22/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.8 %	70-130		04/22/24	04/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2417014	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/24	04/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/24	04/22/24	
<i>Surrogate: n-Nonane</i>						
	105 %	50-200		04/22/24	04/22/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2417009	
Chloride	3170	40.0	2	04/22/24	04/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	Reported: 4/24/2024 9:24:22AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S2 -3'

E404214-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2417005	
Benzene	ND	0.0250	1	04/22/24	04/22/24	
Ethylbenzene	ND	0.0250	1	04/22/24	04/22/24	
Toluene	ND	0.0250	1	04/22/24	04/22/24	
o-Xylene	ND	0.0250	1	04/22/24	04/22/24	
p,m-Xylene	ND	0.0500	1	04/22/24	04/22/24	
Total Xylenes	ND	0.0250	1	04/22/24	04/22/24	
Surrogate: 4-Bromochlorobenzene-PID	91.7 %	70-130		04/22/24	04/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2417005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/24	04/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	91.3 %	70-130		04/22/24	04/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2417014	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/24	04/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/24	04/22/24	
Surrogate: n-Nonane	107 %	50-200		04/22/24	04/22/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2417009	
Chloride	7140	100	5	04/22/24	04/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	Reported: 4/24/2024 9:24:22AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S2 -4'

E404214-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2417005	
Benzene	ND	0.0250	1	04/22/24	04/22/24	
Ethylbenzene	ND	0.0250	1	04/22/24	04/22/24	
Toluene	ND	0.0250	1	04/22/24	04/22/24	
o-Xylene	ND	0.0250	1	04/22/24	04/22/24	
p,m-Xylene	ND	0.0500	1	04/22/24	04/22/24	
Total Xylenes	ND	0.0250	1	04/22/24	04/22/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.3 %	70-130		04/22/24	04/22/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2417005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/24	04/22/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.0 %	70-130		04/22/24	04/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2417014	
Diesel Range Organics (C10-C28)	43.5	25.0	1	04/22/24	04/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/24	04/23/24	
<i>Surrogate: n-Nonane</i>						
	107 %	50-200		04/22/24	04/23/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2417009	
Chloride	7280	100	5	04/22/24	04/22/24	



Sample Data

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

Project Name: Fighting Okra 18 CTB 4
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/24/2024 9:24:22AM

S2 -5'

E404214-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2417005
Benzene	ND	0.0250	1	04/22/24	04/22/24	
Ethylbenzene	ND	0.0250	1	04/22/24	04/22/24	
Toluene	ND	0.0250	1	04/22/24	04/22/24	
o-Xylene	ND	0.0250	1	04/22/24	04/22/24	
p,m-Xylene	ND	0.0500	1	04/22/24	04/22/24	
Total Xylenes	ND	0.0250	1	04/22/24	04/22/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.6 %	70-130		04/22/24	04/22/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2417005
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/24	04/22/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.5 %	70-130		04/22/24	04/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417014
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/24	04/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/24	04/23/24	
<i>Surrogate: n-Nonane</i>						
	105 %	50-200		04/22/24	04/23/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2417009
Chloride	165	20.0	1	04/22/24	04/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	Reported: 4/24/2024 9:24:22AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S2 -6'

E404214-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2417005	
Benzene	ND	0.0250	1	04/22/24	04/22/24	
Ethylbenzene	ND	0.0250	1	04/22/24	04/22/24	
Toluene	ND	0.0250	1	04/22/24	04/22/24	
o-Xylene	ND	0.0250	1	04/22/24	04/22/24	
p,m-Xylene	ND	0.0500	1	04/22/24	04/22/24	
Total Xylenes	ND	0.0250	1	04/22/24	04/22/24	
Surrogate: 4-Bromochlorobenzene-PID	92.6 %	70-130		04/22/24	04/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2417005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/24	04/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	89.8 %	70-130		04/22/24	04/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2417014	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/24	04/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/24	04/23/24	
Surrogate: n-Nonane	106 %	50-200		04/22/24	04/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2417009	
Chloride	47.0	20.0	1	04/22/24	04/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	Reported: 4/24/2024 9:24:22AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S3 -1'

E404214-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2417005	
Benzene	ND	0.0250	1	04/22/24	04/22/24	
Ethylbenzene	ND	0.0250	1	04/22/24	04/22/24	
Toluene	ND	0.0250	1	04/22/24	04/22/24	
o-Xylene	ND	0.0250	1	04/22/24	04/22/24	
p,m-Xylene	ND	0.0500	1	04/22/24	04/22/24	
Total Xylenes	ND	0.0250	1	04/22/24	04/22/24	
Surrogate: 4-Bromochlorobenzene-PID	94.2 %	70-130		04/22/24	04/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2417005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/24	04/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	90.3 %	70-130		04/22/24	04/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2417014	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/24	04/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/24	04/23/24	
Surrogate: n-Nonane	106 %	50-200		04/22/24	04/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2417009	
Chloride	3780	40.0	2	04/22/24	04/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	Reported: 4/24/2024 9:24:22AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S3 -2'

E404214-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2417005	
Benzene	ND	0.0250	1	04/22/24	04/22/24	
Ethylbenzene	ND	0.0250	1	04/22/24	04/22/24	
Toluene	ND	0.0250	1	04/22/24	04/22/24	
o-Xylene	ND	0.0250	1	04/22/24	04/22/24	
p,m-Xylene	ND	0.0500	1	04/22/24	04/22/24	
Total Xylenes	ND	0.0250	1	04/22/24	04/22/24	
Surrogate: 4-Bromochlorobenzene-PID	92.3 %	70-130		04/22/24	04/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2417005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/24	04/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	90.7 %	70-130		04/22/24	04/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2417014	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/24	04/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/24	04/23/24	
Surrogate: n-Nonane	106 %	50-200		04/22/24	04/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2417009	
Chloride	2460	40.0	2	04/22/24	04/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	Reported: 4/24/2024 9:24:22AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S3 -3'

E404214-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2417005	
Benzene	ND	0.0250	1	04/22/24	04/22/24	
Ethylbenzene	ND	0.0250	1	04/22/24	04/22/24	
Toluene	ND	0.0250	1	04/22/24	04/22/24	
o-Xylene	ND	0.0250	1	04/22/24	04/22/24	
p,m-Xylene	ND	0.0500	1	04/22/24	04/22/24	
Total Xylenes	ND	0.0250	1	04/22/24	04/22/24	
Surrogate: 4-Bromochlorobenzene-PID	92.9 %	70-130		04/22/24	04/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2417005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/24	04/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	90.7 %	70-130		04/22/24	04/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2417014	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/24	04/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/24	04/23/24	
Surrogate: n-Nonane	110 %	50-200		04/22/24	04/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2417009	
Chloride	1400	20.0	1	04/22/24	04/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	Reported: 4/24/2024 9:24:22AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S3 -4'

E404214-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2417005	
Benzene	ND	0.0250	1	04/22/24	04/22/24	
Ethylbenzene	ND	0.0250	1	04/22/24	04/22/24	
Toluene	ND	0.0250	1	04/22/24	04/22/24	
o-Xylene	ND	0.0250	1	04/22/24	04/22/24	
p,m-Xylene	ND	0.0500	1	04/22/24	04/22/24	
Total Xylenes	ND	0.0250	1	04/22/24	04/22/24	
Surrogate: 4-Bromochlorobenzene-PID	94.9 %	70-130		04/22/24	04/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2417005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/24	04/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	90.0 %	70-130		04/22/24	04/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2417014	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/24	04/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/24	04/23/24	
Surrogate: n-Nonane	107 %	50-200		04/22/24	04/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2417009	
Chloride	1250	20.0	1	04/22/24	04/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	Reported: 4/24/2024 9:24:22AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S3 -5'

E404214-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2417005	
Benzene	ND	0.0250	1	04/22/24	04/22/24	
Ethylbenzene	ND	0.0250	1	04/22/24	04/22/24	
Toluene	ND	0.0250	1	04/22/24	04/22/24	
o-Xylene	ND	0.0250	1	04/22/24	04/22/24	
p,m-Xylene	ND	0.0500	1	04/22/24	04/22/24	
Total Xylenes	ND	0.0250	1	04/22/24	04/22/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.4 %	70-130		04/22/24	04/22/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2417005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/24	04/22/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.9 %	70-130		04/22/24	04/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2417014	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/24	04/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/24	04/23/24	
<i>Surrogate: n-Nonane</i>						
	108 %	50-200		04/22/24	04/23/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2417009	
Chloride	171	20.0	1	04/22/24	04/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	Reported: 4/24/2024 9:24:22AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S3 -6'

E404214-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2417005	
Benzene	ND	0.0250	1	04/22/24	04/23/24	
Ethylbenzene	ND	0.0250	1	04/22/24	04/23/24	
Toluene	ND	0.0250	1	04/22/24	04/23/24	
o-Xylene	ND	0.0250	1	04/22/24	04/23/24	
p,m-Xylene	ND	0.0500	1	04/22/24	04/23/24	
Total Xylenes	ND	0.0250	1	04/22/24	04/23/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.8 %	70-130		04/22/24	04/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2417005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/24	04/23/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.5 %	70-130		04/22/24	04/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2417014	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/24	04/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/24	04/23/24	
<i>Surrogate: n-Nonane</i>						
	111 %	50-200		04/22/24	04/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2417009	
Chloride	48.7	20.0	1	04/22/24	04/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	Reported: 4/24/2024 9:24:22AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S4 -1'

E404214-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2417005	
Benzene	ND	0.0250	1	04/22/24	04/23/24	
Ethylbenzene	ND	0.0250	1	04/22/24	04/23/24	
Toluene	ND	0.0250	1	04/22/24	04/23/24	
o-Xylene	ND	0.0250	1	04/22/24	04/23/24	
p,m-Xylene	ND	0.0500	1	04/22/24	04/23/24	
Total Xylenes	ND	0.0250	1	04/22/24	04/23/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.9 %	70-130		04/22/24	04/23/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2417005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/24	04/23/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.3 %	70-130		04/22/24	04/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2417014	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/24	04/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/24	04/23/24	
<i>Surrogate: n-Nonane</i>						
	113 %	50-200		04/22/24	04/23/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2417009	
Chloride	6460	100	5	04/22/24	04/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	Reported: 4/24/2024 9:24:22AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S4 -2'

E404214-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2417005	
Benzene	ND	0.0250	1	04/22/24	04/23/24	
Ethylbenzene	ND	0.0250	1	04/22/24	04/23/24	
Toluene	ND	0.0250	1	04/22/24	04/23/24	
o-Xylene	ND	0.0250	1	04/22/24	04/23/24	
p,m-Xylene	ND	0.0500	1	04/22/24	04/23/24	
Total Xylenes	ND	0.0250	1	04/22/24	04/23/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.1 %	70-130		04/22/24	04/23/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2417005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/24	04/23/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.3 %	70-130		04/22/24	04/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2417014	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/24	04/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/24	04/23/24	
<i>Surrogate: n-Nonane</i>						
	108 %	50-200		04/22/24	04/23/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2417009	
Chloride	1110	20.0	1	04/22/24	04/22/24	



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	4/24/2024 9:24:22AM

Volatile Organics by EPA 8021B

Analyst: BA

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

Blank (2417005-BLK1)

Prepared: 04/22/24 Analyzed: 04/22/24

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: 4-Bromochlorobenzene-PID	7.42		8.00		92.8	70-130			

LCS (2417005-BS1)

Prepared: 04/22/24 Analyzed: 04/22/24

Benzene	5.05	0.0250	5.00		101	70-130			
Ethylbenzene	5.23	0.0250	5.00		105	70-130			
Toluene	5.27	0.0250	5.00		105	70-130			
o-Xylene	5.32	0.0250	5.00		106	70-130			
p,m-Xylene	10.7	0.0500	10.0		107	70-130			
Total Xylenes	16.0	0.0250	15.0		107	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.47		8.00		93.4	70-130			

Matrix Spike (2417005-MS1)

Source: E404214-03

Prepared: 04/22/24 Analyzed: 04/22/24

Benzene	4.86	0.0250	5.00	ND	97.3	54-133			
Ethylbenzene	5.07	0.0250	5.00	ND	101	61-133			
Toluene	5.08	0.0250	5.00	ND	102	61-130			
o-Xylene	5.14	0.0250	5.00	ND	103	63-131			
p,m-Xylene	10.4	0.0500	10.0	ND	104	63-131			
Total Xylenes	15.5	0.0250	15.0	ND	103	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.44		8.00		93.0	70-130			

Matrix Spike Dup (2417005-MSD1)

Source: E404214-03

Prepared: 04/22/24 Analyzed: 04/22/24

Benzene	4.74	0.0250	5.00	ND	94.8	54-133	2.63	20	
Ethylbenzene	4.92	0.0250	5.00	ND	98.5	61-133	2.90	20	
Toluene	4.94	0.0250	5.00	ND	98.8	61-130	2.85	20	
o-Xylene	5.00	0.0250	5.00	ND	100	63-131	2.79	20	
p,m-Xylene	10.1	0.0500	10.0	ND	101	63-131	2.80	20	
Total Xylenes	15.1	0.0250	15.0	ND	100	63-131	2.80	20	
Surrogate: 4-Bromochlorobenzene-PID	7.47		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:	Gio Gomez	4/24/2024 9:24:22AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

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

Blank (2417005-BLK1) Prepared: 04/22/24 Analyzed: 04/22/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.17		8.00		89.6	70-130			

LCS (2417005-BS2) Prepared: 04/22/24 Analyzed: 04/22/24

Gasoline Range Organics (C6-C10)	48.1	20.0	50.0		96.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.36		8.00		91.9	70-130			

Matrix Spike (2417005-MS2) Source: E404214-03 Prepared: 04/22/24 Analyzed: 04/22/24

Gasoline Range Organics (C6-C10)	45.7	20.0	50.0	ND	91.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.34		8.00		91.7	70-130			

Matrix Spike Dup (2417005-MSD2) Source: E404214-03 Prepared: 04/22/24 Analyzed: 04/22/24

Gasoline Range Organics (C6-C10)	45.3	20.0	50.0	ND	90.6	70-130	0.888	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.37		8.00		92.1	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	4/24/2024 9:24:22AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

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

Blank (2417014-BLK1) Prepared: 04/22/24 Analyzed: 04/22/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.3		50.0		103	50-200			

LCS (2417014-BS1) Prepared: 04/22/24 Analyzed: 04/22/24

Diesel Range Organics (C10-C28)	281	25.0	250		112	38-132			
Surrogate: n-Nonane	52.8		50.0		106	50-200			

Matrix Spike (2417014-MS1) Source: E404214-04 Prepared: 04/22/24 Analyzed: 04/22/24

Diesel Range Organics (C10-C28)	281	25.0	250	ND	113	38-132			
Surrogate: n-Nonane	52.2		50.0		104	50-200			

Matrix Spike Dup (2417014-MSD1) Source: E404214-04 Prepared: 04/22/24 Analyzed: 04/22/24

Diesel Range Organics (C10-C28)	286	25.0	250	ND	114	38-132	1.55	20	
Surrogate: n-Nonane	53.2		50.0		106	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	4/24/2024 9:24:22AM

Anions by EPA 300.0/9056A

Analyst: JM

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

Blank (2417009-BLK1)					Prepared: 04/22/24 Analyzed: 04/22/24				
Chloride	ND	20.0							
LCS (2417009-BS1)					Prepared: 04/22/24 Analyzed: 04/22/24				
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2417009-MS1)					Source: E404214-04		Prepared: 04/22/24 Analyzed: 04/22/24		
Chloride	8000	100	250	8660	NR	80-120			M4
Matrix Spike Dup (2417009-MSD1)					Source: E404214-04		Prepared: 04/22/24 Analyzed: 04/22/24		
Chloride	8040	100	250	8660	NR	80-120	0.597	20	M4

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	04/24/24 09:24

- M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

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

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

Project Information

Chain of Custody

Page 1 of 6

Client: Pima Environmental Services					Bill To		Lab Use Only		TAT				EPA Program					
Project: Fighting Okra 18 CFB 4					Attention: Devon		Lab Work		Job Number				CWA		SDWA			
Project Manager: Gio Gomez					Address:		E 404214		1058-007									
Address: 5614 N. Lovington Hwy.					City, State, Zip		Analysis and Method								RCRA			
City, State, Zip Hobbs, NM, 88240					Phone:													
Phone: 806-782-1151					Email:													
Email: gio@pimaoil.com					Pima Project #		1-353-3											
Report due by:																		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	State				
														NM	CO	UT		
															AZ	TX		
Remarks																		
8:11	4/18	S		S1-1'	1							X						
8:21				S1-2'	2													
8:39				S1-3'	3													
8:49				S1-4'	4													
8:52				S1-5'	5													
9:16				S1-6'	6													
9:27				S2-1'	7													
9:33				S2-2'	8													
9:49				S2-3'	9													
9:58				S2-4'	10													
Additional Instructions:																		
B# 21327508																		
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																		
Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.																		
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only										
Karime Adams		4/19/24	12:16	Michelle Gonzales		4-19-24	1216	Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N										
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 T2 T3										
Michelle Gonzales		4-19-24	1700	A.C.H.		4-19-24	1800											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	AVG Temp °C										
A.C.H.		4-19-24	2400	A.C.H.		4/22/24	0830	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.																		

Project Information

Chain of Custody

Page 2 of 6

Client: Pima Environmental Services Project: Fighting OK on 18 CTB 4 Project Manager: Gio Gomez Address: 5614 N. Lovington Hwy. City, State, Zip: Hobbs, NM, 88240 Phone: 806-782-1151 Email: gio@pimaoil.com Report due by:					Bill To Attention: Devon Address: City, State, Zip: Phone: Email: Pima Project # 1-353-3					Lab Use Only Lab Work: E404214 Job Number: 01058-007					TAT 1D 2D 3D Standard				EPA Program CWA SDWA		
										Analysis and Method					RCRA		State NM CO UT AZ TX				
										DRO/ORO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0					BDOC NM BDOC TX		Remarks				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number																
10:11	4/18	S		S2-5'	11									X							
10:23				S2-6'	12																
10:39				S3-1'	13																
10:46				S3-2'	14																
10:56				S3-3'	15																
11:07				S3-4'	16																
11:28				S3-5'	17																
11:36				S3-6'	18																
11:42				S4-1'	19																
11:55				S4-2'	20																
Additional Instructions: B# 21327508																					
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.										Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.											
Relinquished by: (Signature) Carime Abarne										Date 4/19/24		Time 12:16		Received by: (Signature) Mahelle Gonzales		Date 4-19-24		Time 12:16		Lab Use Only Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N	
Relinquished by: (Signature) Michelle Gonzales										Date 4-19-24		Time 1700		Received by: (Signature) J. J.		Date 4-19-24		Time 1800		T1 T2 T3	
Relinquished by: (Signature) J. J.										Date 4.19.24		Time 2400		Received by: (Signature) J. J.		Date 4/22/24		Time 0830		AVG Temp °C 4	
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																					
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																					
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																					

Envirotech Analytical Laboratory

Printed: 4/22/2024 1:00:03PM

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:	04/22/24 08:30	Work Order ID:	E404214
Phone:	(575) 631-6977	Date Logged In:	04/19/24 16:21	Logged In By:	Alexa Michaels
Email:	gio@pimaoil.com	Due Date:	04/26/24 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

No. of containers and Sampled by not documented on COC by client. Project Fighting Okra 18 CTB 4 has been separated into multiple reports due to high sample volumes. WO are as follows: E404214/E404215.

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

Date



envirotech Inc.

Report to:
Gio Gomez



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Fighting Okra 18 CTB 4

Work Order: E404215

Job Number: 01058-0007

Received: 4/22/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/26/24

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 4/26/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247



Project Name: Fighting Okra 18 CTB 4
Workorder: E404215
Date Received: 4/22/2024 8:30:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/22/2024 8:30:00AM, 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 regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

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

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

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

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

Michelle Golzaes
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
S4 -3'	6
S4 -4'	7
S4 -5'	8
S4 -6'	9
S5 -1'	10
S5 -2'	11
S5 -3'	12
S5 -4'	13
S5 -5'	14
S5 -6'	15
S6 -1'	16
S6 -2'	17
S6 -3'	18
S6 -4'	19
S6 -5'	20
S6 -6'	21
S7 -1'	22
S7 -2'	23
S7 -3'	24
S7 -4'	25

Table of Contents (continued)

S7 -5'	26
S7 -6'	27
S8 -1'	28
S8 -2'	29
S8 -3'	30
S8 -4'	31
S8 -5'	32
S8 -6'	33
SW1	34
SW2	35
SW3	36
SW4	37
SW5	38
SW6	39
SW7	40
SW8	41
BG1	42
QC Summary Data	43
QC - Volatile Organics by EPA 8021B	43
QC - Nonhalogenated Organics by EPA 8015D - GRO	45
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	47
QC - Anions by EPA 300.0/9056A	49
Definitions and Notes	51
Chain of Custody etc.	52

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	04/26/24 12:00

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S4 -3'	E404215-01A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
S4 -4'	E404215-02A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
S4 -5'	E404215-03A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
S4 -6'	E404215-04A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
S5 -1'	E404215-05A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
S5 -2'	E404215-06A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
S5 -3'	E404215-07A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
S5 -4'	E404215-08A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
S5 -5'	E404215-09A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
S5 -6'	E404215-10A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
S6 -1'	E404215-11A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
S6 -2'	E404215-12A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
S6 -3'	E404215-13A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
S6 -4'	E404215-14A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
S6 -5'	E404215-15A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
S6 -6'	E404215-16A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
S7 -1'	E404215-17A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
S7 -2'	E404215-18A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
S7 -3'	E404215-19A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
S7 -4'	E404215-20A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
S7 -5'	E404215-21A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
S7 -6'	E404215-22A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
S8 -1'	E404215-23A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
S8 -2'	E404215-24A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
S8 -3'	E404215-25A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
S8 -4'	E404215-26A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
S8 -5'	E404215-27A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
S8 -6'	E404215-28A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
SW1	E404215-29A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
SW2	E404215-30A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
SW3	E404215-31A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
SW4	E404215-32A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
SW5	E404215-33A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
SW6	E404215-34A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
SW7	E404215-35A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
SW8	E404215-36A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
BG1	E404215-37A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.



Sample Data

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

Project Name: Fighting Okra 18 CTB 4
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/26/2024 12:00:49PM

S4 -3'

E404215-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG		Batch: 2417011	
Benzene	ND	0.0250	1	04/22/24	04/22/24	
Ethylbenzene	ND	0.0250	1	04/22/24	04/22/24	
Toluene	ND	0.0250	1	04/22/24	04/22/24	
o-Xylene	ND	0.0250	1	04/22/24	04/22/24	
p,m-Xylene	ND	0.0500	1	04/22/24	04/22/24	
Total Xylenes	ND	0.0250	1	04/22/24	04/22/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.4 %	70-130		04/22/24	04/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG		Batch: 2417011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/24	04/22/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.4 %	70-130		04/22/24	04/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2417015	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/24	04/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/24	04/23/24	
<i>Surrogate: n-Nonane</i>						
	89.8 %	50-200		04/22/24	04/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2417019	
Chloride	644	20.0	1	04/22/24	04/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	Reported: 4/26/2024 12:00:49PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S4 -4'

E404215-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG		Batch: 2417011	
Benzene	ND	0.0250	1	04/22/24	04/22/24	
Ethylbenzene	ND	0.0250	1	04/22/24	04/22/24	
Toluene	ND	0.0250	1	04/22/24	04/22/24	
o-Xylene	ND	0.0250	1	04/22/24	04/22/24	
p,m-Xylene	ND	0.0500	1	04/22/24	04/22/24	
Total Xylenes	ND	0.0250	1	04/22/24	04/22/24	
Surrogate: 4-Bromochlorobenzene-PID	90.9 %	70-130		04/22/24	04/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG		Batch: 2417011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/24	04/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	91.4 %	70-130		04/22/24	04/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2417015	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/24	04/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/24	04/23/24	
Surrogate: n-Nonane	91.1 %	50-200		04/22/24	04/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2417019	
Chloride	955	20.0	1	04/22/24	04/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	Reported: 4/26/2024 12:00:49PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S4 -5'

E404215-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG		Batch: 2417011	
Benzene	ND	0.0250	1	04/22/24	04/22/24	
Ethylbenzene	ND	0.0250	1	04/22/24	04/22/24	
Toluene	ND	0.0250	1	04/22/24	04/22/24	
o-Xylene	ND	0.0250	1	04/22/24	04/22/24	
p,m-Xylene	ND	0.0500	1	04/22/24	04/22/24	
Total Xylenes	ND	0.0250	1	04/22/24	04/22/24	
Surrogate: 4-Bromochlorobenzene-PID	91.1 %	70-130		04/22/24	04/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG		Batch: 2417011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/24	04/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	92.1 %	70-130		04/22/24	04/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2417015	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/24	04/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/24	04/23/24	
Surrogate: n-Nonane	88.4 %	50-200		04/22/24	04/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2417019	
Chloride	156	20.0	1	04/22/24	04/22/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 CTB 4 Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 4/26/2024 12:00:49PM
---	--	-----------------------------------

S4 -6'

E404215-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG		Batch: 2417011	
Benzene	ND	0.0250	1	04/22/24	04/22/24	
Ethylbenzene	ND	0.0250	1	04/22/24	04/22/24	
Toluene	ND	0.0250	1	04/22/24	04/22/24	
o-Xylene	ND	0.0250	1	04/22/24	04/22/24	
p,m-Xylene	ND	0.0500	1	04/22/24	04/22/24	
Total Xylenes	ND	0.0250	1	04/22/24	04/22/24	
Surrogate: 4-Bromochlorobenzene-PID	90.4 %	70-130		04/22/24	04/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG		Batch: 2417011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/24	04/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	91.2 %	70-130		04/22/24	04/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2417015	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/24	04/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/24	04/23/24	
Surrogate: n-Nonane	90.6 %	50-200		04/22/24	04/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2417019	
Chloride	45.6	20.0	1	04/22/24	04/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	Reported: 4/26/2024 12:00:49PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S5 -1'

E404215-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG		Batch: 2417011	
Benzene	ND	0.0250	1	04/22/24	04/22/24	
Ethylbenzene	ND	0.0250	1	04/22/24	04/22/24	
Toluene	ND	0.0250	1	04/22/24	04/22/24	
o-Xylene	ND	0.0250	1	04/22/24	04/22/24	
p,m-Xylene	ND	0.0500	1	04/22/24	04/22/24	
Total Xylenes	ND	0.0250	1	04/22/24	04/22/24	
Surrogate: 4-Bromochlorobenzene-PID	92.4 %	70-130		04/22/24	04/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG		Batch: 2417011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/24	04/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	94.0 %	70-130		04/22/24	04/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2417015	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/24	04/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/24	04/23/24	
Surrogate: n-Nonane	89.6 %	50-200		04/22/24	04/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2417019	
Chloride	2910	40.0	2	04/22/24	04/22/24	



Sample Data

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

Project Name: Fighting Okra 18 CTB 4
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/26/2024 12:00:49PM

S5 -2'

E404215-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: EG		Batch: 2417011
Benzene	ND	0.0250	1	04/22/24	04/22/24	
Ethylbenzene	ND	0.0250	1	04/22/24	04/22/24	
Toluene	ND	0.0250	1	04/22/24	04/22/24	
o-Xylene	ND	0.0250	1	04/22/24	04/22/24	
p,m-Xylene	ND	0.0500	1	04/22/24	04/22/24	
Total Xylenes	ND	0.0250	1	04/22/24	04/22/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.1 %	70-130		04/22/24	04/22/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: EG		Batch: 2417011
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/24	04/22/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.7 %	70-130		04/22/24	04/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417015
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/24	04/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/24	04/23/24	
<i>Surrogate: n-Nonane</i>						
	90.0 %	50-200		04/22/24	04/23/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2417019
Chloride	2570	40.0	2	04/22/24	04/22/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 CTB 4 Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 4/26/2024 12:00:49PM
---	--	-----------------------------------

S5 -3'

E404215-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: EG		Batch: 2417011
Benzene	ND	0.0250	1	04/22/24	04/22/24	
Ethylbenzene	ND	0.0250	1	04/22/24	04/22/24	
Toluene	ND	0.0250	1	04/22/24	04/22/24	
o-Xylene	ND	0.0250	1	04/22/24	04/22/24	
p,m-Xylene	ND	0.0500	1	04/22/24	04/22/24	
Total Xylenes	ND	0.0250	1	04/22/24	04/22/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.5 %	70-130		04/22/24	04/22/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: EG		Batch: 2417011
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/24	04/22/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.9 %	70-130		04/22/24	04/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417015
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/24	04/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/24	04/23/24	
<i>Surrogate: n-Nonane</i>						
	91.0 %	50-200		04/22/24	04/23/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2417019
Chloride	3760	40.0	2	04/22/24	04/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	Reported: 4/26/2024 12:00:49PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S5 -4'

E404215-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG		Batch: 2417011	
Benzene	ND	0.0250	1	04/22/24	04/22/24	
Ethylbenzene	ND	0.0250	1	04/22/24	04/22/24	
Toluene	ND	0.0250	1	04/22/24	04/22/24	
o-Xylene	ND	0.0250	1	04/22/24	04/22/24	
p,m-Xylene	ND	0.0500	1	04/22/24	04/22/24	
Total Xylenes	ND	0.0250	1	04/22/24	04/22/24	
Surrogate: 4-Bromochlorobenzene-PID	91.5 %	70-130		04/22/24	04/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG		Batch: 2417011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/24	04/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	91.2 %	70-130		04/22/24	04/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2417015	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/24	04/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/24	04/23/24	
Surrogate: n-Nonane	91.2 %	50-200		04/22/24	04/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2417019	
Chloride	5230	100	5	04/22/24	04/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	Reported: 4/26/2024 12:00:49PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S5 -5'

E404215-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG		Batch: 2417011	
Benzene	ND	0.0250	1	04/22/24	04/22/24	
Ethylbenzene	ND	0.0250	1	04/22/24	04/22/24	
Toluene	ND	0.0250	1	04/22/24	04/22/24	
o-Xylene	ND	0.0250	1	04/22/24	04/22/24	
p,m-Xylene	ND	0.0500	1	04/22/24	04/22/24	
Total Xylenes	ND	0.0250	1	04/22/24	04/22/24	
Surrogate: 4-Bromochlorobenzene-PID	93.0 %	70-130		04/22/24	04/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG		Batch: 2417011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/24	04/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	91.8 %	70-130		04/22/24	04/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2417015	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/24	04/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/24	04/23/24	
Surrogate: n-Nonane	88.3 %	50-200		04/22/24	04/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2417019	
Chloride	158	20.0	1	04/22/24	04/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	Reported: 4/26/2024 12:00:49PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S5 -6'

E404215-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG		Batch: 2417011	
Benzene	ND	0.0250	1	04/22/24	04/23/24	
Ethylbenzene	ND	0.0250	1	04/22/24	04/23/24	
Toluene	ND	0.0250	1	04/22/24	04/23/24	
o-Xylene	ND	0.0250	1	04/22/24	04/23/24	
p,m-Xylene	ND	0.0500	1	04/22/24	04/23/24	
Total Xylenes	ND	0.0250	1	04/22/24	04/23/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.5 %	70-130		04/22/24	04/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG		Batch: 2417011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/24	04/23/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.6 %	70-130		04/22/24	04/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2417015	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/24	04/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/24	04/23/24	
<i>Surrogate: n-Nonane</i>						
	90.1 %	50-200		04/22/24	04/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2417019	
Chloride	48.8	20.0	1	04/22/24	04/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	Reported: 4/26/2024 12:00:49PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S6 -1'

E404215-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG		Batch: 2417011	
Benzene	ND	0.0250	1	04/22/24	04/23/24	
Ethylbenzene	0.772	0.0250	1	04/22/24	04/23/24	
Toluene	0.201	0.0250	1	04/22/24	04/23/24	
o-Xylene	0.431	0.0250	1	04/22/24	04/23/24	
p,m-Xylene	2.48	0.0500	1	04/22/24	04/23/24	
Total Xylenes	2.91	0.0250	1	04/22/24	04/23/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.4 %	70-130		04/22/24	04/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG		Batch: 2417011	
Gasoline Range Organics (C6-C10)	96.9	20.0	1	04/22/24	04/23/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.7 %	70-130		04/22/24	04/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2417015	
Diesel Range Organics (C10-C28)	5230	25.0	1	04/22/24	04/23/24	
Oil Range Organics (C28-C36)	1570	50.0	1	04/22/24	04/23/24	
<i>Surrogate: n-Nonane</i>						
	98.2 %	50-200		04/22/24	04/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2417019	
Chloride	2580	40.0	2	04/22/24	04/22/24	



Sample Data

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

Project Name: Fighting Okra 18 CTB 4
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/26/2024 12:00:49PM

S6 -2'

E404215-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: EG		Batch: 2417011
Benzene	ND	0.0250	1	04/22/24	04/22/24	
Ethylbenzene	0.582	0.0250	1	04/22/24	04/22/24	
Toluene	0.135	0.0250	1	04/22/24	04/22/24	
o-Xylene	0.217	0.0250	1	04/22/24	04/22/24	
p,m-Xylene	1.55	0.0500	1	04/22/24	04/22/24	
Total Xylenes	1.77	0.0250	1	04/22/24	04/22/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.2 %	70-130		04/22/24	04/22/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: EG		Batch: 2417011
Gasoline Range Organics (C6-C10)	67.8	20.0	1	04/22/24	04/22/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.1 %	70-130		04/22/24	04/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417015
Diesel Range Organics (C10-C28)	4850	250	10	04/22/24	04/24/24	
Oil Range Organics (C28-C36)	1710	500	10	04/22/24	04/24/24	
<i>Surrogate: n-Nonane</i>						
	93.8 %	50-200		04/22/24	04/24/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2417019
Chloride	3940	40.0	2	04/22/24	04/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	Reported: 4/26/2024 12:00:49PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S6 -3'

E404215-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG		Batch: 2417011	
Benzene	ND	0.0250	1	04/22/24	04/23/24	
Ethylbenzene	0.618	0.0250	1	04/22/24	04/23/24	
Toluene	0.124	0.0250	1	04/22/24	04/23/24	
o-Xylene	0.255	0.0250	1	04/22/24	04/23/24	
p,m-Xylene	1.60	0.0500	1	04/22/24	04/23/24	
Total Xylenes	1.85	0.0250	1	04/22/24	04/23/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.9 %	70-130		04/22/24	04/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG		Batch: 2417011	
Gasoline Range Organics (C6-C10)	72.6	20.0	1	04/22/24	04/23/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.8 %	70-130		04/22/24	04/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2417015	
Diesel Range Organics (C10-C28)	5180	250	10	04/22/24	04/24/24	
Oil Range Organics (C28-C36)	1580	500	10	04/22/24	04/24/24	
<i>Surrogate: n-Nonane</i>						
	99.7 %	50-200		04/22/24	04/24/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2417019	
Chloride	2080	40.0	2	04/22/24	04/22/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 CTB 4 Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 4/26/2024 12:00:49PM
---	--	-----------------------------------

S6 -4'

E404215-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG		Batch: 2417011	
Benzene	ND	0.0250	1	04/22/24	04/23/24	
Ethylbenzene	0.805	0.0250	1	04/22/24	04/23/24	
Toluene	0.210	0.0250	1	04/22/24	04/23/24	
o-Xylene	0.301	0.0250	1	04/22/24	04/23/24	
p,m-Xylene	2.18	0.0500	1	04/22/24	04/23/24	
Total Xylenes	2.48	0.0250	1	04/22/24	04/23/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.9 %	70-130		04/22/24	04/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG		Batch: 2417011	
Gasoline Range Organics (C6-C10)	96.7	20.0	1	04/22/24	04/23/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.9 %	70-130		04/22/24	04/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2417015	
Diesel Range Organics (C10-C28)	7750	25.0	1	04/22/24	04/23/24	
Oil Range Organics (C28-C36)	2390	50.0	1	04/22/24	04/23/24	
<i>Surrogate: n-Nonane</i>						
	103 %	50-200		04/22/24	04/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2417019	
Chloride	2200	40.0	2	04/22/24	04/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	Reported: 4/26/2024 12:00:49PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S6 -5'

E404215-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG		Batch: 2417011	
Benzene	ND	0.0250	1	04/22/24	04/23/24	
Ethylbenzene	ND	0.0250	1	04/22/24	04/23/24	
Toluene	ND	0.0250	1	04/22/24	04/23/24	
o-Xylene	ND	0.0250	1	04/22/24	04/23/24	
p,m-Xylene	ND	0.0500	1	04/22/24	04/23/24	
Total Xylenes	ND	0.0250	1	04/22/24	04/23/24	
Surrogate: 4-Bromochlorobenzene-PID	90.1 %	70-130		04/22/24	04/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG		Batch: 2417011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/24	04/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	93.3 %	70-130		04/22/24	04/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2417015	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/24	04/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/24	04/24/24	
Surrogate: n-Nonane	90.7 %	50-200		04/22/24	04/24/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2417019	
Chloride	160	20.0	1	04/22/24	04/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	Reported: 4/26/2024 12:00:49PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S6 -6'

E404215-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG		Batch: 2417011	
Benzene	ND	0.0250	1	04/22/24	04/23/24	
Ethylbenzene	ND	0.0250	1	04/22/24	04/23/24	
Toluene	ND	0.0250	1	04/22/24	04/23/24	
o-Xylene	ND	0.0250	1	04/22/24	04/23/24	
p,m-Xylene	ND	0.0500	1	04/22/24	04/23/24	
Total Xylenes	ND	0.0250	1	04/22/24	04/23/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.0 %	70-130		04/22/24	04/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG		Batch: 2417011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/24	04/23/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.2 %	70-130		04/22/24	04/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2417015	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/24	04/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/24	04/24/24	
<i>Surrogate: n-Nonane</i>						
	89.6 %	50-200		04/22/24	04/24/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2417019	
Chloride	51.5	20.0	1	04/22/24	04/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	Reported: 4/26/2024 12:00:49PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S7 -1'

E404215-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG		Batch: 2417011	
Benzene	ND	0.0250	1	04/22/24	04/23/24	
Ethylbenzene	ND	0.0250	1	04/22/24	04/23/24	
Toluene	ND	0.0250	1	04/22/24	04/23/24	
o-Xylene	ND	0.0250	1	04/22/24	04/23/24	
p,m-Xylene	ND	0.0500	1	04/22/24	04/23/24	
Total Xylenes	ND	0.0250	1	04/22/24	04/23/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.3 %	70-130		04/22/24	04/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG		Batch: 2417011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/24	04/23/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.0 %	70-130		04/22/24	04/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2417015	
Diesel Range Organics (C10-C28)	32.8	25.0	1	04/22/24	04/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/24	04/23/24	
<i>Surrogate: n-Nonane</i>						
	90.0 %	50-200		04/22/24	04/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2417019	
Chloride	9450	200	10	04/22/24	04/22/24	



Sample Data

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

Project Name: Fighting Okra 18 CTB 4
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/26/2024 12:00:49PM

S7 -2'

E404215-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: EG		Batch: 2417011
Benzene	ND	0.0250	1	04/22/24	04/23/24	
Ethylbenzene	ND	0.0250	1	04/22/24	04/23/24	
Toluene	ND	0.0250	1	04/22/24	04/23/24	
o-Xylene	ND	0.0250	1	04/22/24	04/23/24	
p,m-Xylene	ND	0.0500	1	04/22/24	04/23/24	
Total Xylenes	ND	0.0250	1	04/22/24	04/23/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.2 %	70-130		04/22/24	04/23/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: EG		Batch: 2417011
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/24	04/23/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.1 %	70-130		04/22/24	04/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417015
Diesel Range Organics (C10-C28)	35.0	25.0	1	04/22/24	04/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/24	04/23/24	
<i>Surrogate: n-Nonane</i>						
	90.0 %	50-200		04/22/24	04/23/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2417019
Chloride	1000	20.0	1	04/22/24	04/23/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	Reported: 4/26/2024 12:00:49PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S7 -3'

E404215-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG		Batch: 2417011	
Benzene	ND	0.0250	1	04/22/24	04/23/24	
Ethylbenzene	ND	0.0250	1	04/22/24	04/23/24	
Toluene	ND	0.0250	1	04/22/24	04/23/24	
o-Xylene	ND	0.0250	1	04/22/24	04/23/24	
p,m-Xylene	ND	0.0500	1	04/22/24	04/23/24	
Total Xylenes	ND	0.0250	1	04/22/24	04/23/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.5 %	70-130		04/22/24	04/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG		Batch: 2417011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/24	04/23/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.5 %	70-130		04/22/24	04/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2417015	
Diesel Range Organics (C10-C28)	2660	25.0	1	04/22/24	04/24/24	
Oil Range Organics (C28-C36)	938	50.0	1	04/22/24	04/24/24	
<i>Surrogate: n-Nonane</i>						
	88.9 %	50-200		04/22/24	04/24/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2417019	
Chloride	5480	100	5	04/22/24	04/23/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	Reported: 4/26/2024 12:00:49PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S7 -4'

E404215-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG		Batch: 2417011	
Benzene	ND	0.0250	1	04/22/24	04/23/24	
Ethylbenzene	ND	0.0250	1	04/22/24	04/23/24	
Toluene	ND	0.0250	1	04/22/24	04/23/24	
o-Xylene	ND	0.0250	1	04/22/24	04/23/24	
p,m-Xylene	ND	0.0500	1	04/22/24	04/23/24	
Total Xylenes	ND	0.0250	1	04/22/24	04/23/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.2 %	70-130		04/22/24	04/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG		Batch: 2417011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/24	04/23/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.8 %	70-130		04/22/24	04/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2417015	
Diesel Range Organics (C10-C28)	1540	25.0	1	04/22/24	04/24/24	
Oil Range Organics (C28-C36)	609	50.0	1	04/22/24	04/24/24	
<i>Surrogate: n-Nonane</i>						
	89.8 %	50-200		04/22/24	04/24/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2417019	
Chloride	11100	200	10	04/22/24	04/23/24	



Sample Data

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

Project Name: Fighting Okra 18 CTB 4
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/26/2024 12:00:49PM

S7 -5'

E404215-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417012
Benzene	ND	0.0250	1	04/22/24	04/23/24	
Ethylbenzene	ND	0.0250	1	04/22/24	04/23/24	
Toluene	ND	0.0250	1	04/22/24	04/23/24	
o-Xylene	ND	0.0250	1	04/22/24	04/23/24	
p,m-Xylene	ND	0.0500	1	04/22/24	04/23/24	
Total Xylenes	ND	0.0250	1	04/22/24	04/23/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.5 %	70-130		04/22/24	04/23/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417012
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/24	04/23/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.3 %	70-130		04/22/24	04/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417017
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/24	04/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/24	04/23/24	
<i>Surrogate: n-Nonane</i>						
	107 %	50-200		04/22/24	04/23/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2417021
Chloride	184	20.0	1	04/22/24	04/22/24	



Sample Data

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

Project Name: Fighting Okra 18 CTB 4
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/26/2024 12:00:49PM

S7 -6'

E404215-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417012
Benzene	ND	0.0250	1	04/22/24	04/23/24	
Ethylbenzene	ND	0.0250	1	04/22/24	04/23/24	
Toluene	ND	0.0250	1	04/22/24	04/23/24	
o-Xylene	ND	0.0250	1	04/22/24	04/23/24	
p,m-Xylene	ND	0.0500	1	04/22/24	04/23/24	
Total Xylenes	ND	0.0250	1	04/22/24	04/23/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.9 %	70-130		04/22/24	04/23/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417012
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/24	04/23/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.0 %	70-130		04/22/24	04/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417017
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/24	04/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/24	04/23/24	
<i>Surrogate: n-Nonane</i>						
	107 %	50-200		04/22/24	04/23/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2417021
Chloride	46.4	20.0	1	04/22/24	04/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	Reported: 4/26/2024 12:00:49PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S8 -1'

E404215-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2417012	
Benzene	ND	0.0250	1	04/22/24	04/23/24	
Ethylbenzene	0.106	0.0250	1	04/22/24	04/23/24	
Toluene	ND	0.0250	1	04/22/24	04/23/24	
o-Xylene	0.232	0.0250	1	04/22/24	04/23/24	
p,m-Xylene	0.707	0.0500	1	04/22/24	04/23/24	
Total Xylenes	0.939	0.0250	1	04/22/24	04/23/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.1 %	70-130		04/22/24	04/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2417012	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/24	04/23/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.7 %	70-130		04/22/24	04/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2417017	
Diesel Range Organics (C10-C28)	3620	25.0	1	04/22/24	04/23/24	
Oil Range Organics (C28-C36)	1700	50.0	1	04/22/24	04/23/24	
<i>Surrogate: n-Nonane</i>						
	113 %	50-200		04/22/24	04/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF		Batch: 2417021	
Chloride	3060	40.0	2	04/22/24	04/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	Reported: 4/26/2024 12:00:49PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S8 -2'

E404215-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2417012	
Benzene	ND	0.0250	1	04/22/24	04/23/24	
Ethylbenzene	ND	0.0250	1	04/22/24	04/23/24	
Toluene	ND	0.0250	1	04/22/24	04/23/24	
o-Xylene	ND	0.0250	1	04/22/24	04/23/24	
p,m-Xylene	ND	0.0500	1	04/22/24	04/23/24	
Total Xylenes	ND	0.0250	1	04/22/24	04/23/24	
Surrogate: 4-Bromochlorobenzene-PID	93.8 %	70-130		04/22/24	04/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2417012	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/24	04/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	90.7 %	70-130		04/22/24	04/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2417017	
Diesel Range Organics (C10-C28)	100	25.0	1	04/22/24	04/24/24	
Oil Range Organics (C28-C36)	57.5	50.0	1	04/22/24	04/24/24	
Surrogate: n-Nonane	109 %	50-200		04/22/24	04/24/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF		Batch: 2417021	
Chloride	1080	20.0	1	04/22/24	04/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	Reported: 4/26/2024 12:00:49PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S8 -3'

E404215-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417012
Benzene	ND	0.0250	1	04/22/24	04/23/24	
Ethylbenzene	ND	0.0250	1	04/22/24	04/23/24	
Toluene	ND	0.0250	1	04/22/24	04/23/24	
o-Xylene	ND	0.0250	1	04/22/24	04/23/24	
p,m-Xylene	ND	0.0500	1	04/22/24	04/23/24	
Total Xylenes	ND	0.0250	1	04/22/24	04/23/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.5 %	70-130		04/22/24	04/23/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417012
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/24	04/23/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.1 %	70-130		04/22/24	04/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417017
Diesel Range Organics (C10-C28)	3060	25.0	1	04/22/24	04/23/24	
Oil Range Organics (C28-C36)	1220	50.0	1	04/22/24	04/23/24	
<i>Surrogate: n-Nonane</i>						
	106 %	50-200		04/22/24	04/23/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2417021
Chloride	4940	100	5	04/22/24	04/22/24	



Sample Data

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

Project Name: Fighting Okra 18 CTB 4
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/26/2024 12:00:49PM

S8 -4'

E404215-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417012
Benzene	ND	0.0250	1	04/22/24	04/23/24	
Ethylbenzene	ND	0.0250	1	04/22/24	04/23/24	
Toluene	ND	0.0250	1	04/22/24	04/23/24	
o-Xylene	ND	0.0250	1	04/22/24	04/23/24	
p,m-Xylene	ND	0.0500	1	04/22/24	04/23/24	
Total Xylenes	ND	0.0250	1	04/22/24	04/23/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		91.1 %	70-130	04/22/24	04/23/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417012
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/24	04/23/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.3 %	70-130	04/22/24	04/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417017
Diesel Range Organics (C10-C28)	38.7	25.0	1	04/22/24	04/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/24	04/24/24	
<i>Surrogate: n-Nonane</i>						
		107 %	50-200	04/22/24	04/24/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2417021
Chloride	1520	40.0	2	04/22/24	04/22/24	



Sample Data

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

Project Name: Fighting Okra 18 CTB 4
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/26/2024 12:00:49PM

S8 -5'

E404215-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417012
Benzene	ND	0.0250	1	04/22/24	04/23/24	
Ethylbenzene	ND	0.0250	1	04/22/24	04/23/24	
Toluene	ND	0.0250	1	04/22/24	04/23/24	
o-Xylene	ND	0.0250	1	04/22/24	04/23/24	
p,m-Xylene	ND	0.0500	1	04/22/24	04/23/24	
Total Xylenes	ND	0.0250	1	04/22/24	04/23/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.9 %	70-130		04/22/24	04/23/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417012
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/24	04/23/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.4 %	70-130		04/22/24	04/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417017
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/24	04/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/24	04/23/24	
<i>Surrogate: n-Nonane</i>						
	106 %	50-200		04/22/24	04/23/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2417021
Chloride	178	20.0	1	04/22/24	04/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	Reported: 4/26/2024 12:00:49PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S8 -6'

E404215-28

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417012
Benzene	ND	0.0250	1	04/22/24	04/23/24	
Ethylbenzene	ND	0.0250	1	04/22/24	04/23/24	
Toluene	ND	0.0250	1	04/22/24	04/23/24	
o-Xylene	ND	0.0250	1	04/22/24	04/23/24	
p,m-Xylene	ND	0.0500	1	04/22/24	04/23/24	
Total Xylenes	ND	0.0250	1	04/22/24	04/23/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.4 %	70-130		04/22/24	04/23/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417012
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/24	04/23/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.4 %	70-130		04/22/24	04/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417017
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/24	04/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/24	04/23/24	
<i>Surrogate: n-Nonane</i>						
	104 %	50-200		04/22/24	04/23/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2417021
Chloride	53.7	20.0	1	04/22/24	04/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	Reported: 4/26/2024 12:00:49PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW1

E404215-29

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417012
Benzene	ND	0.0250	1	04/22/24	04/23/24	
Ethylbenzene	ND	0.0250	1	04/22/24	04/23/24	
Toluene	ND	0.0250	1	04/22/24	04/23/24	
o-Xylene	ND	0.0250	1	04/22/24	04/23/24	
p,m-Xylene	ND	0.0500	1	04/22/24	04/23/24	
Total Xylenes	ND	0.0250	1	04/22/24	04/23/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.5 %	70-130		04/22/24	04/23/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417012
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/24	04/23/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.8 %	70-130		04/22/24	04/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417017
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/24	04/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/24	04/23/24	
<i>Surrogate: n-Nonane</i>						
	110 %	50-200		04/22/24	04/23/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2417021
Chloride	ND	20.0	1	04/22/24	04/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	Reported: 4/26/2024 12:00:49PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW2

E404215-30

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2417012	
Benzene	ND	0.0250	1	04/22/24	04/23/24	
Ethylbenzene	ND	0.0250	1	04/22/24	04/23/24	
Toluene	ND	0.0250	1	04/22/24	04/23/24	
o-Xylene	ND	0.0250	1	04/22/24	04/23/24	
p,m-Xylene	ND	0.0500	1	04/22/24	04/23/24	
Total Xylenes	ND	0.0250	1	04/22/24	04/23/24	
Surrogate: 4-Bromochlorobenzene-PID	90.2 %	70-130		04/22/24	04/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2417012	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/24	04/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	93.1 %	70-130		04/22/24	04/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2417017	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/24	04/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/24	04/23/24	
Surrogate: n-Nonane	110 %	50-200		04/22/24	04/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF		Batch: 2417021	
Chloride	ND	20.0	1	04/22/24	04/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	Reported: 4/26/2024 12:00:49PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW3

E404215-31

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417012
Benzene	ND	0.0250	1	04/22/24	04/23/24	
Ethylbenzene	ND	0.0250	1	04/22/24	04/23/24	
Toluene	ND	0.0250	1	04/22/24	04/23/24	
o-Xylene	ND	0.0250	1	04/22/24	04/23/24	
p,m-Xylene	ND	0.0500	1	04/22/24	04/23/24	
Total Xylenes	ND	0.0250	1	04/22/24	04/23/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.3 %	70-130		04/22/24	04/23/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417012
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/24	04/23/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.6 %	70-130		04/22/24	04/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417017
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/24	04/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/24	04/23/24	
<i>Surrogate: n-Nonane</i>						
	109 %	50-200		04/22/24	04/23/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2417021
Chloride	ND	20.0	1	04/22/24	04/22/24	



Sample Data

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

Project Name: Fighting Okra 18 CTB 4
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/26/2024 12:00:49PM

SW4

E404215-32

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417012
Benzene	ND	0.0250	1	04/22/24	04/23/24	
Ethylbenzene	ND	0.0250	1	04/22/24	04/23/24	
Toluene	ND	0.0250	1	04/22/24	04/23/24	
o-Xylene	ND	0.0250	1	04/22/24	04/23/24	
p,m-Xylene	ND	0.0500	1	04/22/24	04/23/24	
Total Xylenes	ND	0.0250	1	04/22/24	04/23/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.5 %	70-130		04/22/24	04/23/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417012
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/24	04/23/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.9 %	70-130		04/22/24	04/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417017
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/24	04/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/24	04/23/24	
<i>Surrogate: n-Nonane</i>						
	108 %	50-200		04/22/24	04/23/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2417021
Chloride	ND	20.0	1	04/22/24	04/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	Reported: 4/26/2024 12:00:49PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW5

E404215-33

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2417012	
Benzene	ND	0.0250	1	04/22/24	04/23/24	
Ethylbenzene	ND	0.0250	1	04/22/24	04/23/24	
Toluene	ND	0.0250	1	04/22/24	04/23/24	
o-Xylene	ND	0.0250	1	04/22/24	04/23/24	
p,m-Xylene	ND	0.0500	1	04/22/24	04/23/24	
Total Xylenes	ND	0.0250	1	04/22/24	04/23/24	
Surrogate: 4-Bromochlorobenzene-PID	90.2 %	70-130		04/22/24	04/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2417012	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/24	04/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	92.5 %	70-130		04/22/24	04/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2417017	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/24	04/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/24	04/23/24	
Surrogate: n-Nonane	108 %	50-200		04/22/24	04/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF		Batch: 2417021	
Chloride	ND	20.0	1	04/22/24	04/22/24	



Sample Data

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

Project Name: Fighting Okra 18 CTB 4
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
4/26/2024 12:00:49PM

SW6

E404215-34

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417012
Benzene	ND	0.0250	1	04/22/24	04/23/24	
Ethylbenzene	ND	0.0250	1	04/22/24	04/23/24	
Toluene	ND	0.0250	1	04/22/24	04/23/24	
o-Xylene	ND	0.0250	1	04/22/24	04/23/24	
p,m-Xylene	ND	0.0500	1	04/22/24	04/23/24	
Total Xylenes	ND	0.0250	1	04/22/24	04/23/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.1 %	70-130		04/22/24	04/23/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2417012
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/24	04/23/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.1 %	70-130		04/22/24	04/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417017
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/24	04/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/24	04/23/24	
<i>Surrogate: n-Nonane</i>						
	109 %	50-200		04/22/24	04/23/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2417021
Chloride	ND	20.0	1	04/22/24	04/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	Reported: 4/26/2024 12:00:49PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW7

E404215-35

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2417012	
Benzene	ND	0.0250	1	04/22/24	04/23/24	
Ethylbenzene	ND	0.0250	1	04/22/24	04/23/24	
Toluene	ND	0.0250	1	04/22/24	04/23/24	
o-Xylene	ND	0.0250	1	04/22/24	04/23/24	
p,m-Xylene	ND	0.0500	1	04/22/24	04/23/24	
Total Xylenes	ND	0.0250	1	04/22/24	04/23/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.9 %	70-130		04/22/24	04/23/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2417012	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/24	04/23/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.5 %	70-130		04/22/24	04/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2417017	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/24	04/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/24	04/23/24	
<i>Surrogate: n-Nonane</i>						
	107 %	50-200		04/22/24	04/23/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: WF		Batch: 2417021	
Chloride	ND	20.0	1	04/22/24	04/23/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	Reported: 4/26/2024 12:00:49PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW8

E404215-36

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2417012	
Benzene	ND	0.0250	1	04/22/24	04/23/24	
Ethylbenzene	ND	0.0250	1	04/22/24	04/23/24	
Toluene	ND	0.0250	1	04/22/24	04/23/24	
o-Xylene	ND	0.0250	1	04/22/24	04/23/24	
p,m-Xylene	ND	0.0500	1	04/22/24	04/23/24	
Total Xylenes	ND	0.0250	1	04/22/24	04/23/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.1 %	70-130		04/22/24	04/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2417012	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/24	04/23/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.5 %	70-130		04/22/24	04/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2417017	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/24	04/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/24	04/23/24	
<i>Surrogate: n-Nonane</i>						
	107 %	50-200		04/22/24	04/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF		Batch: 2417021	
Chloride	ND	20.0	1	04/22/24	04/23/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	Reported: 4/26/2024 12:00:49PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

BG1

E404215-37

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2417012	
Benzene	ND	0.0250	1	04/22/24	04/23/24	
Ethylbenzene	ND	0.0250	1	04/22/24	04/23/24	
Toluene	ND	0.0250	1	04/22/24	04/23/24	
o-Xylene	ND	0.0250	1	04/22/24	04/23/24	
p,m-Xylene	ND	0.0500	1	04/22/24	04/23/24	
Total Xylenes	ND	0.0250	1	04/22/24	04/23/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.9 %	70-130		04/22/24	04/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2417012	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/24	04/23/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.2 %	70-130		04/22/24	04/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2417017	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/24	04/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/24	04/23/24	
<i>Surrogate: n-Nonane</i>						
	106 %	50-200		04/22/24	04/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF		Batch: 2417021	
Chloride	ND	20.0	1	04/22/24	04/23/24	



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	4/26/2024 12:00:49PM

Volatile Organics by EPA 8021B

Analyst: EG

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

Blank (2417011-BLK1) Prepared: 04/22/24 Analyzed: 04/22/24

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: 4-Bromochlorobenzene-PID	7.24		8.00		90.5	70-130			

LCS (2417011-BS1) Prepared: 04/22/24 Analyzed: 04/22/24

Benzene	4.71	0.0250	5.00		94.2	70-130			
Ethylbenzene	4.99	0.0250	5.00		99.7	70-130			
Toluene	4.89	0.0250	5.00		97.9	70-130			
o-Xylene	4.94	0.0250	5.00		98.8	70-130			
p,m-Xylene	10.0	0.0500	10.0		100	70-130			
Total Xylenes	15.0	0.0250	15.0		99.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.23		8.00		90.4	70-130			

Matrix Spike (2417011-MS1) Source: E404215-12 Prepared: 04/22/24 Analyzed: 04/22/24

Benzene	4.64	0.0250	5.00	ND	92.8	54-133			
Ethylbenzene	5.59	0.0250	5.00	0.582	100	61-133			
Toluene	5.02	0.0250	5.00	0.135	97.8	61-130			
o-Xylene	5.39	0.0250	5.00	0.217	103	63-131			
p,m-Xylene	11.5	0.0500	10.0	1.55	99.3	63-131			
Total Xylenes	16.9	0.0250	15.0	1.77	101	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.28		8.00		91.0	70-130			

Matrix Spike Dup (2417011-MSD1) Source: E404215-12 Prepared: 04/22/24 Analyzed: 04/22/24

Benzene	4.68	0.0250	5.00	ND	93.5	54-133	0.773	20	
Ethylbenzene	5.56	0.0250	5.00	0.582	99.5	61-133	0.611	20	
Toluene	5.06	0.0250	5.00	0.135	98.5	61-130	0.699	20	
o-Xylene	5.40	0.0250	5.00	0.217	104	63-131	0.300	20	
p,m-Xylene	11.4	0.0500	10.0	1.55	98.1	63-131	1.04	20	
Total Xylenes	16.8	0.0250	15.0	1.77	100	63-131	0.610	20	
Surrogate: 4-Bromochlorobenzene-PID	7.35		8.00		91.8	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	4/26/2024 12:00:49PM

Volatile Organics by EPA 8021B

Analyst: RKS

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

Blank (2417012-BLK1) Prepared: 04/22/24 Analyzed: 04/23/24

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: 4-Bromochlorobenzene-PID	7.41		8.00		92.7	70-130			

LCS (2417012-BS1) Prepared: 04/22/24 Analyzed: 04/23/24

Benzene	5.19	0.0250	5.00		104	70-130			
Ethylbenzene	5.15	0.0250	5.00		103	70-130			
Toluene	5.17	0.0250	5.00		103	70-130			
o-Xylene	5.10	0.0250	5.00		102	70-130			
p,m-Xylene	10.4	0.0500	10.0		104	70-130			
Total Xylenes	15.5	0.0250	15.0		103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.32		8.00		91.4	70-130			

Matrix Spike (2417012-MS1) Source: E404215-22 Prepared: 04/22/24 Analyzed: 04/23/24

Benzene	5.26	0.0250	5.00	ND	105	54-133			
Ethylbenzene	5.21	0.0250	5.00	ND	104	61-133			
Toluene	5.22	0.0250	5.00	ND	104	61-130			
o-Xylene	5.16	0.0250	5.00	ND	103	63-131			
p,m-Xylene	10.5	0.0500	10.0	ND	105	63-131			
Total Xylenes	15.7	0.0250	15.0	ND	104	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.42		8.00		92.7	70-130			

Matrix Spike Dup (2417012-MSD1) Source: E404215-22 Prepared: 04/22/24 Analyzed: 04/23/24

Benzene	5.23	0.0250	5.00	ND	105	54-133	0.610	20	
Ethylbenzene	5.19	0.0250	5.00	ND	104	61-133	0.391	20	
Toluene	5.19	0.0250	5.00	ND	104	61-130	0.538	20	
o-Xylene	5.12	0.0250	5.00	ND	102	63-131	0.678	20	
p,m-Xylene	10.5	0.0500	10.0	ND	105	63-131	0.445	20	
Total Xylenes	15.6	0.0250	15.0	ND	104	63-131	0.522	20	
Surrogate: 4-Bromochlorobenzene-PID	7.33		8.00		91.7	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	4/26/2024 12:00:49PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: EG

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

Blank (2417011-BLK1) Prepared: 04/22/24 Analyzed: 04/22/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.48		8.00		93.5	70-130			

LCS (2417011-BS2) Prepared: 04/22/24 Analyzed: 04/22/24

Gasoline Range Organics (C6-C10)	48.6	20.0	50.0		97.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.54		8.00		94.3	70-130			

Matrix Spike (2417011-MS2) Source: E404215-12 Prepared: 04/22/24 Analyzed: 04/22/24

Gasoline Range Organics (C6-C10)	125	20.0	50.0	67.8	113	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.63		8.00		95.4	70-130			

Matrix Spike Dup (2417011-MSD2) Source: E404215-12 Prepared: 04/22/24 Analyzed: 04/22/24

Gasoline Range Organics (C6-C10)	114	20.0	50.0	67.8	92.8	70-130	8.61	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.68		8.00		96.0	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	4/26/2024 12:00:49PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

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

Blank (2417012-BLK1) Prepared: 04/22/24 Analyzed: 04/23/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.29		8.00		91.2	70-130			

LCS (2417012-BS2) Prepared: 04/22/24 Analyzed: 04/23/24

Gasoline Range Organics (C6-C10)	50.0	20.0	50.0		100	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.34		8.00		91.7	70-130			

Matrix Spike (2417012-MS2) Source: E404215-22 Prepared: 04/22/24 Analyzed: 04/23/24

Gasoline Range Organics (C6-C10)	49.0	20.0	50.0	ND	98.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.47		8.00		93.4	70-130			

Matrix Spike Dup (2417012-MSD2) Source: E404215-22 Prepared: 04/22/24 Analyzed: 04/23/24

Gasoline Range Organics (C6-C10)	48.9	20.0	50.0	ND	97.9	70-130	0.149	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.31		8.00		91.4	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:	Gio Gomez	4/26/2024 12:00:49PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

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

Blank (2417015-BLK1)					Prepared: 04/22/24 Analyzed: 04/23/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	44.0		50.0		87.9	50-200			

LCS (2417015-BS1)					Prepared: 04/22/24 Analyzed: 04/23/24				
Diesel Range Organics (C10-C28)	241	25.0	250		96.2	38-132			
Surrogate: n-Nonane	44.6		50.0		89.2	50-200			

Matrix Spike (2417015-MS1)					Source: E404215-03		Prepared: 04/22/24 Analyzed: 04/23/24		
Diesel Range Organics (C10-C28)	241	25.0	250	ND	96.3	38-132			
Surrogate: n-Nonane	44.8		50.0		89.6	50-200			

Matrix Spike Dup (2417015-MSD1)					Source: E404215-03		Prepared: 04/22/24 Analyzed: 04/23/24		
Diesel Range Organics (C10-C28)	252	25.0	250	ND	101	38-132	4.47	20	
Surrogate: n-Nonane	46.4		50.0		92.8	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	4/26/2024 12:00:49PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

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

Blank (2417017-BLK1) Prepared: 04/22/24 Analyzed: 04/23/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.8		50.0		106	50-200			

LCS (2417017-BS1) Prepared: 04/22/24 Analyzed: 04/23/24

Diesel Range Organics (C10-C28)	265	25.0	250		106	38-132			
Surrogate: n-Nonane	53.0		50.0		106	50-200			

Matrix Spike (2417017-MS1) Source: E404215-26 Prepared: 04/22/24 Analyzed: 04/23/24

Diesel Range Organics (C10-C28)	319	25.0	250	38.7	112	38-132			
Surrogate: n-Nonane	55.2		50.0		110	50-200			

Matrix Spike Dup (2417017-MSD1) Source: E404215-26 Prepared: 04/22/24 Analyzed: 04/23/24

Diesel Range Organics (C10-C28)	346	25.0	250	38.7	123	38-132	8.27	20	
Surrogate: n-Nonane	53.8		50.0		108	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	4/26/2024 12:00:49PM

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 (2417019-BLK1)					Prepared: 04/22/24 Analyzed: 04/22/24				
Chloride	ND	20.0							
LCS (2417019-BS1)					Prepared: 04/22/24 Analyzed: 04/22/24				
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2417019-MS1)					Source: E404215-06		Prepared: 04/22/24 Analyzed: 04/22/24		
Chloride	2950	40.0	250	2570	149	80-120			M4
Matrix Spike Dup (2417019-MSD1)					Source: E404215-06		Prepared: 04/22/24 Analyzed: 04/22/24		
Chloride	2910	40.0	250	2570	134	80-120	1.35	20	M4



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	4/26/2024 12:00:49PM

Anions by EPA 300.0/9056A

Analyst: WF

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

Blank (2417021-BLK1)					Prepared: 04/22/24 Analyzed: 04/22/24				
Chloride	ND	20.0							
LCS (2417021-BS1)					Prepared: 04/22/24 Analyzed: 04/22/24				
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2417021-MS1)					Source: E404215-23		Prepared: 04/22/24 Analyzed: 04/22/24		
Chloride	3190	40.0	250	3060	53.2	80-120			M4
Matrix Spike Dup (2417021-MSD1)					Source: E404215-23		Prepared: 04/22/24 Analyzed: 04/22/24		
Chloride	3200	40.0	250	3060	56.4	80-120	0.247	20	M4

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	04/26/24 12:00

- M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

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

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



Project Information

Chain of Custody

Page 3 of 6

Client: Pima Environmental Services Project: Fighting Okra 18 CT34 Project Manager: Gio Gomez Address: 5614 N. Lovington Hwy. City, State, Zip Hobbs, NM, 88240 Phone: 806-782-1151 Email: gio@pimaoil.com Report due by:		Bill To Attention: Devon Address: City, State, Zip Phone: Email: Pima Project # 1-353-3		Lab Use Only Lab Work: E 404/215 Job Number: 10058-0007		TAT 1D 2D 3D Standard				EPA Program CWA SDWA	
				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				RCRA State NM CO UT AZ TX		Remarks	

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
12:07	4/18	S		S4-3'	1							X		
12:11				S4-4'	2									
12:29				S4-5'	3									
12:36				S4-6'	4									
12:41				S5-1'	5									
12:58				S5-2'	6									
1:16				S5-3'	7									
1:28				S5-4'	8									
1:32				S5-5'	9									
1:46				S5-6'	10									

Additional Instructions:

B# 21327508

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

Sampled by:

Relinquished by: (Signature) <i>Karime Adams</i>	Date 4/19/24	Time 12:16	Received by: (Signature) <i>Michelle Gonzales</i>	Date 4-19-24	Time 12:16	Lab Use Only Received on ice: (Y) / N T1 T2 T3 AVG Temp °C 4
Relinquished by: (Signature) <i>Michelle Gonzales</i>	Date 4-19-24	Time 1700	Received by: (Signature) <i>C.M.</i>	Date 4-19-24	Time 1800	
Relinquished by: (Signature) <i>C.M.</i>	Date 4-19-24	Time 2400	Received by: (Signature) <i>ACR</i>	Date 4/22/24	Time 0830	

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

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

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

Project Information

Client: Pima Environmental Services

Project: Fighting Okech 18 CTB4

Project Manager: Gio Gomez

Address: 5614 N. Lovington Hwy.

City, State, Zip Hobbs, NM, 88240

Phone: 806-782-1151

Email: gio@pimaoil.com

Report due by:

Bill To

Attention: Devon

Address:

City, State, Zip

Phone:

Email:

Pima Project # 1-353-3

Lab Use Only

Lab WO# E 404215

Job Number 101058-0007

Analysis and Method

DRO/DRO by 8015

GRO/DRO by 8015

BTEX by 8021

VOC by 8260

Metals 6010

Chloride 300.0

BDOC NM

BDOC TX

TAT

1D

2D

3D

Standard

CWA

SDWA

RCRA

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks
1:53	4/18	S		S6-1'	11	
2:06				S6-2'	12	
2:13				S6-3'	13	
2:21				S6-4'	14	
2:37				S6-5'	15	
2:44				S6-6'	16	
2:51				S7-1'	17	
3:00				S7-2'	18	
3:13				S7-3'	19	
3:29				S7-4'	20	

Additional Instructions:

B# 21327508

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

Sampled by:

Relinquished by: (Signature)

4/19/24

12:16

Received by: (Signature)

Michelle Gonzales

4/19/24

12:16

Relinquished by: (Signature)

Michelle Gonzales

4-19-24

1700

Received by: (Signature)

J.H.

4.19.24

1800

Relinquished by: (Signature)

J.H.

4.19.24

2400

Received by: (Signature)

J.H.

4/22/24

0830

Received on ice:

Y/N

T1

T2

T3

AVG Temp °C

4

Container Type:

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

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

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

Project Information

Chain of Custody

Page 5 of 6

Client: Pima Environmental Services Project: Fighting OKRA 18CTB4 Project Manager: Glo Gomez Address: 5614 N. Lovington Hwy. City, State, Zip: Hobbs, NM, 88240 Phone: 806-782-1151 Email: glo@pimaoil.com Report due by:					Bill To Attention: Devon Address: City, State, Zip: Phone: Email: Pima Project # 1-353-3					Lab Use Only Lab WO# E404215 Job Number 01050-0007 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					TAT 1D 2D 3D Standard				EPA Program CWA SDWA RCRA	
										State NM CO UT AZ TX				Remarks						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number															
3:33	4/18	S		S7-5'	21									X						
3:49				S7-6'	22															
3:51				S8-1'	23															
4:02				S8-2'	24															
4:12				S8-3'	25															
4:24				S8-4'	26															
4:31				S8-5'	27															
4:39				S8-6'	28															
4:46				SW1	29															
4:51				SW2	30															
Additional Instructions: B# 21327508																				
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.										Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.										
Relinquished by: (Signature) <u>Karine Hanne</u> Date <u>4/19/24</u> Time <u>12:16</u>										Received by: (Signature) <u>Michelle Gonzales</u> Date <u>4/19/24</u> Time <u>12:16</u>										
Relinquished by: (Signature) <u>Michelle Gonzales</u> Date <u>4-19-24</u> Time <u>1700</u>										Received by: (Signature) <u>G.L.</u> Date <u>4.19.24</u> Time <u>1800</u>										
Relinquished by: (Signature) <u>G.L.</u> Date <u>4.19.24</u> Time <u>2400</u>										Received by: (Signature) <u>[Signature]</u> Date <u>4/20/24</u> Time <u>0830</u>										
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other										Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA										
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																				

Project Information

Chain of Custody

Page 6 of 6

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

Bill To
 Attention: Devon
 Address: _____
 City, State, Zip: _____
 Phone: _____
 Email: _____
 Pima Project # 1-353-3

Lab Use Only								TAT				EPA Program		
Lab Work				Job Number				1D	2D	3D	Standard	CWA	SDWA	
F				01058-0007							X			
Analysis and Method								RCRA						
DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX	State				
										NM	CO	UT	AZ	TX
										X				
Remarks														

Additional Instructions:

B# 21327508

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

Sampled by:

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Karime Adame	4/19/24	12:16	Michelle Gonzales	4-19-24	12:16
Michelle Gonzales	4-19-24	1700	C.A.H.	4.19.24	1800
C.A.H.	4.19.24	2400	Michelle	4/22/24	0830

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.

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.



Envirotech Analytical Laboratory

Printed: 4/22/2024 1:05:43PM

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:	04/22/24 08:30	Work Order ID:	E404215
Phone:	(575) 631-6977	Date Logged In:	04/19/24 16:24	Logged In By:	Alexa Michaels
Email:	gio@pimaoil.com	Due Date:	04/26/24 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

No. of containers and Sampled by not documented on COC by client. Project Fighting Okra 18 CTB 4 has been separated into multiple reports due to high sample volumes. WO are as follows: E404214/E404215.

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

Date



envirotech Inc.

Report to:
Gio Gomez



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Fighting Okra 18 CTB 4

Work Order: E407167

Job Number: 01058-0007

Received: 7/23/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/23/24

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 7/23/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247



Project Name: Fighting Okra 18 CTB 4
Workorder: E407167
Date Received: 7/23/2024 5:00:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/23/2024 5:00:00AM, 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 regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

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

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

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

Michelle Gonzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzaless@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
CS1	6
CS2	7
CS3	8
CS4	9
CS5	10
CS6	11
CS7	12
CS8	13
CS9	14
CSW1	15
CSW2	16
CSW3	17
CSW4	18
CSW5	19
CSW6	20
CSW7	21
CSW8	22
CSW9	23
QC Summary Data	24
QC - Volatile Organic Compounds by EPA8260B	24

Table of Contents (continued)

QC - Nonhalogenated Organics by EPA 8015D - GRO	25
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	26
QC - Anions by EPA 300.0/9056A	27
Definitions and Notes	28
Chain of Custody etc.	29

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 16:26

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS1	E407167-01A	Soil	07/19/24	07/23/24	Glass Jar, 2 oz.
CS2	E407167-02A	Soil	07/19/24	07/23/24	Glass Jar, 2 oz.
CS3	E407167-03A	Soil	07/19/24	07/23/24	Glass Jar, 2 oz.
CS4	E407167-04A	Soil	07/19/24	07/23/24	Glass Jar, 2 oz.
CS5	E407167-05A	Soil	07/19/24	07/23/24	Glass Jar, 2 oz.
CS6	E407167-06A	Soil	07/19/24	07/23/24	Glass Jar, 2 oz.
CS7	E407167-07A	Soil	07/19/24	07/23/24	Glass Jar, 2 oz.
CS8	E407167-08A	Soil	07/19/24	07/23/24	Glass Jar, 2 oz.
CS9	E407167-09A	Soil	07/19/24	07/23/24	Glass Jar, 2 oz.
CSW1	E407167-10A	Soil	07/19/24	07/23/24	Glass Jar, 2 oz.
CSW2	E407167-11A	Soil	07/19/24	07/23/24	Glass Jar, 2 oz.
CSW3	E407167-12A	Soil	07/19/24	07/23/24	Glass Jar, 2 oz.
CSW4	E407167-13A	Soil	07/19/24	07/23/24	Glass Jar, 2 oz.
CSW5	E407167-14A	Soil	07/19/24	07/23/24	Glass Jar, 2 oz.
CSW6	E407167-15A	Soil	07/19/24	07/23/24	Glass Jar, 2 oz.
CSW7	E407167-16A	Soil	07/19/24	07/23/24	Glass Jar, 2 oz.
CSW8	E407167-17A	Soil	07/19/24	07/23/24	Glass Jar, 2 oz.
CSW9	E407167-18A	Soil	07/19/24	07/23/24	Glass Jar, 2 oz.



Sample Data

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

Project Name: Fighting Okra 18 CTB 4
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
7/23/2024 4:26:06PM

CS1

E407167-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2430035
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		100 %	70-130	07/23/24	07/23/24	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130	07/23/24	07/23/24	
Surrogate: Toluene-d8		95.8 %	70-130	07/23/24	07/23/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2430035
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/24	07/23/24	
Surrogate: Bromofluorobenzene		100 %	70-130	07/23/24	07/23/24	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130	07/23/24	07/23/24	
Surrogate: Toluene-d8		95.8 %	70-130	07/23/24	07/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2430023
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: JM		Batch: 2430021
Chloride	2480	20.0	1	07/23/24	07/23/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	Reported: 7/23/2024 4:26:06PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS2
E407167-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2430035
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	98.8 %	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	97.0 %	70-130		07/23/24	07/23/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2430035
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/24	07/23/24	
Surrogate: Bromofluorobenzene	98.8 %	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	97.0 %	70-130		07/23/24	07/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2430023
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: JM		Batch: 2430021
Chloride	3140	20.0	1	07/23/24	07/23/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	Reported: 7/23/2024 4:26:06PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS3

E407167-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2430035	
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		100 %	70-130	07/23/24	07/23/24	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130	07/23/24	07/23/24	
Surrogate: Toluene-d8		98.6 %	70-130	07/23/24	07/23/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2430035	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/24	07/23/24	
Surrogate: Bromofluorobenzene		100 %	70-130	07/23/24	07/23/24	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130	07/23/24	07/23/24	
Surrogate: Toluene-d8		98.6 %	70-130	07/23/24	07/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2430023	
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		120 %	50-200	07/23/24	07/23/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2430021	
Chloride	1280	20.0	1	07/23/24	07/23/24	



Sample Data

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

Project Name: Fighting Okra 18 CTB 4
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
7/23/2024 4:26:06PM

CS4

E407167-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2430035
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		98.2 %	70-130	07/23/24	07/23/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2430035
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		98.2 %	70-130	07/23/24	07/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2430023
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: JM		Batch: 2430021
Chloride	1120	20.0	1	07/23/24	07/23/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	Reported: 7/23/2024 4:26:06PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS5
E407167-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2430035	
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	100 %	70-130		07/23/24	07/23/24	
Surrogate: 1,2-Dichloroethane-d4	96.9 %	70-130		07/23/24	07/23/24	
Surrogate: Toluene-d8	95.4 %	70-130		07/23/24	07/23/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2430035	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/24	07/23/24	
Surrogate: Bromofluorobenzene	100 %	70-130		07/23/24	07/23/24	
Surrogate: 1,2-Dichloroethane-d4	96.9 %	70-130		07/23/24	07/23/24	
Surrogate: Toluene-d8	95.4 %	70-130		07/23/24	07/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2430023	
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: JM		Batch: 2430021	
Chloride	1090	20.0	1	07/23/24	07/23/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	Reported: 7/23/2024 4:26:06PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS6

E407167-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2430035	
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		98.2 %	70-130	07/23/24	07/23/24	
Surrogate: Toluene-d8		97.2 %	70-130	07/23/24	07/23/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2430035	
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		98.2 %	70-130	07/23/24	07/23/24	
Surrogate: Toluene-d8		97.2 %	70-130	07/23/24	07/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2430023	
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: JM		Batch: 2430021	
Chloride	845	20.0	1	07/23/24	07/23/24	



Sample Data

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

Project Name: Fighting Okra 18 CTB 4
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
7/23/2024 4:26:06PM

CS7

E407167-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2430035
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		100 %	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		99.2 %	70-130	07/23/24	07/23/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2430035
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/24	07/23/24	
Surrogate: Bromofluorobenzene		100 %	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		99.2 %	70-130	07/23/24	07/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2430023
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: JM		Batch: 2430021
Chloride	46.4	20.0	1	07/23/24	07/23/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	Reported: 7/23/2024 4:26:06PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS8
E407167-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2430035
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		100 %	70-130	07/23/24	07/23/24	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130	07/23/24	07/23/24	
Surrogate: Toluene-d8		96.4 %	70-130	07/23/24	07/23/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2430035
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/24	07/23/24	
Surrogate: Bromofluorobenzene		100 %	70-130	07/23/24	07/23/24	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130	07/23/24	07/23/24	
Surrogate: Toluene-d8		96.4 %	70-130	07/23/24	07/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2430023
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: JM		Batch: 2430021
Chloride	143	20.0	1	07/23/24	07/23/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	Reported: 7/23/2024 4:26:06PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS9

E407167-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2430035	
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	97.0 %	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	107 %	70-130		07/23/24	07/23/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2430035	
Gasoline Range Organics (C6-C10)	27	20.0	1	07/23/24	07/23/24	
Surrogate: Bromofluorobenzene	97.0 %	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	107 %	70-130		07/23/24	07/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2430023	
Diesel Range Organics (C10-C28)	41	25.0	1	07/23/24	07/23/24	
Oil Range Organics (C28-C36)	27	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: JM		Batch: 2430021	
Chloride	955	20.0	1	07/23/24	07/23/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	Reported: 7/23/2024 4:26:06PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CSW1

E407167-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA		Batch: 2430035	
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	99.5 %	70-130		07/23/24	07/23/24	
Surrogate: 1,2-Dichloroethane-d4	98.3 %	70-130		07/23/24	07/23/24	
Surrogate: Toluene-d8	105 %	70-130		07/23/24	07/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2430035	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/24	07/23/24	
Surrogate: Bromofluorobenzene	99.5 %	70-130		07/23/24	07/23/24	
Surrogate: 1,2-Dichloroethane-d4	98.3 %	70-130		07/23/24	07/23/24	
Surrogate: Toluene-d8	105 %	70-130		07/23/24	07/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2430023	
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: JM		Batch: 2430021	
Chloride	ND	20.0	1	07/23/24	07/23/24	



Sample Data

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

Project Name: Fighting Okra 18 CTB 4
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
7/23/2024 4:26:06PM

CSW2

E407167-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2430035
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	98.8 %	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	105 %	70-130		07/23/24	07/23/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2430035
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/24	07/23/24	
Surrogate: Bromofluorobenzene	98.8 %	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	105 %	70-130		07/23/24	07/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2430023
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: JM		Batch: 2430021
Chloride	ND	20.0	1	07/23/24	07/23/24	



Sample Data

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

Project Name: Fighting Okra 18 CTB 4
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
7/23/2024 4:26:06PM

CSW3

E407167-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2430035
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	97.5 %	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	105 %	70-130		07/23/24	07/23/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2430035
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/24	07/23/24	
Surrogate: Bromofluorobenzene	97.5 %	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	105 %	70-130		07/23/24	07/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2430023
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: JM		Batch: 2430021
Chloride	ND	20.0	1	07/23/24	07/23/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	Reported: 7/23/2024 4:26:06PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CSW4

E407167-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA		Batch: 2430035	
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	98.6 %	70-130		07/23/24	07/23/24	
Surrogate: 1,2-Dichloroethane-d4	98.7 %	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: 2430035	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/24	07/23/24	
Surrogate: Bromofluorobenzene	98.6 %	70-130		07/23/24	07/23/24	
Surrogate: 1,2-Dichloroethane-d4	98.7 %	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: 2430023	
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: JM		Batch: 2430021	
Chloride	ND	20.0	1	07/23/24	07/23/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	Reported: 7/23/2024 4:26:06PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CSW5

E407167-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2430035
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	98.0 %	70-130		07/23/24	07/23/24	
Surrogate: 1,2-Dichloroethane-d4	98.5 %	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: 2430035
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/24	07/23/24	
Surrogate: Bromofluorobenzene	98.0 %	70-130		07/23/24	07/23/24	
Surrogate: 1,2-Dichloroethane-d4	98.5 %	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: 2430023
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	120 %	50-200		07/23/24	07/23/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2430021
Chloride	ND	20.0	1	07/23/24	07/23/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	Reported: 7/23/2024 4:26:06PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CSW6

E407167-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2430035
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	97.5 %	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	107 %	70-130		07/23/24	07/23/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2430035
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/24	07/23/24	
Surrogate: Bromofluorobenzene	97.5 %	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	107 %	70-130		07/23/24	07/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2430023
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: JM		Batch: 2430021
Chloride	ND	20.0	1	07/23/24	07/23/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	Reported: 7/23/2024 4:26:06PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CSW7

E407167-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2430035
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	98.4 %	70-130		07/23/24	07/23/24	
Surrogate: 1,2-Dichloroethane-d4	99.7 %	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: 2430035
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/24	07/23/24	
Surrogate: Bromofluorobenzene	98.4 %	70-130		07/23/24	07/23/24	
Surrogate: 1,2-Dichloroethane-d4	99.7 %	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: 2430023
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	123 %	50-200		07/23/24	07/23/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2430021
Chloride	ND	20.0	1	07/23/24	07/23/24	



Sample Data

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

Project Name: Fighting Okra 18 CTB 4
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
7/23/2024 4:26:06PM

CSW8

E407167-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2430035
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		100 %	70-130	07/23/24	07/23/24	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	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: 2430035
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/24	07/23/24	
Surrogate: Bromofluorobenzene		100 %	70-130	07/23/24	07/23/24	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	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: 2430023
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: JM		Batch: 2430021
Chloride	ND	20.0	1	07/23/24	07/23/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 4	Reported: 7/23/2024 4:26:06PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CSW9

E407167-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2430035
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	99.8 %	70-130		07/23/24	07/23/24	
Surrogate: 1,2-Dichloroethane-d4	99.4 %	70-130		07/23/24	07/23/24	
Surrogate: Toluene-d8	105 %	70-130		07/23/24	07/23/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2430035
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/24	07/23/24	
Surrogate: Bromofluorobenzene	99.8 %	70-130		07/23/24	07/23/24	
Surrogate: 1,2-Dichloroethane-d4	99.4 %	70-130		07/23/24	07/23/24	
Surrogate: Toluene-d8	105 %	70-130		07/23/24	07/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2430023
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	123 %	50-200		07/23/24	07/23/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2430021
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: 7/23/2024 4:26:06PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Volatile Organic Compounds by EPA 8260B

Analyst: BA

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

Blank (2430035-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	0.494		0.500		98.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.481		0.500		96.1	70-130			
Surrogate: Toluene-d8	0.483		0.500		96.6	70-130			

LCS (2430035-BS1) Prepared: 07/22/24 Analyzed: 07/22/24

Benzene	2.36	0.0250	2.50		94.2	70-130			
Ethylbenzene	2.36	0.0250	2.50		94.5	70-130			
Toluene	2.23	0.0250	2.50		89.2	70-130			
o-Xylene	2.32	0.0250	2.50		93.0	70-130			
p,m-Xylene	4.69	0.0500	5.00		93.7	70-130			
Total Xylenes	7.01	0.0250	7.50		93.5	70-130			
Surrogate: Bromofluorobenzene	0.502		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.469		0.500		93.8	70-130			
Surrogate: Toluene-d8	0.489		0.500		97.8	70-130			

LCS Dup (2430035-BSD1) Prepared: 07/22/24 Analyzed: 07/22/24

Benzene	2.40	0.0250	2.50		95.8	70-130	1.66	23	
Ethylbenzene	2.41	0.0250	2.50		96.3	70-130	1.89	27	
Toluene	2.26	0.0250	2.50		90.3	70-130	1.14	24	
o-Xylene	2.40	0.0250	2.50		96.1	70-130	3.30	27	
p,m-Xylene	4.78	0.0500	5.00		95.6	70-130	1.92	27	
Total Xylenes	7.18	0.0250	7.50		95.7	70-130	2.38	27	
Surrogate: Bromofluorobenzene	0.505		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.3	70-130			
Surrogate: Toluene-d8	0.480		0.500		96.0	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 4:26:06PM

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 (2430035-BLK1) Prepared: 07/22/24 Analyzed: 07/22/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.494		0.500		98.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.481		0.500		96.1	70-130			
Surrogate: Toluene-d8	0.483		0.500		96.6	70-130			

LCS (2430035-BS2) Prepared: 07/22/24 Analyzed: 07/22/24

Gasoline Range Organics (C6-C10)	44.6	20.0	50.0		89.2	70-130			
Surrogate: Bromofluorobenzene	0.509		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.479		0.500		95.7	70-130			
Surrogate: Toluene-d8	0.498		0.500		99.5	70-130			

LCS Dup (2430035-BSD2) Prepared: 07/22/24 Analyzed: 07/22/24

Gasoline Range Organics (C6-C10)	45.2	20.0	50.0		90.3	70-130	1.24	20	
Surrogate: Bromofluorobenzene	0.502		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.477		0.500		95.4	70-130			
Surrogate: Toluene-d8	0.497		0.500		99.4	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:	Gio Gomez	7/23/2024 4:26:06PM

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 (2430023-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	56.9		50.0		114	50-200			

LCS (2430023-BS1) Prepared: 07/22/24 Analyzed: 07/23/24

Diesel Range Organics (C10-C28)	260	25.0	250		104	38-132			
Surrogate: n-Nonane	57.2		50.0		114	50-200			

LCS Dup (2430023-BSD1) Prepared: 07/22/24 Analyzed: 07/23/24

Diesel Range Organics (C10-C28)	263	25.0	250		105	38-132	0.915	20	
Surrogate: n-Nonane	57.0		50.0		114	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 4:26:06PM

Anions by EPA 300.0/9056A

Analyst: JM

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

Blank (2430021-BLK1)					Prepared: 07/22/24 Analyzed: 07/22/24				
Chloride	ND	20.0							
LCS (2430021-BS1)					Prepared: 07/22/24 Analyzed: 07/22/24				
Chloride	253	20.0	250		101	90-110			
LCS Dup (2430021-BSD1)					Prepared: 07/22/24 Analyzed: 07/22/24				
Chloride	253	20.0	250		101	90-110	0.0983	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 16:26

- 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		Lab Use Only				TAT				EPA Program	
Project: <u>Fighting OKra 18CTB4</u>					Attention: <u>Devon</u>		Lab WO# <u>E407167</u>		Job Number <u>01058-0007</u>		1D	2D	3D	Standard	CWA	SDWA
Project Manager: <u>Gio Gomez</u>					Address:		Analysis and Method								RCRA	
Address: <u>5614 N. Lovington Hwy.</u>					City, State, Zip											
City, State, Zip <u>Hobbs, NM, 88240</u>					Phone:											
Phone: <u>806-782-1151</u>					Email:											
Email: <u>gio@pimaoil.com</u>					Pima Project # <u>353-3</u>											
Report due by:																
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks		
11:30	7/1/9	S		CS1	1							X				
11:34				CS2	2											
11:42				CS3	3											
11:53				CS4	4											
11:59				CS5	5											
12:06				CS6	6											
12:17				CS7	7											
12:23				CS8	8											
12:43				CS9	9											
12:56				CSW1	10											
Additional Instructions: <u>Billing # 21327508</u>																
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.											Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.					
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only								
<u>Karime Hame</u>		<u>7/22/24</u>	<u>1:50</u>	<u>Michelle Gonzales</u>		<u>7-22-24</u>	<u>1:50</u>	Received on ice: <u>Y</u> / N								
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 _____ T2 _____ T3 _____								
<u>Michelle Gonzales</u>		<u>7-22-24</u>	<u>1:20</u>	<u>C.M.</u>		<u>7-22-24</u>	<u>1:30</u>									
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	AVG Temp °C <u>4</u>								
<u>C.M.</u>		<u>7-22-24</u>	<u>2345</u>	<u>Kayla R Heeler</u>		<u>7-23-24</u>	<u>0500</u>									
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other											Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA					
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																

Project Information

Chain of Custody

Page 2 of 2

Client: Pima Environmental Services					Bill To		Lab Use Only		TAT				EPA Program			
Project: <u>Fighting 8/18 CTB 4</u>					Attention: <u>Devon</u>		Lab WO# <u>E407167</u>		Job Number <u>01058-0007</u>		1D	2D	3D	Standard	CWA	SDWA
Project Manager: <u>Gio Gomez</u>					Address:						<input checked="" type="checkbox"/>					
Address: <u>5614 N. Lovington Hwy.</u>					City, State, Zip										RCRA	
City, State, Zip <u>Hobbs, NM, 88240</u>					Phone:											
Phone: <u>806-782-1151</u>					Email:											
Email: <u>gio@pimaoil.com</u>					Pima Project # <u>393-3</u>											
Report due by:																
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC NM	BGDOC TX	Remarks	
1:00	7/19	S		CSW2	11								<input checked="" type="checkbox"/>			
1:09				CSW3	12											
1:11				CSW4	13											
1:17				CSW5	14											
1:23				CSW6	15											
1:29				CSW7	16											
1:31				CSW8	17											
1:37				CSW9	18											
Additional Instructions: <u>Billing # 21327508</u>																
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.										Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.						
Relinquished by: (Signature) <u>Karime Adams</u>										Received by: (Signature) <u>Michelle Gonzales</u>						
Date <u>7-22-24</u> Time <u>1:50</u>										Date <u>7-22-24</u> Time <u>1:50</u>						
Relinquished by: (Signature) <u>Michelle Gonzales</u>										Received by: (Signature) <u>A. M.</u>						
Date <u>7-22-24</u> Time <u>1:20</u>										Date <u>7-22-24</u> Time <u>1:30</u>						
Relinquished by: (Signature) <u>A. M.</u>										Received by: (Signature) <u>Kyphya A. Healy</u>						
Date <u>7-22-24</u> Time <u>2:45</u>										Date <u>7-23-24</u> Time <u>0500</u>						
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other										Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA						
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																

Envirotech Analytical Laboratory

Printed: 7/23/2024 10:12:04AM

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 05:00	Work Order ID:	E407167
Phone:	(575) 631-6977	Date Logged In:	07/22/24 15:49	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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

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

Carrier: CourierSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client InstructionComments/Resolution

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

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

Date



envirotech Inc.

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

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

QUESTIONS

Action 372866

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 372866
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2410747253
Incident Name	NAPP2410747253 FIGHTING OKRA 18 CTB 4 @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP2123136022] FIGHTING OKRA 18 CTB 4

Location of Release Source	
Please answer all the questions in this group.	
Site Name	FIGHTING OKRA 18 CTB 4
Date Release Discovered	04/16/2024
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: Equipment Failure Separator Produced Water Released: 21 BBL Recovered: 10 BBL Lost: 11 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)	Pinhole leak coming off the water side piping on the 3 phase separators at the water dump. Well was shut in and the leak was isolated via valves. 21.2 bbls spilled onto pad. 10 bbls recovered.

District I

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

District II

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

District III

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

District IV

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

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

QUESTIONS, Page 2

Action 372866

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	372866
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

Initial Response

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

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

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

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

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

District I

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

District II

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

District III

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

District IV

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

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

QUESTIONS, Page 3

Action 372866

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 372866
	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)	11100
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	10239
GRO+DRO (EPA SW-846 Method 8015M)	2390
BTEX (EPA SW-846 Method 8021B or 8260B)	2.9
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	1925
What is the estimated volume (in cubic yards) that will be reclaimed	36
What is the estimated surface area (in square feet) that will be remediated	1925
What is the estimated volume (in cubic yards) that will be remediated	36

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.

District I

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

District II

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

District III

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

District IV

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

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

QUESTIONS, Page 4

Action 372866

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	372866
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(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	NORTH RANCH SURFACE WASTE MANAGEMENT FACILITY [fBAJ2129451934]
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.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dvn.com Date: 08/12/2024
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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

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

QUESTIONS, Page 5

Action 372866

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 372866
	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

District I

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

District II

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

District III

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

District IV

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

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

QUESTIONS, Page 6

Action 372866

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:
	6137
	Action Number:
	372866
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	364860
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	18
What was the sampling surface area in square feet	1925

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	1925
What was the total volume (cubic yards) remediated	36
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	1925
What was the total volume (in cubic yards) reclaimed	36
Summarize any additional remediation activities not included by answers (above)	see report

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

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

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

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

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

QUESTIONS, Page 7

Action 372866

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 372866
	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

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

CONDITIONS

Action 372866

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 372866
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Remediation has met 19.15.29 NMAC requirements. Soil impacts exceeding the reclamation standards have been left in place and are required to meet 19.15.29.13D (1) NMAC once the site is no longer reasonably needed for production or subsequent drilling ops.	9/11/2024