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## REMEDIATION CLOSURE REPORT

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Incident ID NAPP2100645694

**FIGHTING OKRA 18-19 FED 84H**

API: 30-025-44173

Prepared By:  
Pima Environmental Services, LLC

Prepared For:  
Devon Energy Production, LP

December 4, 2024  
Pima Environmental Services, LLC  
5614 N Lovington Hwy, Hobbs, NM 88240

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

December 4, 2024

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

**Re: Site Assessment and Closure Report**  
**Fighting Okra 18-19 Fed 84H**  
**API No. 30-025-44173**  
**GPS: Latitude 32.0492528 Longitude -103.5037508**  
**UL - A, Section 18, T26S, R34E**  
**Lea County, NM**  
**NMOCD Ref. No. NAPP2100645694**

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 crude oil and produced water release that occurred at the Fighting Okra 18-19 Fed 84H (Fighting Okra). The incident was assigned incident ID:NAPP2100645694, by the New Mexico Oil Conservation Division (NMOCD).

### Site Characterization

The Fighting Okra is located approximately seventeen (17) miles southwest of Bennett, NM. This spill site is in Unit A, Section 18, Township 26S, Range 34E, Latitude 32.0492528 Longitude -103.5037508, Lea County, NM. Figure 1 references a Location Map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is made up Interlayered eolian sands and piedmont-slope deposits along the eastern flank of the Pecos River valley, primarily between Roswell and Carlsbad. Typically capped by thin eolian deposits. The soil in this area is made up of Pyote and Maljamar fine sands association, 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-POD1), the depth to the nearest groundwater in this vicinity measures 55 feet below grade surface (BGS), positioned 0.40 of a mile away from the Fighting Okra. Drilled on June 9, 2022. Conversely, as per the United States Geological Survey well water data (USGS320245103335901 26S.33E.10.334343), the nearest groundwater depth in this region is recorded at 124 feet BGS, situated approximately 3.68 of a mile away from the Fighting Okra, with the last gauge conducted in 2000. For detailed references to water surveys and the precise locations of water wells, please refer to Appendix A, inclusive of the relevant maps.

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-POD1)	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

### Release Information

**NAPP2100645694:** On December 16, 2020, release was due to a flowline. Once release was discovered, well was shut in and line was isolated. The released fluids were calculated to be approximately 5 barrels (bbls) of crude oil and 90 barrels of produced water. A vacuum truck was called and was able to recover 90 bbls of standing fluid.

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

On October 8, 2024, Pima mobilized personnel to the site to collect soil samples from the spill area. A hand auger was used to collect the samples from the affected area. The laboratory results of these sampling events are provided in the following data table. A Site Map is available in Figure 4.

10-8-2024 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
Devon Energy Fighting Okra 18-19 Fed 84H-NAPP2100645694								
Date: 10-8-24			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	62.2
	2'	ND	ND	ND	ND	ND	0	33.2
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S2	1'	ND	ND	ND	ND	ND	0	63.3
	2'	ND	ND	ND	ND	ND	0	27.6
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S3	1'	ND	ND	ND	ND	ND	0	75
	2'	ND	ND	ND	ND	ND	0	28.2
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S4	1'	ND	ND	ND	ND	ND	0	79.2
	2'	ND	ND	ND	ND	ND	0	27.9
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S5	1'	ND	ND	ND	ND	ND	0	81.8
	2'	ND	ND	ND	ND	ND	0	27.3
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S6	1'	ND	ND	ND	ND	ND	0	90.8
	2'	ND	ND	ND	ND	ND	0	31.5
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S7	1'	ND	ND	ND	ND	ND	0	41.4
	2'	ND	ND	ND	ND	ND	0	28.2
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S8	1'	ND	ND	ND	ND	ND	0	40.7
	2'	ND	ND	ND	ND	ND	0	29.9
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND

ND/0- Analyte Not Detected

Pima Environmental Services

5614 N Lovington Hwy

Hobbs, NM 88240

575-964-7740

NMOC Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
Devon Energy Fighting Okra 18-19 Fed 84H-NAPP2100645694								
Date: 10-8-24		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
S9	1'	ND	ND	ND	ND	ND	0	40.1
	2'	ND	ND	ND	ND	ND	0	28.6
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S10	1'	ND	ND	ND	ND	ND	0	37
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S11	1'	ND	ND	ND	ND	ND	0	38.9
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S12	1'	ND	ND	ND	ND	ND	0	40.3
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S13	1'	ND	ND	ND	ND	ND	0	40.4
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S14	1'	ND	ND	ND	ND	ND	0	33.8
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S15	1'	ND	ND	ND	ND	ND	0	40.2
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S-16	1'	ND	ND	ND	ND	ND	0	89.7
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S-17	1'	ND	ND	ND	ND	ND	0	74.4
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S-18	1'	ND	ND	ND	ND	ND	0	39.1
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S-19	1'	ND	ND	ND	ND	ND	0	63.4
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S-20	1'	ND	ND	ND	ND	ND	0	70
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
SW1	4'	ND	ND	ND	ND	ND	0	ND
SW2	4'	ND	ND	ND	ND	ND	0	ND
SW3	4'	ND	ND	ND	ND	ND	0	ND
SW4	4'	ND	ND	ND	ND	ND	0	ND
SW5	4'	ND	ND	ND	ND	ND	0	ND
SW6	4'	ND	ND	ND	ND	ND	0	ND
SW7	4'	ND	ND	ND	ND	ND	0	ND
SW8	4'	ND	ND	ND	ND	ND	0	ND
SW9	4'	ND	ND	ND	ND	ND	0	ND
SW10	4'	ND	ND	ND	ND	ND	0	ND
SW11	4'	ND	ND	ND	ND	ND	0	ND
SW12	4'	ND	ND	ND	ND	ND	0	ND
SW13	4'	ND	ND	ND	ND	ND	0	ND
SW14	4'	ND	ND	ND	ND	ND	0	ND
SW15	4'	ND	ND	ND	ND	ND	0	ND
SW16	4'	ND	ND	ND	ND	ND	0	ND
SW17	4'	ND	ND	ND	ND	ND	0	ND
SW18	4'	ND	ND	ND	ND	ND	0	ND
SW19	4'	ND	ND	ND	ND	ND	0	ND
SW20	4'	ND	ND	ND	ND	ND	0	ND
BG1	1'	ND	ND	ND	ND	ND	0	ND

ND/0- Analyte Not Detected

FIGHTING OKRA 18-19 FED 84H | Devon Energy



Pima Environmental Services

5614 N Lovington Hwy

Hobbs, NM 88240

575-964-7740

On November 29, 2024, after sending a 48-hour notification (application ID: 404295, Appendix C), Pima returned to the site to collect confirmation samples from the designated assessment area, including perimeter samples. The composite samples were collected from the surface down to a depth of 4 feet using a hand auger. The results of this sampling event are summarized in the table below, and the Confirmation Sample Map is included in Figure 5.

## 11-29-24 Confirmation Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
DEVON ENERGY Fighting Okra 18-19 Fed 84H-NAPP2100645694								
Date: 11-29-24		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	Surface -4'	ND	ND	ND	ND	ND	ND	ND
CS2	Surface -4'	ND	ND	ND	ND	ND	ND	ND
CS3	Surface -4'	ND	ND	ND	ND	ND	ND	ND
CS4	Surface -4'	ND	ND	ND	ND	ND	ND	ND
CS5	Surface -4'	ND	ND	ND	ND	ND	ND	ND
CS6	Surface -4'	ND	ND	ND	ND	ND	ND	ND
CS7	Surface -4'	ND	ND	ND	ND	ND	ND	ND
CS8	Surface -4'	ND	ND	ND	ND	ND	ND	ND
CS9	Surface -4'	ND	ND	ND	ND	ND	ND	ND
CS10	Surface -4'	ND	ND	ND	ND	ND	ND	ND
CS11	Surface -4'	ND	ND	ND	ND	ND	ND	ND
CS12	Surface -4'	ND	ND	ND	ND	ND	ND	ND
CS13	Surface -4'	ND	ND	ND	ND	ND	ND	23
CS14	Surface -4'	ND	ND	ND	ND	ND	ND	30.3
CS15	Surface -4'	ND	ND	ND	ND	ND	ND	22.5
CS16	Surface -4'	ND	ND	ND	ND	ND	ND	22.6
CS17	Surface -4'	ND	ND	ND	ND	ND	ND	60.7
CS18	Surface -4'	ND	ND	ND	ND	ND	ND	23.1
CS19	Surface -4'	ND	ND	ND	ND	ND	ND	96.5
CS20	Surface -4'	ND	ND	ND	ND	ND	ND	96.9
CS21	Surface -4'	ND	ND	ND	ND	ND	ND	96.4
CS22	Surface -4'	ND	ND	ND	ND	ND	ND	103
CS23	Surface -4'	ND	ND	ND	ND	ND	ND	98.1
CS24	Surface -4'	ND	ND	ND	ND	ND	ND	98
CS25	Surface -4'	ND	ND	ND	ND	ND	ND	112
CS26	Surface -4'	ND	ND	ND	ND	ND	ND	95.7
CS27	Surface -4'	ND	ND	ND	ND	ND	ND	87.1
CS28	Surface -4'	ND	ND	ND	ND	ND	ND	95.3
CS29	Surface -4'	ND	ND	ND	ND	ND	ND	91.6
CS30	Surface -4'	ND	ND	ND	ND	ND	ND	90.3
CS31	Surface -4'	ND	ND	ND	ND	ND	ND	23.8
CS32	Surface -4'	ND	ND	ND	ND	ND	ND	24.3
CS33	Surface -4'	ND	ND	ND	ND	ND	ND	ND
CS34	Surface -4'	ND	ND	ND	ND	ND	ND	ND
CS35	Surface -4'	ND	ND	ND	ND	ND	ND	24.5
CS36	Surface -4'	ND	ND	ND	ND	ND	ND	22.3
CS37	Surface -4'	ND	ND	ND	ND	ND	ND	27
CS38	Surface -4'	ND	ND	ND	ND	ND	ND	24.8
CS39	Surface -4'	ND	ND	ND	ND	ND	ND	27.5
CS40	Surface -4'	ND	ND	ND	ND	ND	ND	30.3
CS41	Surface -4'	ND	ND	ND	ND	ND	ND	29.9
CS42	Surface -4'	ND	ND	ND	ND	ND	ND	30.9
CS43	Surface -4'	ND	ND	ND	ND	ND	ND	29.4
CS44	Surface -4'	ND	ND	ND	ND	ND	ND	26.8
CS45	Surface -4'	ND	ND	ND	ND	ND	ND	25.8
CS46	Surface -4'	ND	ND	ND	ND	ND	ND	25.6
CS47	Surface -4'	ND	ND	ND	ND	ND	ND	23.7
CS48	Surface -4'	ND	ND	ND	ND	ND	ND	23.6
CS49	Surface -4'	ND	ND	ND	ND	ND	ND	24.5
CS50	Surface -4'	ND	ND	ND	ND	ND	ND	26.6
CSW1	Surface-4' Comp	ND	ND	ND	ND	ND	ND	ND
CSW2	Surface-4' Comp	ND	ND	ND	ND	ND	ND	ND
CSW3	Surface-4' Comp	ND	ND	ND	ND	ND	ND	ND
CSW4	Surface-4' Comp	ND	ND	ND	ND	ND	ND	ND
CSW5	Surface-4' Comp	ND	ND	ND	ND	ND	ND	ND

ND/0- Analyte Not Detected

Pima Environmental Services

5614 N Lovington Hwy

Hobbs, NM 88240

575-964-7740

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
DEVON ENERGY Fighting Okra 18-19 Fed 84H-NAPP2100645694								
Date: 11-29-24		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
CSW5	Surface-4' Comp	ND	ND	ND	ND	ND	ND	ND
CSW6	Surface-4' Comp	ND	ND	ND	ND	ND	ND	ND
CSW7	Surface-4' Comp	ND	ND	ND	ND	ND	ND	ND
CSW8	Surface-4' Comp	ND	ND	ND	ND	ND	ND	ND
CSW9	Surface-4' Comp	ND	ND	ND	ND	ND	ND	ND
CSW10	Surface-4' Comp	ND	ND	ND	ND	ND	ND	ND
CSW11	Surface-4' Comp	ND	ND	ND	ND	ND	ND	ND
CSW12	Surface-4' Comp	ND	ND	ND	ND	ND	ND	ND
CSW13	Surface-4' Comp	ND	ND	ND	ND	ND	ND	ND
CSW14	Surface-4' Comp	ND	ND	ND	ND	ND	ND	ND
CSW15	Surface-4' Comp	ND	ND	ND	ND	ND	ND	ND
CSW16	Surface-4' Comp	ND	ND	ND	ND	ND	ND	ND

ND/0- Analyte Not Detected

Complete Laboratory Reports can be found in Appendix E.

### Closure Request

After careful review, Pima requests that this incident, NAPP2100645694, be closed. Devon has complied with the applicable closure requirements set forth in rule 19.15.19.12 NMAC.

For questions or additional information, please feel free to contact:

Devon Energy – Jim Raley at 575-689-7597 or [Jim.raley@devon.com](mailto:Jim.raley@devon.com).

Pima Environmental – Gio Gomez – 806-782-1151 or [Gio@pimaoil.com](mailto:Gio@pimaoil.com).

Respectfully,



Gio Gomez

Project Manager

Pima Environmental Services, LLC

### Attachments

Figures:

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

Appendices:

- Appendix A – Referenced Water Surveys
- Appendix B – Soil Survey, 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

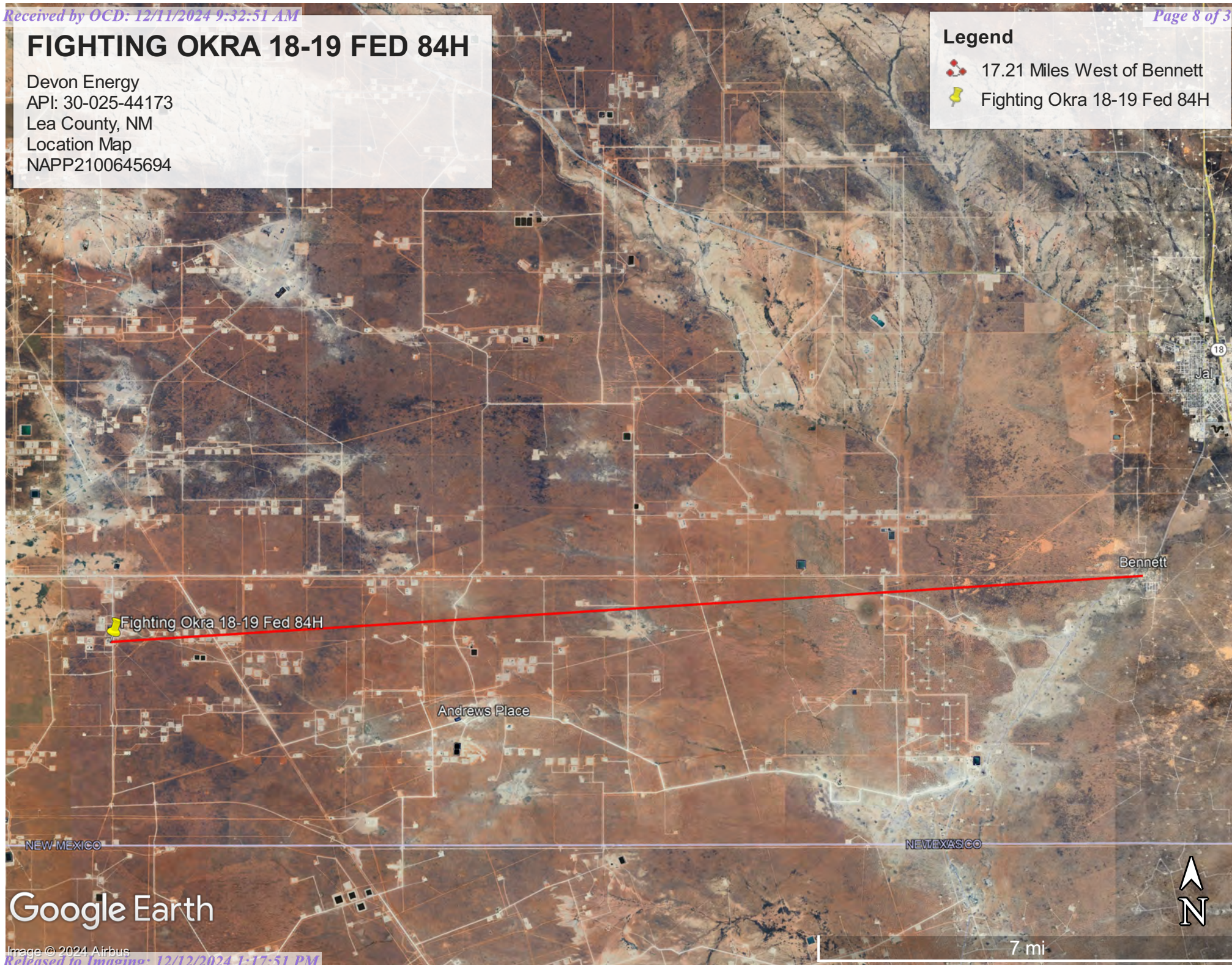


# FIGHTING OKRA 18-19 FED 84H

Devon Energy  
API: 30-025-44173  
Lea County, NM  
Location Map  
NAPP2100645694

## Legend

-  17.21 Miles West of Bennett
-  Fighting Okra 18-19 Fed 84H



Google Earth


Image © 2024 Airbus

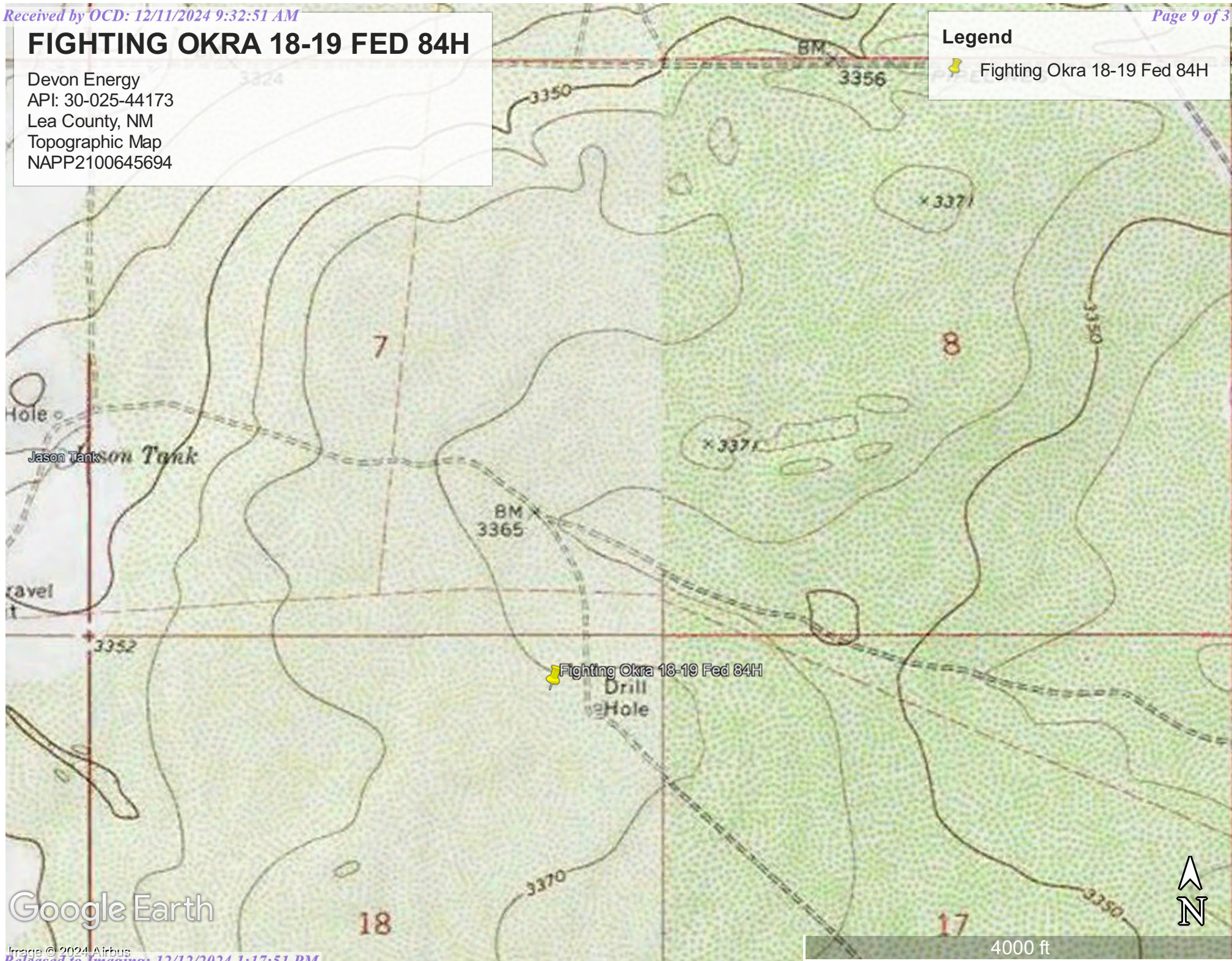


# FIGHTING OKRA 18-19 FED 84H

Devon Energy  
API: 30-025-44173  
Lea County, NM  
Topographic Map  
NAPP2100645694

## Legend

 Fighting Okra 18-19 Fed 84H







Google Earth

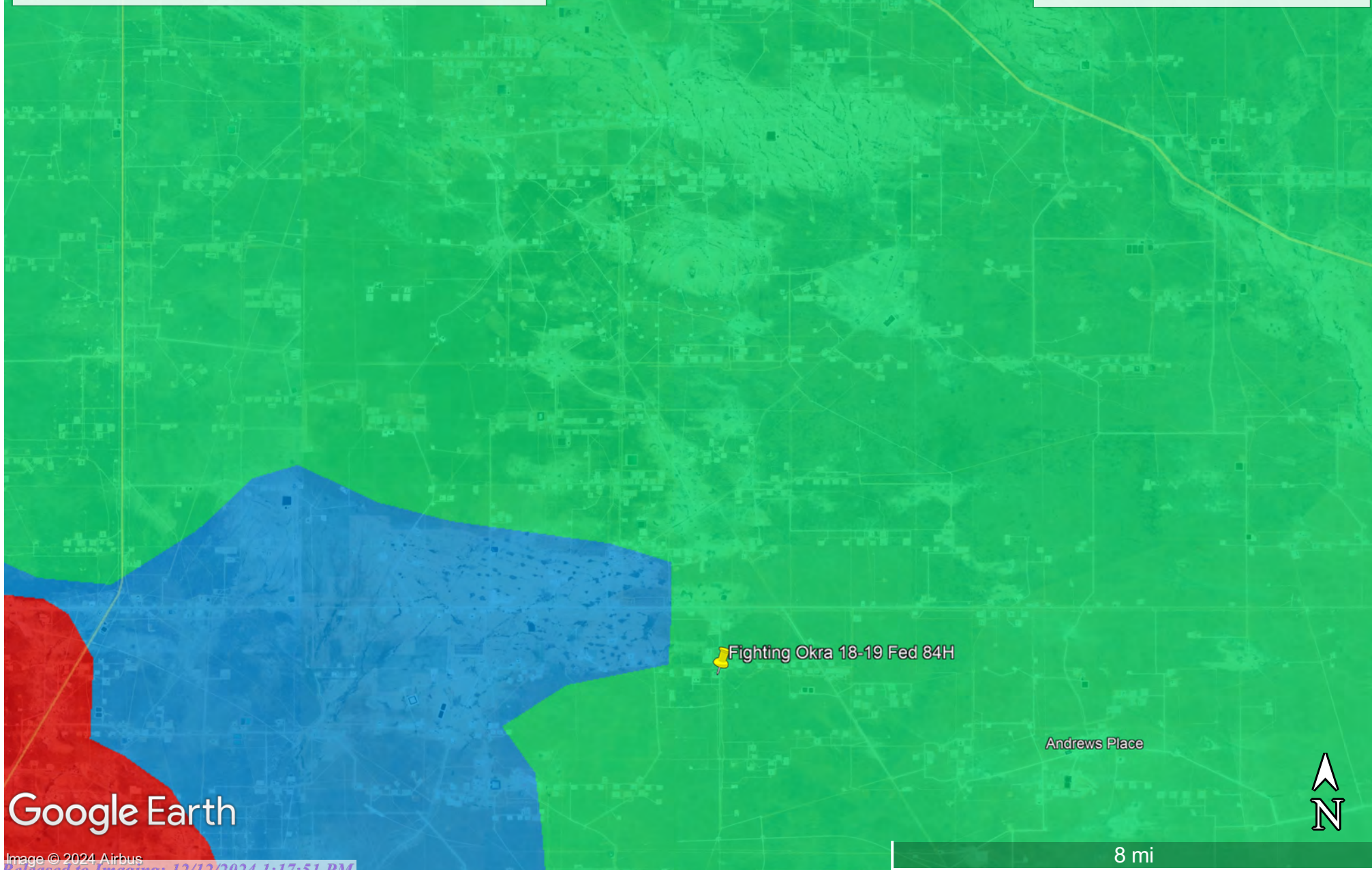


# FIGHTING OKRA 18-19 FED 84H

Devon Energy  
API: 30-025-44173  
Lea County, NM  
Karst Map  
NAPP2100645694

## Legend

-  Fighting Okra 18-19 Fed 84H
-  High Karst
-  Low Karst
-  Medium Karst







Google Earth



# Fighting Okra 18 19 Federal 84H

Devon Energy  
API: 30-025-44173  
Lea County, NM  
Site Map  
NAPP2100645694

## Legend

-  10,135 Sqft Fighting Okra 84H
-  Sidewall/Background Points
-  Fighting Okra 18-19 Federal
-  84H Sample Points



Google Earth



100 ft



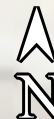
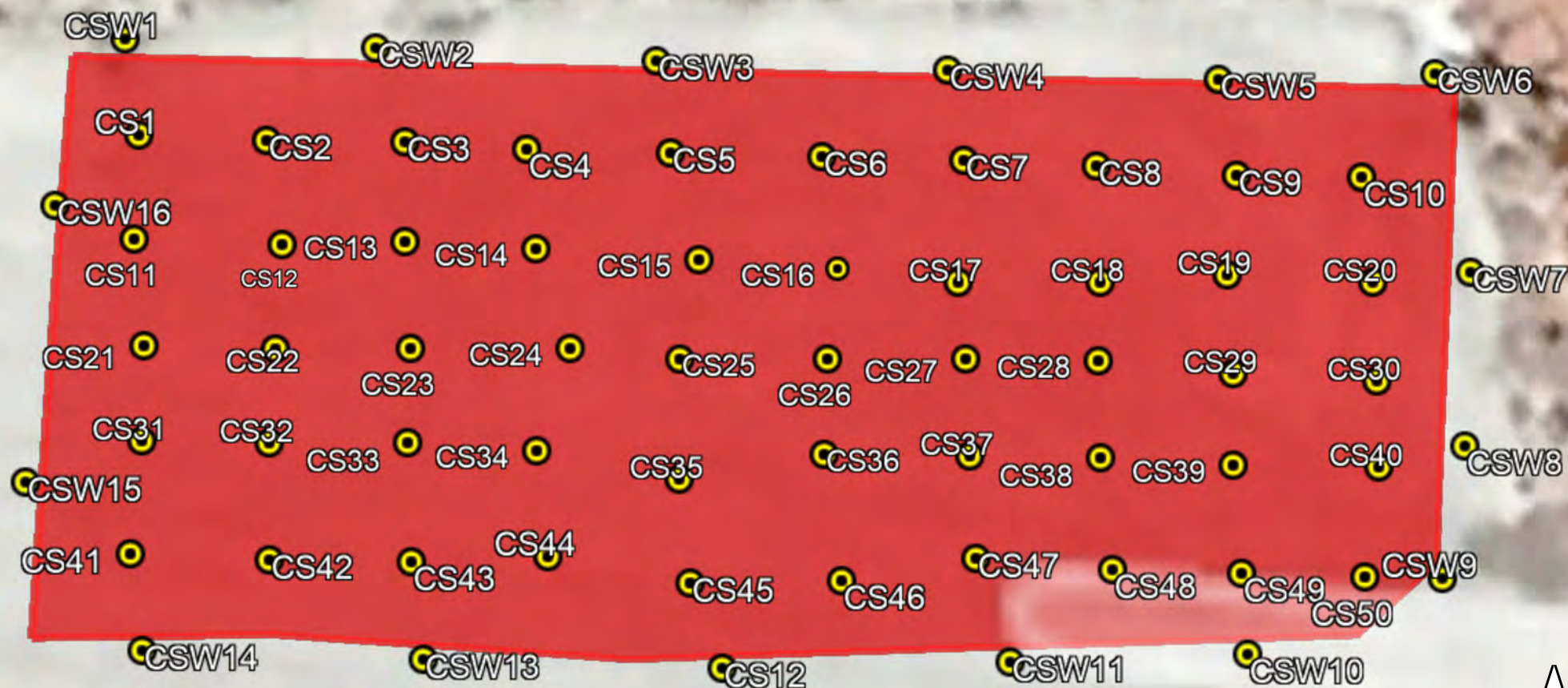
# Fighting Okra 18 19 Federal 84H

Devon Energy  
API: 30-025-44173  
Lea County, NM  
Confirmation Sample Map  
NAPP2100645694

## Legend

- Confirmation Samples
- Fighting Okra 18-19 Federal 84H

Fighting Okra 18 19 Federal 84H



60 ft

Google Earth





## Appendix A


### Water Surveys:

- OSE
- USGS
- Surface Water Map

## 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 Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
NA	C 04626 POD1	SE	NE	NW	18	26S	34E	640644.5	3546672.6	

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

<b>Driller License:</b>	1249	<b>Driller Company:</b>	ATKINS ENGINEERING ASSOC. INC.
<b>Driller Name:</b>	JACKIE ATKINS		
<b>Drill Start Date:</b>	2022-06-09	<b>Drill Finish Date:</b>	2022-06-09
<b>Log File Date:</b>	2022-06-16	<b>PCW Rcv Date:</b>	
<b>Pump Type:</b>		<b>Pipe Discharge Size:</b>	
<b>Casing Size:</b>		<b>Depth Well:</b>	

## Casing Perforations:

Top	Bottom
0	55

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.

11/25/24 2:57 PM MST

### Point of Diversion Summary

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# PLUGGING RECORD



**NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC**

## I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: C-4626

Well owner: Devon Energy

Phone No.: 575-748-1838

Mailing address: 6488 7 Rivers Hwy

City: Artesia

State: New Mexico

Zip code: 88210

## II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: Jackie D. Atkins ( Atkins Engineering Associates Inc.)
- 2) New Mexico Well Driller License No.: 1249 Expiration Date: 04/30/23
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): Shane Eldridge, Cameron Pruitt
- 4) Date well plugging began: 6/13/2022 Date well plugging concluded: 6/13/2022
- 5) GPS Well Location: Latitude: 32 deg, 2 min, 51.05 sec  
Longitude: 103 deg, 30 min, 37.08 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 55 ft below ground level (bgl),  
by the following manner: water level probe
- 7) Static water level measured at initiation of plugging: n/a ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: 5/26/2022
- 9) Were all plugging activities consistent with an approved plugging plan? Yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

QSE DTI JUN 16 2022 PM 3:10

- For each interval plugged, describe within the following columns:**

USE DT JUN 16 2022 PM 3:10

I, Jackie D. Atkins, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

6/16/2022

Date \_\_\_\_\_

# WR-20 Well Record and Log\_2022-01-28-forsign n

Final Audit Report

2022-06-16

Created:	2022-06-16
By:	Lucas Middleton (lucas@atkinseng.com)
Status:	Signed
Transaction ID:	CBJCHBCAABAApAW-UIYIfY0UGS_bPI8pUqTmmpvFzPqz

## "WR-20 Well Record and Log\_2022-01-28-forsign" History



Document created by Lucas Middleton (lucas@atkinseng.com)

2022-06-16 - 5:02:48 PM GMT- IP address: 24.49.110.136



Document emailed to Jack Atkins (jack@atkinseng.com) for signature

2022-06-16 - 5:03:41 PM GMT



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Document e-signed by Jack Atkins (jack@atkinseng.com)

Signature Date: 2022-06-16 - 5:05:53 PM GMT - Time Source: server- IP address: 64.90.153.232



Agreement completed.

2022-06-16 - 5:05:53 PM GMT

OSE DTI JUN 16 2022 PM 3:10



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# WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

[www.ose.state.nm.us](http://www.ose.state.nm.us)

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD 1 (TW-1)		WELL TAG ID NO. N/A		OSE FILE NO(S). C-4626			
	WELL OWNER NAME(S) Devon Energy				PHONE (OPTIONAL) 575-748-1838			
	WELL OWNER MAILING ADDRESS 6488 7 Rivers Hwy				CITY Artesia	STATE NM	ZIP 88210	
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 2	SECONDS 51.06	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND		
		LONGITUDE 103	30	37.08	W	* DATUM REQUIRED: WGS 84		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE SE NE NW Sec.18 T26S R34S NMPM								
2. DRILLING & CASING INFORMATION	LICENSE NO. 1249		NAME OF LICENSED DRILLER Jackie D. Atkins			NAME OF WELL DRILLING COMPANY Atkins Engineering Associates, Inc.		
	DRILLING STARTED 6/9/2022		DRILLING ENDED 6/9/2022		DEPTH OF COMPLETED WELL (FT) Temporary Well		BORE HOLE DEPTH (FT) ±55	DEPTH WATER FIRST ENCOUNTERED (FT) N/A
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)					STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A		DATE STATIC MEASURED 6/13/2022
	DRILLING FLUID: <input type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> OTHER - SPECIFY: Hollow Stem Auger						CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>	
	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	0 55		±6.5	Boring-HSA	--	--	--	--
3. ANNULAR MATERIAL	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL		AMOUNT (cubic feet)	METHOD OF PLACEMENT	

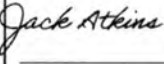
FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 01/28/2022)

FILE NO.	POD NO.	TRN NO.
LOCATION	WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	FROM	TO				
	0	4	4	Sand, Fine-grained, poorly graded, 2.5 YR 3/6, Dark Red	Y ✓ N	
	4	9	5	Caliche, with Fine-grained sand, 7.5 YR 7/4, Pink	Y ✓ N	
	9	14	5	Caliche, well consolidated, 7.5 YR 7/4, Pink	Y ✓ N	
	14	39	25	Sand, Fine-grained, poorly graded, with Caliche, 7.5 YR 7/6, Reddish Yellow	Y ✓ N	
	39	55	16	Sand, Fine-grained, poorly graded, with Caliche, 7.5 YR 7.5/6, Brown	Y ✓ N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
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					Y N	
					Y N	
					Y N	
					Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER - SPECIFY:					TOTAL ESTIMATED WELL YIELD (gpm): 0.00	

5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
	MISCELLANEOUS INFORMATION: Temporary well material removed and soil boring backfilled using drill cuttings from total depth to ten feet below ground surface(bgs), then hydrated bentonite chips ten feet bgs to surface. 28 Fighting Okra 18 CTB 4 DSE DTJ JUN 16 2022 PM3:10	
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Shane Eldridge, Cameron Pruitt	

6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:	
	 Jackie D. Atkins SIGNATURE OF DRILLER / PRINT SIGNEE NAME	6/16/2022 DATE

FOR OSE INTERNAL USE

WR-20 WELL RECORD &amp; LOG (Version 01/28/2022)

FILE NO.	POD NO.	TRN NO.
LOCATION	WELL TAG ID NO.	PAGE 2 OF 2



# FIGHTING OKRA 18-19 FED 84H

Devon Energy  
API: 30-025-44173  
Lea County, NM  
OSE Pod Map  
NAPP2100645694

## Legend

- 0.40 Miles
- C 04626 POD1
- Fighting Okra 18-19 Fed 84H



Google Earth





USGS Home  
Contact USGS  
Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category:  
Groundwater

Geographic Area:  
United States

GO

Click to hideNews Bulletins

- Explore the NEW [USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.

Groundwater levels for the Nation

 Important: [Next Generation Monitoring Location Page](#)

Search Results -- 1 sites found

site\_no list =

- 320245103335901

Minimum number of levels = 1

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

USGS 320245103335901 26S.33E.10.334343

Available data for this site

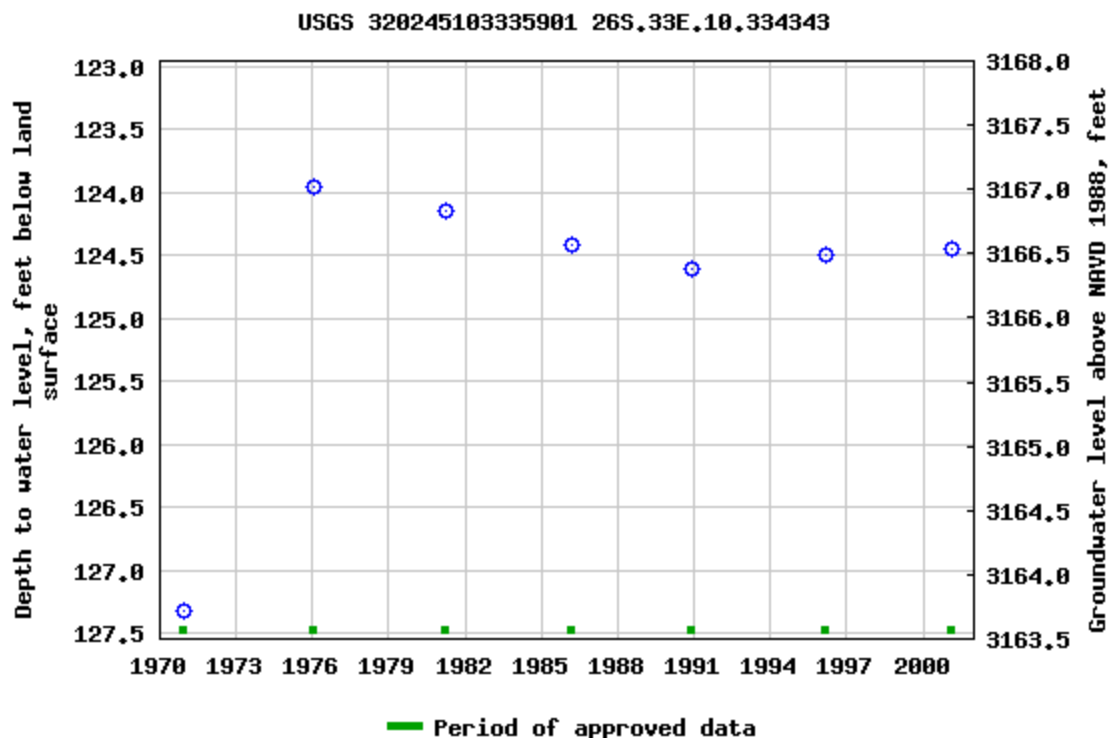
Groundwater: Field measurements

GO

Lea County, New Mexico  
Hydrologic Unit Code 13070001  
Latitude 32°02'45", Longitude 103°33'59" NAD27  
Land-surface elevation 3,291 feet above NAVD88  
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

<a href="#">Table of data</a>
<a href="#">Tab-separated data</a>
<a href="#">Graph of data</a>
<a href="#">Reselect period</a>



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

[Questions or Comments](#)

[Help](#)

[Data Tips](#)

[Explanation of terms](#)

[Subscribe for system changes](#)

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[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: 2024-11-25 17:04:23 EST

0.66 0.51 nadww01

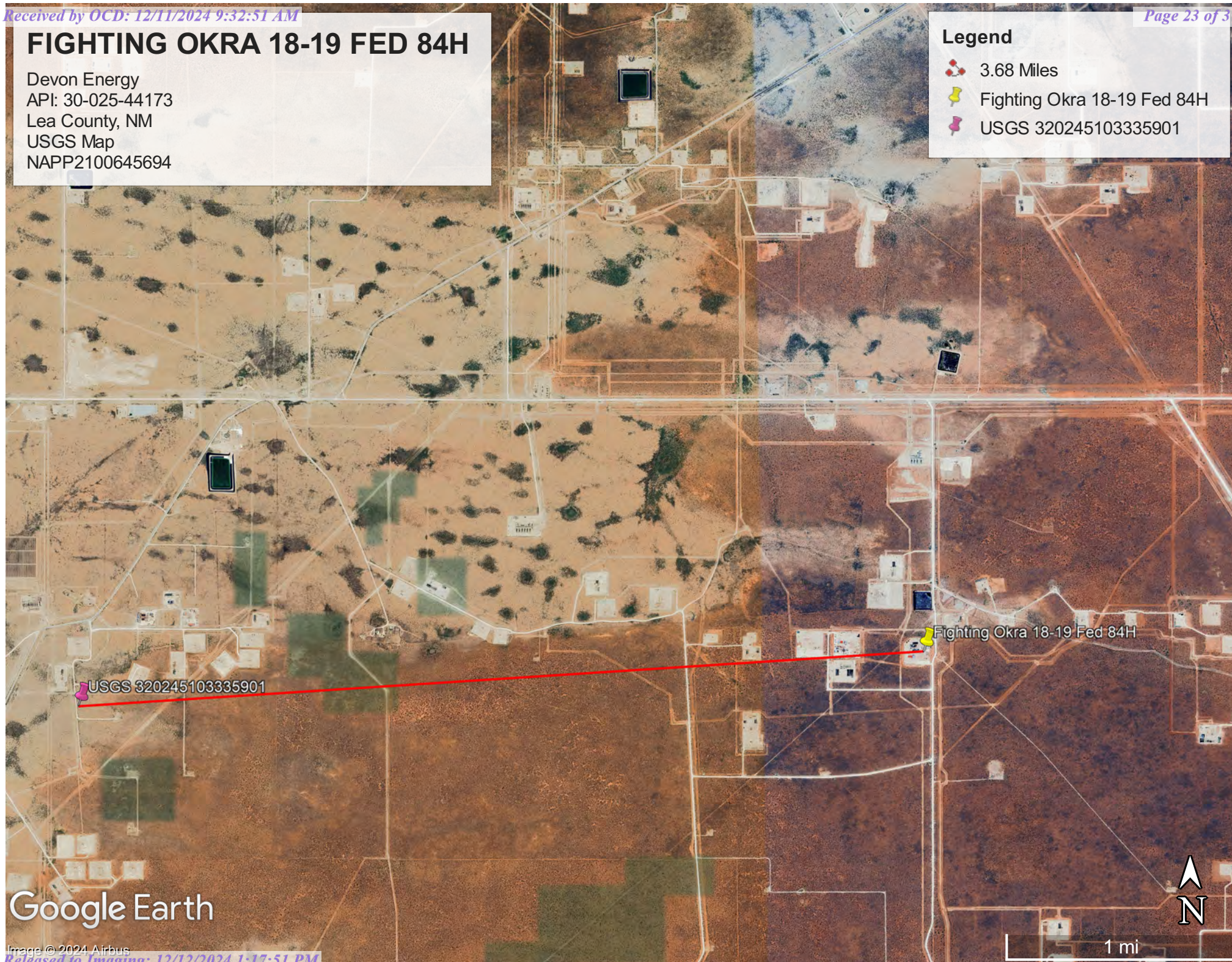


# FIGHTING OKRA 18-19 FED 84H

Devon Energy  
API: 30-025-44173  
Lea County, NM  
USGS Map  
NAPP2100645694

## Legend

- 3.68 Miles
- Fighting Okra 18-19 Fed 84H
- USGS 320245103335901






Google Earth

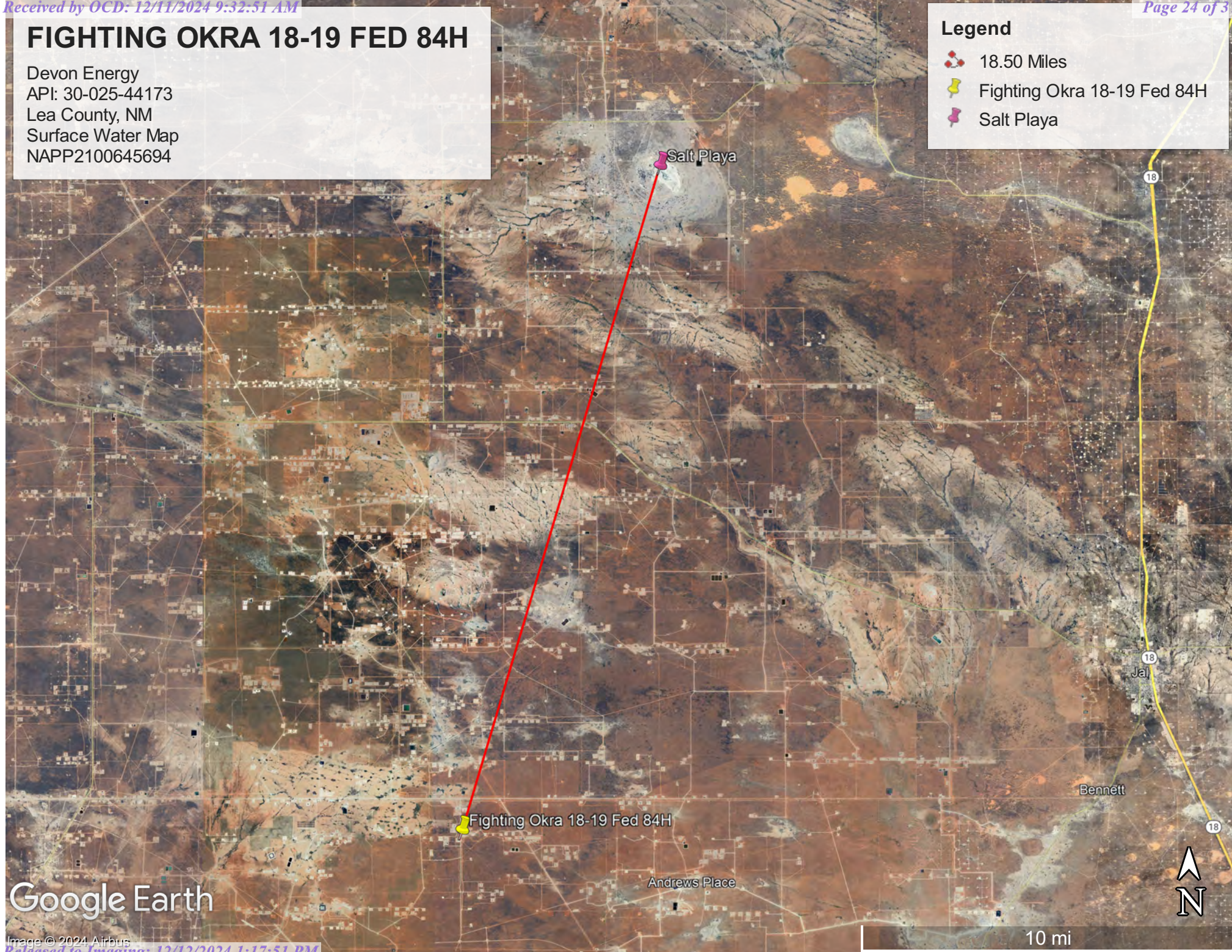


# FIGHTING OKRA 18-19 FED 84H

Devon Energy  
API: 30-025-44173  
Lea County, NM  
Surface Water Map  
NAPP2100645694

## Legend

-  18.50 Miles
-  Fighting Okra 18-19 Fed 84H
-  Salt Playa



Google Earth

Image © 2024 Airbus



## 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*

## Soil Map—Lea County, New Mexico



Natural Resources  
Conservation Service

Web Soil Survey  
National Cooperative Soil Survey


11/25/2024  
Page 1 of 3



## Soil Map—Lea County, New Mexico


## 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 21, Sep 3, 2024

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
BH	Berino-Cacique association, hummocky	6.9	22.4%
PU	Pyote and Maljamar fine sands	24.0	77.6%
Totals for Area of Interest		30.9	100.0%

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 21, Sep 3, 2024

(<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 ( <a href="https://ngmdb.usgs.gov/Prodesc/proddesc_22974.htm">https://ngmdb.usgs.gov/Prodesc/proddesc_22974.htm</a> )		
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](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/>) |

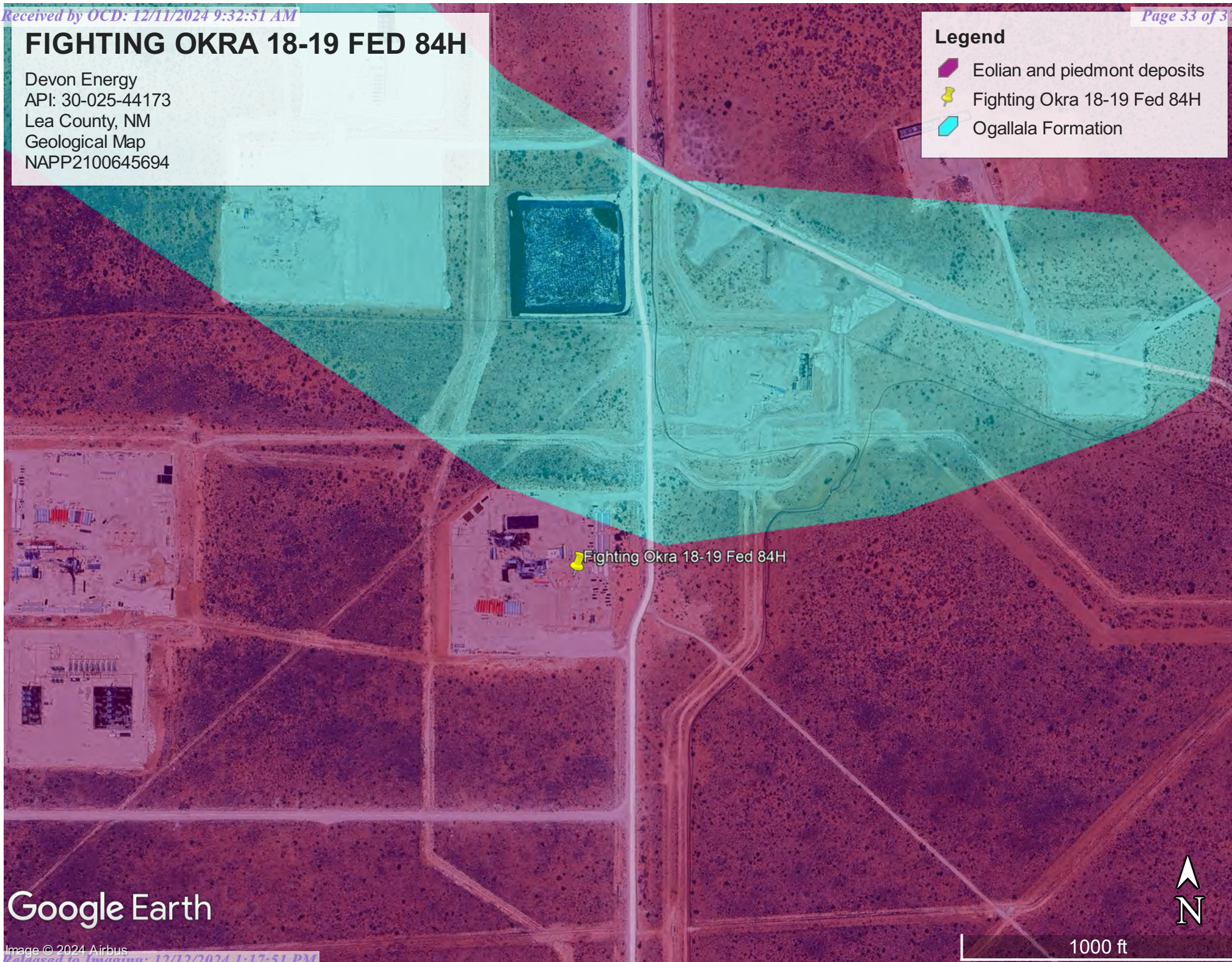


# FIGHTING OKRA 18-19 FED 84H

Devon Energy  
API: 30-025-44173  
Lea County, NM  
Geological Map  
NAPP2100645694

## Legend

-  Eolian and piedmont deposits
-  Fighting Okra 18-19 Fed 84H
-  Ogallala Formation



Fighting Okra 18-19 Fed 84H

Google Earth

Image © 2024 Airbus



1000 ft



# National Flood Hazard Layer FIRMette



103°30'32"W 32°3'13"N



## Legend

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

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



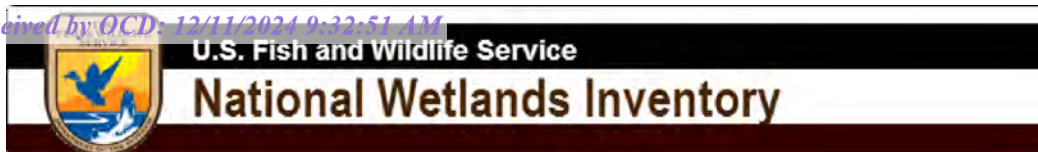
The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 11/25/2024 at 10:10 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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





## Wetlands Map



November 25, 2024

**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



Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico

Energy, Minerals and Natural Resources

Oil Conservation Division

1220 S. St Francis Dr.

Santa Fe, NM 87505

QUESTIONS

Action 406587

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 406587
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2100645694
Incident Name	NAPP2100645694 FIGHTING OKRA 18-19 FED 84H @ 30-025-44173
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-44173] FIGHTING OKRA 18 19 FEDERAL #084H

Location of Release Source	
Site Name	FIGHTING OKRA 18-19 FED 84H
Date Release Discovered	12/16/2020
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	10,135
What is the estimated number of samples that will be gathered	66
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/29/2024
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Andrew Franco -806-200-0054
Please provide any information necessary for navigation to sampling site	From the intersection of Hwy 128 and Battle Axe Rd (C2), travel on C2 for 11.53 miles, turn east on lease Rd for 2.57 miles, turn south on lease Rd 1.12 miles arriving at the location to the right. A-18-26S-34E 0 FNL 0 FEL (32.0492528,-103.5037508)

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

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

CONDITIONS

Action 406587

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 406587
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jralej	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.	11/26/2024





## Appendix D

### ○ Photographic Documentation

PHOTOGRAPHIC DOCUMENTATION SITE NAME:

Fighting Okra 18 19 Fed 84H

Assessment :



Site information Sign.



Photograph of site tech conducting assessment.



Photograph of site tech conducting assessment.



Photograph of site tech conducting assessment.





Photograph of site tech conducting assessment.



Photograph of site tech conducting assessment.



Photograph of site tech conducting assessment.



Photograph of site tech conducting assessment.



Photograph of site tech conducting assessment.



PHOTOGRAPHIC DOCUMENTATION SITE NAME:

Fighting Okra 18 19 Fed 84H

Aerial Pictures :



Aerial Photos of location.



Aerial Photos of location.



Aerial Photos of location.



Aerial Photos of location.



Aerial Photos of location.



Aerial Photos of location.

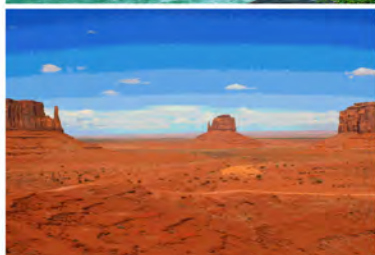




## Appendix E

### ○ Laboratory Reports

Report to:  
Gio Gomez



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Fighting Okra 18-19 Fed 84H

Work Order: E410102

Job Number: 01058-0007

Received: 10/11/2024

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
10/16/24

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: 10/16/24

Gio Gomez  
PO Box 247  
Plains, TX 79355-0247



Project Name: Fighting Okra 18-19 Fed 84H  
Workorder: E410102  
Date Received: 10/11/2024 8:00:34AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/11/2024 8:00:34AM, under the Project Name: Fighting Okra 18-19 Fed 84H.

The analytical test results summarized in this report with the Project Name: Fighting Okra 18-19 Fed 84H 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,

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## Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/16/24 13:01

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1 - 1'	E410102-01A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S1 - 2'	E410102-02A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S1 - 3'	E410102-03A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S1 - 4'	E410102-04A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S2 - 1'	E410102-05A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S2 - 2'	E410102-06A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S2 - 3'	E410102-07A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S2 - 4'	E410102-08A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S3 - 1'	E410102-09A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S3 - 2'	E410102-10A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S3 - 3'	E410102-11A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S3 - 4'	E410102-12A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S4 - 1'	E410102-13A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S4 - 2'	E410102-14A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S4 - 3'	E410102-15A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S4 - 4'	E410102-16A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S5 - 1'	E410102-17A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S5 - 2'	E410102-18A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S5 - 3'	E410102-19A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S5 - 4'	E410102-20A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported: 10/16/2024 1:01:31PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S1 - 1'  
E410102-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441088	
Benzene	ND	0.0250	1	10/11/24	10/13/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/13/24	
Toluene	ND	0.0250	1	10/11/24	10/13/24	
o-Xylene	ND	0.0250	1	10/11/24	10/13/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/13/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/13/24	
Surrogate: 4-Bromochlorobenzene-PID	98.9 %	70-130		10/11/24	10/13/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	95.0 %	70-130		10/11/24	10/13/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2441102	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
Surrogate: n-Nonane	107 %	50-200		10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2441095	
Chloride	62.2	20.0	1	10/11/24	10/11/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
10/16/2024 1:01:31PM

S1 - 2'

E410102-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441088	
Benzene	ND	0.0250	1	10/11/24	10/13/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/13/24	
Toluene	ND	0.0250	1	10/11/24	10/13/24	
o-Xylene	ND	0.0250	1	10/11/24	10/13/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/13/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/13/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.3 %	70-130		10/11/24	10/13/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/13/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.6 %	70-130		10/11/24	10/13/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2441102	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
<i>Surrogate: n-Nonane</i>						
	103 %	50-200		10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2441095	
Chloride	33.2	20.0	1	10/11/24	10/11/24	





## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
10/16/2024 1:01:31PM

S1 - 3'

E410102-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441088	
Benzene	ND	0.0250	1	10/11/24	10/13/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/13/24	
Toluene	ND	0.0250	1	10/11/24	10/13/24	
o-Xylene	ND	0.0250	1	10/11/24	10/13/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/13/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/13/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	99.2 %	70-130		10/11/24	10/13/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/13/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	95.6 %	70-130		10/11/24	10/13/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2441102	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
<i>Surrogate: n-Nonane</i>	102 %	50-200		10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2441095	
Chloride	ND	20.0	1	10/11/24	10/11/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
10/16/2024 1:01:31PM

S1 - 4'

E410102-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441088	
Benzene	ND	0.0250	1	10/11/24	10/13/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/13/24	
Toluene	ND	0.0250	1	10/11/24	10/13/24	
o-Xylene	ND	0.0250	1	10/11/24	10/13/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/13/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/13/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.1 %	70-130		10/11/24	10/13/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/13/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.3 %	70-130		10/11/24	10/13/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2441102	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
<i>Surrogate: n-Nonane</i>						
	106 %	50-200		10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2441095	
Chloride	ND	20.0	1	10/11/24	10/11/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	<b>Reported:</b> 10/16/2024 1:01:31PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S2 - 1'

E410102-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441088	
Benzene	ND	0.0250	1	10/11/24	10/13/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/13/24	
Toluene	ND	0.0250	1	10/11/24	10/13/24	
o-Xylene	ND	0.0250	1	10/11/24	10/13/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/13/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/13/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.9 %	70-130		10/11/24	10/13/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/13/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.4 %	70-130		10/11/24	10/13/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2441102	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
<i>Surrogate: n-Nonane</i>						
	105 %	50-200		10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2441095	
Chloride	63.3	20.0	1	10/11/24	10/11/24	





## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
10/16/2024 1:01:31PM

S2 - 2'

E410102-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441088	
Benzene	ND	0.0250	1	10/11/24	10/13/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/13/24	
Toluene	ND	0.0250	1	10/11/24	10/13/24	
o-Xylene	ND	0.0250	1	10/11/24	10/13/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/13/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/13/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	10/11/24	10/13/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/13/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		95.9 %	70-130	10/11/24	10/13/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2441102	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
<i>Surrogate: n-Nonane</i>						
		103 %	50-200	10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2441095	
Chloride	27.6	20.0	1	10/11/24	10/11/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	<b>Reported:</b> 10/16/2024 1:01:31PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S2 - 3'

E410102-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441088	
Benzene	ND	0.0250	1	10/11/24	10/13/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/13/24	
Toluene	ND	0.0250	1	10/11/24	10/13/24	
o-Xylene	ND	0.0250	1	10/11/24	10/13/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/13/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/13/24	
Surrogate: 4-Bromochlorobenzene-PID	98.1 %	70-130		10/11/24	10/13/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	95.8 %	70-130		10/11/24	10/13/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2441102	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
Surrogate: n-Nonane	105 %	50-200		10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2441095	
Chloride	ND	20.0	1	10/11/24	10/11/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	<b>Reported:</b> 10/16/2024 1:01:31PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S2 - 4'

E410102-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441088	
Benzene	ND	0.0250	1	10/11/24	10/13/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/13/24	
Toluene	ND	0.0250	1	10/11/24	10/13/24	
o-Xylene	ND	0.0250	1	10/11/24	10/13/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/13/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/13/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.6 %	70-130		10/11/24	10/13/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/13/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.1 %	70-130		10/11/24	10/13/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2441102	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
<i>Surrogate: n-Nonane</i>						
	95.9 %	50-200		10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2441095	
Chloride	ND	20.0	1	10/11/24	10/11/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	<b>Reported:</b> 10/16/2024 1:01:31PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S3 - 1'

E410102-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441088	
Benzene	ND	0.0250	1	10/11/24	10/13/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/13/24	
Toluene	ND	0.0250	1	10/11/24	10/13/24	
o-Xylene	ND	0.0250	1	10/11/24	10/13/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/13/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/13/24	
Surrogate: 4-Bromochlorobenzene-PID	98.6 %	70-130		10/11/24	10/13/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	94.6 %	70-130		10/11/24	10/13/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2441102	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
Surrogate: n-Nonane	103 %	50-200		10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2441095	
Chloride	75.0	20.0	1	10/11/24	10/11/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	<b>Reported:</b> 10/16/2024 1:01:31PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S3 - 2'

E410102-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441088	
Benzene	ND	0.0250	1	10/11/24	10/13/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/13/24	
Toluene	ND	0.0250	1	10/11/24	10/13/24	
o-Xylene	ND	0.0250	1	10/11/24	10/13/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/13/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/13/24	
Surrogate: 4-Bromochlorobenzene-PID	99.8 %	70-130		10/11/24	10/13/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	95.1 %	70-130		10/11/24	10/13/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2441102	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
Surrogate: n-Nonane	106 %	50-200		10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2441095	
Chloride	28.2	20.0	1	10/11/24	10/11/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
10/16/2024 1:01:31PM

S3 - 3'

E410102-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441088	
Benzene	ND	0.0250	1	10/11/24	10/13/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/13/24	
Toluene	ND	0.0250	1	10/11/24	10/13/24	
o-Xylene	ND	0.0250	1	10/11/24	10/13/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/13/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/13/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.4 %	70-130		10/11/24	10/13/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/13/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.8 %	70-130		10/11/24	10/13/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2441102	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
<i>Surrogate: n-Nonane</i>						
	105 %	50-200		10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2441095	
Chloride	ND	20.0	1	10/11/24	10/11/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	<b>Reported:</b> 10/16/2024 1:01:31PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S3 - 4'

E410102-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441088	
Benzene	ND	0.0250	1	10/11/24	10/13/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/13/24	
Toluene	ND	0.0250	1	10/11/24	10/13/24	
o-Xylene	ND	0.0250	1	10/11/24	10/13/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/13/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/13/24	
Surrogate: 4-Bromochlorobenzene-PID	99.2 %	70-130		10/11/24	10/13/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	94.5 %	70-130		10/11/24	10/13/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2441102	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
Surrogate: n-Nonane	119 %	50-200		10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2441095	
Chloride	ND	20.0	1	10/11/24	10/11/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	<b>Reported:</b> 10/16/2024 1:01:31PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S4 - 1'

E410102-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441088	
Benzene	ND	0.0250	1	10/11/24	10/13/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/13/24	
Toluene	ND	0.0250	1	10/11/24	10/13/24	
o-Xylene	ND	0.0250	1	10/11/24	10/13/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/13/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/13/24	
Surrogate: 4-Bromochlorobenzene-PID	101 %	70-130		10/11/24	10/13/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	95.1 %	70-130		10/11/24	10/13/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2441102	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
Surrogate: n-Nonane	96.3 %	50-200		10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2441095	
Chloride	79.2	20.0	1	10/11/24	10/12/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
10/16/2024 1:01:31PM

S4 - 2'

E410102-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441088	
Benzene	ND	0.0250	1	10/11/24	10/13/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/13/24	
Toluene	ND	0.0250	1	10/11/24	10/13/24	
o-Xylene	ND	0.0250	1	10/11/24	10/13/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/13/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/13/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	10/11/24	10/13/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/13/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.7 %	70-130	10/11/24	10/13/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2441102	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
<i>Surrogate: n-Nonane</i>						
		103 %	50-200	10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2441095	
Chloride	27.9	20.0	1	10/11/24	10/12/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	<b>Reported:</b> 10/16/2024 1:01:31PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S4 - 3'

E410102-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441088	
Benzene	ND	0.0250	1	10/11/24	10/13/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/13/24	
Toluene	ND	0.0250	1	10/11/24	10/13/24	
o-Xylene	ND	0.0250	1	10/11/24	10/13/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/13/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/13/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	10/11/24	10/13/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/13/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.8 %	70-130	10/11/24	10/13/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2441102	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
<i>Surrogate: n-Nonane</i>						
		107 %	50-200	10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2441095	
Chloride	ND	20.0	1	10/11/24	10/12/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
10/16/2024 1:01:31PM

S4 - 4'

E410102-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441088	
Benzene	ND	0.0250	1	10/11/24	10/13/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/13/24	
Toluene	ND	0.0250	1	10/11/24	10/13/24	
o-Xylene	ND	0.0250	1	10/11/24	10/13/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/13/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/13/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	10/11/24	10/13/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/13/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.3 %	70-130	10/11/24	10/13/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2441102	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
<i>Surrogate: n-Nonane</i>						
		103 %	50-200	10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2441095	
Chloride	ND	20.0	1	10/11/24	10/12/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	<b>Reported:</b> 10/16/2024 1:01:31PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S5 - 1'

E410102-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441088	
Benzene	ND	0.0250	1	10/11/24	10/13/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/13/24	
Toluene	ND	0.0250	1	10/11/24	10/13/24	
o-Xylene	ND	0.0250	1	10/11/24	10/13/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/13/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/13/24	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	10/11/24	10/13/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.2 %	70-130	10/11/24	10/13/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2441102	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
Surrogate: n-Nonane		102 %	50-200	10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2441095	
Chloride	81.8	20.0	1	10/11/24	10/12/24	





## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
10/16/2024 1:01:31PM

S5 - 2'

E410102-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441088	
Benzene	ND	0.0250	1	10/11/24	10/13/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/13/24	
Toluene	ND	0.0250	1	10/11/24	10/13/24	
o-Xylene	ND	0.0250	1	10/11/24	10/13/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/13/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/13/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	10/11/24	10/13/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/13/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.3 %	70-130	10/11/24	10/13/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2441102	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
<i>Surrogate: n-Nonane</i>						
		104 %	50-200	10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2441095	
Chloride	27.3	20.0	1	10/11/24	10/12/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
10/16/2024 1:01:31PM

S5 - 3'

E410102-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441088	
Benzene	ND	0.0250	1	10/11/24	10/13/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/13/24	
Toluene	ND	0.0250	1	10/11/24	10/13/24	
o-Xylene	ND	0.0250	1	10/11/24	10/13/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/13/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/13/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	10/11/24	10/13/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/13/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.9 %	70-130	10/11/24	10/13/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2441102	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
<i>Surrogate: n-Nonane</i>						
		104 %	50-200	10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2441095	
Chloride	ND	20.0	1	10/11/24	10/12/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	<b>Reported:</b> 10/16/2024 1:01:31PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S5 - 4'

E410102-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441088	
Benzene	ND	0.0250	1	10/11/24	10/13/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/13/24	
Toluene	ND	0.0250	1	10/11/24	10/13/24	
o-Xylene	ND	0.0250	1	10/11/24	10/13/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/13/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/13/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	10/11/24	10/13/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/13/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.3 %	70-130	10/11/24	10/13/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2441102	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
<i>Surrogate: n-Nonane</i>		104 %	50-200	10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2441095	
Chloride	ND	20.0	1	10/11/24	10/12/24	





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/16/2024 1:01:31PM

Volatile Organics by EPA 8021B

Analyst: CG

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

Blank (2441088-BLK1) Prepared: 10/11/24 Analyzed: 10/13/24

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	8.04		8.00		100	70-130			

LCS (2441088-BS1) Prepared: 10/11/24 Analyzed: 10/13/24

Benzene	5.39	0.0250	5.00		108	70-130			
Ethylbenzene	5.28	0.0250	5.00		106	70-130			
Toluene	5.36	0.0250	5.00		107	70-130			
o-Xylene	5.28	0.0250	5.00		106	70-130			
p,m-Xylene	10.8	0.0500	10.0		108	70-130			
Total Xylenes	16.0	0.0250	15.0		107	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.18		8.00		102	70-130			

Matrix Spike (2441088-MS1) Source: E410102-06 Prepared: 10/11/24 Analyzed: 10/13/24

Benzene	5.51	0.0250	5.00	ND	110	54-133			
Ethylbenzene	5.37	0.0250	5.00	ND	107	61-133			
Toluene	5.47	0.0250	5.00	ND	109	61-130			
o-Xylene	5.38	0.0250	5.00	ND	108	63-131			
p,m-Xylene	10.9	0.0500	10.0	ND	109	63-131			
Total Xylenes	16.3	0.0250	15.0	ND	109	63-131			
Surrogate: 4-Bromochlorobenzene-PID	8.13		8.00		102	70-130			

Matrix Spike Dup (2441088-MSD1) Source: E410102-06 Prepared: 10/11/24 Analyzed: 10/13/24

Benzene	5.49	0.0250	5.00	ND	110	54-133	0.366	20	
Ethylbenzene	5.36	0.0250	5.00	ND	107	61-133	0.0112	20	
Toluene	5.45	0.0250	5.00	ND	109	61-130	0.269	20	
o-Xylene	5.37	0.0250	5.00	ND	107	63-131	0.132	20	
p,m-Xylene	10.9	0.0500	10.0	ND	109	63-131	0.112	20	
Total Xylenes	16.3	0.0250	15.0	ND	109	63-131	0.119	20	
Surrogate: 4-Bromochlorobenzene-PID	8.00		8.00		100	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/16/2024 1:01:31PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: CG

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2441088-BLK1) Prepared: 10/11/24 Analyzed: 10/13/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.49		8.00		93.7	70-130			

LCS (2441088-BS2) Prepared: 10/11/24 Analyzed: 10/13/24

Gasoline Range Organics (C6-C10)	45.4	20.0	50.0		90.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.78		8.00		97.2	70-130			

Matrix Spike (2441088-MS2) Source: E410102-06 Prepared: 10/11/24 Analyzed: 10/13/24

Gasoline Range Organics (C6-C10)	46.0	20.0	50.0	ND	91.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.71		8.00		96.3	70-130			

Matrix Spike Dup (2441088-MSD2) Source: E410102-06 Prepared: 10/11/24 Analyzed: 10/13/24

Gasoline Range Organics (C6-C10)	46.4	20.0	50.0	ND	92.9	70-130	1.03	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.65		8.00		95.6	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/16/2024 1:01:31PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2441102-BLK1)					Prepared: 10/11/24 Analyzed: 10/12/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.4		50.0		96.8	50-200			

LCS (2441102-BS1)					Prepared: 10/11/24 Analyzed: 10/12/24				
Diesel Range Organics (C10-C28)	253	25.0	250		101	38-132			
Surrogate: n-Nonane	54.2		50.0		108	50-200			

Matrix Spike (2441102-MS1)					Source: E410102-04		Prepared: 10/11/24 Analyzed: 10/12/24		
Diesel Range Organics (C10-C28)	258	25.0	250	ND	103	38-132			
Surrogate: n-Nonane	53.5		50.0		107	50-200			

Matrix Spike Dup (2441102-MSD1)					Source: E410102-04		Prepared: 10/11/24 Analyzed: 10/12/24		
Diesel Range Organics (C10-C28)	267	25.0	250	ND	107	38-132	3.57	20	
Surrogate: n-Nonane	53.3		50.0		107	50-200			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/16/2024 1:01:31PM

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 (2441095-BLK1)					Prepared: 10/11/24 Analyzed: 10/11/24				
Chloride	ND	20.0							
LCS (2441095-BS1)					Prepared: 10/11/24 Analyzed: 10/11/24				
Chloride	258	20.0	250		103	90-110			
Matrix Spike (2441095-MS1)					Source: E410102-07		Prepared: 10/11/24 Analyzed: 10/11/24		
Chloride	254	20.0	250	ND	101	80-120			
Matrix Spike Dup (2441095-MSD1)					Source: E410102-07		Prepared: 10/11/24 Analyzed: 10/11/24		
Chloride	254	20.0	250	ND	102	80-120	0.223	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 18-19 Fed 84H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/16/24 13:01

- 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

<b>Client:</b> Pima Environmental Services <b>Project:</b> Fighting Okra 18-19 Feb 84H <b>Project Manager:</b> Gio Gomez <b>Address:</b> 5614 N. Lovington Hwy. <b>City, State, Zip:</b> Hobbs, NM. 88240 <b>Phone:</b> 806-782-1151 <b>Email:</b> gio@pimaoil.com <b>Report due by:</b>					<b>Bill To</b> <b>Attention:</b> Devon <b>Address:</b> <b>City, State, Zip:</b> <b>Phone:</b> <b>Email:</b> <b>Pima Project #</b> 1-212					<b>Lab Use Only</b> <b>Lab WO#</b> E410102 <b>Job Number</b> 01058-0002					<b>TAT</b> 1D 2D 3D Standard X				<b>EPA Program</b> CWA SDWA RCRA	
					<b>Analysis and Method</b>									<b>State</b> NM CO UT AZ TX X				<b>Remarks</b>		
<b>Time Sampled</b>	<b>Date Sampled</b>	<b>Matrix</b>	<b>No. of Containers</b>	<b>Sample ID</b>	<b>Lab Number</b>	<b>DRO/ORO by 8015</b>	<b>GRO/DRO by 8015</b>	<b>BTEX by 8021</b>	<b>VOC by 8260</b>	<b>Metals 6010</b>	<b>Chloride 300.0</b>	<b>BGDOC NM</b>	<b>BGDOC TX</b>							
8:11	10/8	S		S1-1'	1							X								
8:18				S1-2'	2															
8:23				S1-3'	3															
8:36				S1-4'	4															
8:41				S2-1'	5															
8:56				S2-2'	6															
9:13				S2-3'	7															
9:23				S2-4'	8															
9:36				S3-1'	9															
9:41				S3-2'	10															
<b>Additional Instructions:</b> Billing# 21136919																				
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												
Kerime Adame		10/10/24	1230	Sylvia Gomez		10-10-24	1230	Received on ice: Y / N												
Michelle Gonzales		10/10/24	1500	L.H.		10-10-24	1700	T1 T2 T3												
L.H.		10-10-24	2315	S.S.B.		10-11-24	0800	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.																				



Project Information

Chain of Custody

Client: Pima Environmental Services  
Project: Fighting Okra 18-19 Fed 84 H  
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 # 1-212

Lab Use Only  
Lab WO# E410102  
Job Number 01058-0007418  
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  
X  
State  
NM CO UT AZ TX  
X  
Remarks

EPA Program  
CWA SDWA  
RCRA

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number
9:49	10/8	S		S3-3'	11
9:53				S3-4'	12
10:06				S4-1'	13
10:09				S4-2'	14
10:25				S4-3'	15
10:31				S4-4'	16
10:38				S5-1'	17
10:46				S5-2'	18
10:51				S5-3'	19
10:57				S5-4'	20

Additional Instructions: Billing# 21136919

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.  
Sampled by:  
Relinquished by: (Signature) Karime Adams Date 10/10/24 Time 1230  
Relinquished by: (Signature) Michelle Gonzales Date 10-10-24 Time 1500  
Relinquished by: (Signature) L.H. Date 10-10-24 Time 2315  
Received by: (Signature) Michelle Gonzales Date 10-10-24 Time 1230  
Received by: (Signature) L.H. Date 10-10-24 Time 1700  
Received by: (Signature) S.S. Date 10-10-24 Time 0800  
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: ① 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: 10/11/2024 9:39:34AM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	10/11/24 08:00	Work Order ID:	E410102
Phone:	(575) 631-6977	Date Logged In:	10/10/24 15:32	Logged In By:	Raina Schwanz
Email:	gio@pimaoil.com	Due Date:	10/17/24 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/Resolution

Number of containers and sampler not marked on COC. Project Fighting Okra 19-18 Fed 84H has been separated into multiple WOs due to high sample volume, WOs are E410102-E410106.

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received? Yes
  8. If yes, was cooler received in good condition? Yes
  9. Was the sample(s) received intact, i.e., not broken? Yes
  10. Were custody/security seals present? No
  11. If yes, were custody/security seals intact? NA
  12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes
- Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling
13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:  
Gio Gomez



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Fighting Okra 18-19 Fed 84H

Work Order: E410103

Job Number: 01058-0007

Received: 10/11/2024

Revision: 2

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
10/16/24

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: 10/16/24

Gio Gomez  
PO Box 247  
Plains, TX 79355-0247



Project Name: Fighting Okra 18-19 Fed 84H  
Workorder: E410103  
Date Received: 10/11/2024 8:00:34AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/11/2024 8:00:34AM, under the Project Name: Fighting Okra 18-19 Fed 84H.

The analytical test results summarized in this report with the Project Name: Fighting Okra 18-19 Fed 84H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

**Raina Schwanz**  
Laboratory Administrator  
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[mgonzales@envirotech-inc.com](mailto:mgonzales@envirotech-inc.com)

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



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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/16/24 14:01

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S6 - 1'	E410103-01A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S6 - 2'	E410103-02A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S6 - 3'	E410103-03A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S6 - 4'	E410103-04A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S7 - 1'	E410103-05A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S7 - 2'	E410103-06A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S7 - 3'	E410103-07A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S7 - 4'	E410103-08A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S8 - 1'	E410103-09A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S8 - 2'	E410103-10A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S8 - 3'	E410103-11A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S8 - 4'	E410103-12A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S9 - 1'	E410103-13A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S9 - 2'	E410103-14A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S9 - 3'	E410103-15A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S9 - 4'	E410103-16A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S10 - 1'	E410103-17A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S10 - 2'	E410103-18A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S10 - 3'	E410103-19A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S10 - 4'	E410103-20A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
10/16/2024 2:01:26PM

**S6 - 1'**

**E410103-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441098	
Benzene	ND	0.0250	1	10/11/24	10/15/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/15/24	
Toluene	ND	0.0250	1	10/11/24	10/15/24	
o-Xylene	ND	0.0250	1	10/11/24	10/15/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/15/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/15/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	88.4 %	70-130		10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441098	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/15/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	97.3 %	70-130		10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2441103	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
<i>Surrogate: n-Nonane</i>	89.6 %	50-200		10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2441096	
Chloride	90.8	20.0	1	10/11/24	10/12/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	<b>Reported:</b> 10/16/2024 2:01:26PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S6 - 2'

E410103-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441098	
Benzene	ND	0.0250	1	10/11/24	10/15/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/15/24	
Toluene	ND	0.0250	1	10/11/24	10/15/24	
o-Xylene	ND	0.0250	1	10/11/24	10/15/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/15/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/15/24	
Surrogate: 4-Bromochlorobenzene-PID	85.6 %	70-130		10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441098	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	96.5 %	70-130		10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2441103	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
Surrogate: n-Nonane	88.9 %	50-200		10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2441096	
Chloride	31.5	20.0	1	10/11/24	10/12/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	<b>Reported:</b> 10/16/2024 2:01:26PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S6 - 3'

E410103-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441098	
Benzene	ND	0.0250	1	10/11/24	10/15/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/15/24	
Toluene	ND	0.0250	1	10/11/24	10/15/24	
o-Xylene	ND	0.0250	1	10/11/24	10/15/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/15/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/15/24	
Surrogate: 4-Bromochlorobenzene-PID	86.1 %	70-130		10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441098	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	98.1 %	70-130		10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2441103	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
Surrogate: n-Nonane	89.0 %	50-200		10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2441096	
Chloride	ND	20.0	1	10/11/24	10/12/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	<b>Reported:</b> 10/16/2024 2:01:26PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S6 - 4'

E410103-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441098	
Benzene	ND	0.0250	1	10/11/24	10/15/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/15/24	
Toluene	ND	0.0250	1	10/11/24	10/15/24	
o-Xylene	ND	0.0250	1	10/11/24	10/15/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/15/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/15/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.6 %	70-130		10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441098	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/15/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.9 %	70-130		10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2441103	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
<i>Surrogate: n-Nonane</i>						
	93.8 %	50-200		10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2441096	
Chloride	ND	20.0	1	10/11/24	10/12/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	<b>Reported:</b> 10/16/2024 2:01:26PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S7 - 1'

E410103-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441098	
Benzene	ND	0.0250	1	10/11/24	10/15/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/15/24	
Toluene	ND	0.0250	1	10/11/24	10/15/24	
o-Xylene	ND	0.0250	1	10/11/24	10/15/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/15/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/15/24	
Surrogate: 4-Bromochlorobenzene-PID	84.9 %	70-130		10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441098	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	97.7 %	70-130		10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2441103	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
Surrogate: n-Nonane	84.6 %	50-200		10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2441096	
Chloride	41.4	20.0	1	10/11/24	10/12/24	





Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18-19 Fed 84H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 10/16/2024 2:01:26PM
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S7 - 2'

E410103-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441098	
Benzene	ND	0.0250	1	10/11/24	10/15/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/15/24	
Toluene	ND	0.0250	1	10/11/24	10/15/24	
o-Xylene	ND	0.0250	1	10/11/24	10/15/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/15/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/15/24	
Surrogate: 4-Bromochlorobenzene-PID	87.5 %	70-130		10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441098	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	96.4 %	70-130		10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2441103	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
Surrogate: n-Nonane	87.7 %	50-200		10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2441096	
Chloride	28.2	20.0	1	10/11/24	10/12/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
10/16/2024 2:01:26PM

S7 - 3'

E410103-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441098	
Benzene	ND	0.0250	1	10/11/24	10/15/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/15/24	
Toluene	ND	0.0250	1	10/11/24	10/15/24	
o-Xylene	ND	0.0250	1	10/11/24	10/15/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/15/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/15/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.9 %	70-130		10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441098	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/15/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	99.8 %	70-130		10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2441103	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
<i>Surrogate: n-Nonane</i>						
	89.3 %	50-200		10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2441096	
Chloride	ND	20.0	1	10/11/24	10/12/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	<b>Reported:</b> 10/16/2024 2:01:26PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S7 - 4'

E410103-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441098	
Benzene	ND	0.0250	1	10/11/24	10/15/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/15/24	
Toluene	ND	0.0250	1	10/11/24	10/15/24	
o-Xylene	ND	0.0250	1	10/11/24	10/15/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/15/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/15/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.9 %	70-130		10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441098	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/15/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	99.7 %	70-130		10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2441103	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
<i>Surrogate: n-Nonane</i>						
	96.0 %	50-200		10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2441096	
Chloride	ND	20.0	1	10/11/24	10/11/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	<b>Reported:</b> 10/16/2024 2:01:26PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S8 - 1'

E410103-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441098	
Benzene	ND	0.0250	1	10/11/24	10/15/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/15/24	
Toluene	ND	0.0250	1	10/11/24	10/15/24	
o-Xylene	ND	0.0250	1	10/11/24	10/15/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/15/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/15/24	
Surrogate: 4-Bromochlorobenzene-PID	85.7 %	70-130		10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441098	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	99.1 %	70-130		10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2441103	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/13/24	
Surrogate: n-Nonane	95.3 %	50-200		10/11/24	10/13/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2441096	
Chloride	40.7	20.0	1	10/11/24	10/12/24	





Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18-19 Fed 84H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 10/16/2024 2:01:26PM
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S8 - 2'

E410103-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441098	
Benzene	ND	0.0250	1	10/11/24	10/15/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/15/24	
Toluene	ND	0.0250	1	10/11/24	10/15/24	
o-Xylene	ND	0.0250	1	10/11/24	10/15/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/15/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/15/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.1 %	70-130		10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441098	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/15/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	100 %	70-130		10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2441103	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/13/24	
<i>Surrogate: n-Nonane</i>						
	85.9 %	50-200		10/11/24	10/13/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2441096	
Chloride	29.9	20.0	1	10/11/24	10/12/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	<b>Reported:</b> 10/16/2024 2:01:26PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S8 - 3'

E410103-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441098	
Benzene	ND	0.0250	1	10/11/24	10/15/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/15/24	
Toluene	ND	0.0250	1	10/11/24	10/15/24	
o-Xylene	ND	0.0250	1	10/11/24	10/15/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/15/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/15/24	
Surrogate: 4-Bromochlorobenzene-PID	86.2 %	70-130		10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441098	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	99.7 %	70-130		10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2441103	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/13/24	
Surrogate: n-Nonane	89.1 %	50-200		10/11/24	10/13/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2441096	
Chloride	ND	20.0	1	10/11/24	10/12/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18-19 Fed 84H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 10/16/2024 2:01:26PM
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S8 - 4'

E410103-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441098	
Benzene	ND	0.0250	1	10/11/24	10/15/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/15/24	
Toluene	ND	0.0250	1	10/11/24	10/15/24	
o-Xylene	ND	0.0250	1	10/11/24	10/15/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/15/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/15/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.8 %	70-130		10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441098	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/15/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.3 %	70-130		10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2441103	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/13/24	
<i>Surrogate: n-Nonane</i>						
	89.0 %	50-200		10/11/24	10/13/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2441096	
Chloride	ND	20.0	1	10/11/24	10/12/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported: 10/16/2024 2:01:26PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S9 - 1'

E410103-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441098	
Benzene	ND	0.0250	1	10/11/24	10/15/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/15/24	
Toluene	ND	0.0250	1	10/11/24	10/15/24	
o-Xylene	ND	0.0250	1	10/11/24	10/15/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/15/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/15/24	
Surrogate: 4-Bromochlorobenzene-PID	84.6 %	70-130		10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441098	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	99.2 %	70-130		10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2441103	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/13/24	
Surrogate: n-Nonane	94.1 %	50-200		10/11/24	10/13/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2441096	
Chloride	40.1	20.0	1	10/11/24	10/12/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	<b>Reported:</b> 10/16/2024 2:01:26PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S9 - 2'

E410103-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441098	
Benzene	ND	0.0250	1	10/11/24	10/15/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/15/24	
Toluene	ND	0.0250	1	10/11/24	10/15/24	
o-Xylene	ND	0.0250	1	10/11/24	10/15/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/15/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/15/24	
Surrogate: 4-Bromochlorobenzene-PID	85.2 %	70-130		10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441098	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	98.1 %	70-130		10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2441103	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/13/24	
Surrogate: n-Nonane	91.3 %	50-200		10/11/24	10/13/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2441096	
Chloride	28.6	20.0	1	10/11/24	10/12/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	<b>Reported:</b> 10/16/2024 2:01:26PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S9 - 3'

E410103-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441098	
Benzene	ND	0.0250	1	10/11/24	10/15/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/15/24	
Toluene	ND	0.0250	1	10/11/24	10/15/24	
o-Xylene	ND	0.0250	1	10/11/24	10/15/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/15/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/15/24	
Surrogate: 4-Bromochlorobenzene-PID	87.0 %	70-130		10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441098	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	99.6 %	70-130		10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2441103	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/13/24	
Surrogate: n-Nonane	88.6 %	50-200		10/11/24	10/13/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2441096	
Chloride	ND	20.0	1	10/11/24	10/12/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
10/16/2024 2:01:26PM

S9 - 4'

E410103-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441098	
Benzene	ND	0.0250	1	10/11/24	10/15/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/15/24	
Toluene	ND	0.0250	1	10/11/24	10/15/24	
o-Xylene	ND	0.0250	1	10/11/24	10/15/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/15/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/15/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.7 %	70-130		10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441098	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/15/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	99.5 %	70-130		10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2441103	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/13/24	
<i>Surrogate: n-Nonane</i>						
	94.9 %	50-200		10/11/24	10/13/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2441096	
Chloride	ND	20.0	1	10/11/24	10/12/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	<b>Reported:</b> 10/16/2024 2:01:26PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S10 - 1'

E410103-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441098	
Benzene	ND	0.0250	1	10/11/24	10/15/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/15/24	
Toluene	ND	0.0250	1	10/11/24	10/15/24	
o-Xylene	ND	0.0250	1	10/11/24	10/15/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/15/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/15/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.5 %	70-130		10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441098	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/15/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	99.2 %	70-130		10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2441103	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/13/24	
<i>Surrogate: n-Nonane</i>						
	92.9 %	50-200		10/11/24	10/13/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2441096	
Chloride	37.0	20.0	1	10/11/24	10/12/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	<b>Reported:</b> 10/16/2024 2:01:26PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S10 - 2'

E410103-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441098	
Benzene	ND	0.0250	1	10/11/24	10/15/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/15/24	
Toluene	ND	0.0250	1	10/11/24	10/15/24	
o-Xylene	ND	0.0250	1	10/11/24	10/15/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/15/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/15/24	
Surrogate: 4-Bromochlorobenzene-PID	87.5 %	70-130		10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441098	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	98.9 %	70-130		10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2441103	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/13/24	
Surrogate: n-Nonane	86.7 %	50-200		10/11/24	10/13/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2441096	
Chloride	ND	20.0	1	10/11/24	10/12/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	<b>Reported:</b> 10/16/2024 2:01:26PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S10 - 3'

E410103-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441098	
Benzene	ND	0.0250	1	10/11/24	10/15/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/15/24	
Toluene	ND	0.0250	1	10/11/24	10/15/24	
o-Xylene	ND	0.0250	1	10/11/24	10/15/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/15/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/15/24	
Surrogate: 4-Bromochlorobenzene-PID	88.9 %	70-130		10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441098	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	98.9 %	70-130		10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2441103	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/13/24	
Surrogate: n-Nonane	89.0 %	50-200		10/11/24	10/13/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2441096	
Chloride	ND	20.0	1	10/11/24	10/12/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported: 10/16/2024 2:01:26PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S10 - 4'

E410103-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441098	
Benzene	ND	0.0250	1	10/11/24	10/15/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/15/24	
Toluene	ND	0.0250	1	10/11/24	10/15/24	
o-Xylene	ND	0.0250	1	10/11/24	10/15/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/15/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/15/24	
Surrogate: 4-Bromochlorobenzene-PID	89.0 %	70-130		10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441098	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	99.6 %	70-130		10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2441103	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/13/24	
Surrogate: n-Nonane	88.6 %	50-200		10/11/24	10/13/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2441096	
Chloride	ND	20.0	1	10/11/24	10/12/24	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/16/2024 2:01:26PM

Volatile Organics by EPA 8021B

Analyst: CG

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

Blank (2441098-BLK1) Prepared: 10/11/24 Analyzed: 10/15/24

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	6.97		8.00		87.1	70-130			

LCS (2441098-BS1) Prepared: 10/11/24 Analyzed: 10/15/24

Benzene	4.25	0.0250	5.00		85.1	70-130			
Ethylbenzene	4.06	0.0250	5.00		81.3	70-130			
Toluene	4.17	0.0250	5.00		83.5	70-130			
o-Xylene	4.04	0.0250	5.00		80.9	70-130			
p,m-Xylene	8.25	0.0500	10.0		82.5	70-130			
Total Xylenes	12.3	0.0250	15.0		82.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.03		8.00		87.9	70-130			

Matrix Spike (2441098-MS1) Source: E410103-06 Prepared: 10/11/24 Analyzed: 10/15/24

Benzene	4.53	0.0250	5.00	ND	90.7	54-133			
Ethylbenzene	4.30	0.0250	5.00	ND	86.1	61-133			
Toluene	4.44	0.0250	5.00	ND	88.7	61-130			
o-Xylene	4.30	0.0250	5.00	ND	86.1	63-131			
p,m-Xylene	8.72	0.0500	10.0	ND	87.2	63-131			
Total Xylenes	13.0	0.0250	15.0	ND	86.8	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.10		8.00		88.7	70-130			

Matrix Spike Dup (2441098-MSD1) Source: E410103-06 Prepared: 10/11/24 Analyzed: 10/15/24

Benzene	4.83	0.0250	5.00	ND	96.6	54-133	6.36	20	
Ethylbenzene	4.59	0.0250	5.00	ND	91.8	61-133	6.40	20	
Toluene	4.73	0.0250	5.00	ND	94.7	61-130	6.46	20	
o-Xylene	4.60	0.0250	5.00	ND	91.9	63-131	6.53	20	
p,m-Xylene	9.29	0.0500	10.0	ND	92.9	63-131	6.30	20	
Total Xylenes	13.9	0.0250	15.0	ND	92.6	63-131	6.38	20	
Surrogate: 4-Bromochlorobenzene-PID	7.07		8.00		88.4	70-130			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/16/2024 2:01:26PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: CG

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2441098-BLK1) Prepared: 10/11/24 Analyzed: 10/15/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.80		8.00		97.5	70-130			

LCS (2441098-BS2) Prepared: 10/11/24 Analyzed: 10/15/24

Gasoline Range Organics (C6-C10)	37.9	20.0	50.0		75.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.02		8.00		100	70-130			

Matrix Spike (2441098-MS2) Source: E410103-06 Prepared: 10/11/24 Analyzed: 10/15/24

Gasoline Range Organics (C6-C10)	41.8	20.0	50.0	ND	83.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.11		8.00		101	70-130			

Matrix Spike Dup (2441098-MSD2) Source: E410103-06 Prepared: 10/11/24 Analyzed: 10/15/24

Gasoline Range Organics (C6-C10)	46.1	20.0	50.0	ND	92.2	70-130	9.76	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.96		8.00		99.6	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/16/2024 2:01:26PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2441103-BLK1) Prepared: 10/11/24 Analyzed: 10/12/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	46.2		50.0		92.5	50-200			

LCS (2441103-BS1) Prepared: 10/11/24 Analyzed: 10/12/24

Diesel Range Organics (C10-C28)	252	25.0	250		101	38-132			
Surrogate: n-Nonane	47.6		50.0		95.2	50-200			

Matrix Spike (2441103-MS1) Source: E410103-04 Prepared: 10/11/24 Analyzed: 10/12/24

Diesel Range Organics (C10-C28)	244	25.0	250	ND	97.7	38-132			
Surrogate: n-Nonane	47.3		50.0		94.6	50-200			

Matrix Spike Dup (2441103-MSD1) Source: E410103-04 Prepared: 10/11/24 Analyzed: 10/12/24

Diesel Range Organics (C10-C28)	246	25.0	250	ND	98.2	38-132	0.540	20	
Surrogate: n-Nonane	49.2		50.0		98.4	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/16/2024 2:01:26PM

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 (2441096-BLK1)					Prepared: 10/11/24 Analyzed: 10/11/24				
Chloride	ND	20.0							
LCS (2441096-BS1)					Prepared: 10/11/24 Analyzed: 10/11/24				
Chloride	263	20.0	250		105	90-110			
Matrix Spike (2441096-MS1)					Source: E410103-08		Prepared: 10/11/24 Analyzed: 10/11/24		
Chloride	259	20.0	250	ND	104	80-120			
Matrix Spike Dup (2441096-MSD1)					Source: E410103-08		Prepared: 10/11/24 Analyzed: 10/11/24		
Chloride	260	20.0	250	ND	104	80-120	0.0644	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 18-19 Fed 84H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/16/24 14:01

- 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

<b>Client:</b> Pima Environmental Services <b>Project:</b> Fighting OXra 18-19 Feb 84 H <b>Project Manager:</b> Gio Gomez <b>Address:</b> 5614 N. Lovington Hwy. <b>City, State, Zip:</b> Hobbs, NM, 88240 <b>Phone:</b> 806-782-1151 <b>Email:</b> gio@pimaoil.com <b>Report due by:</b>					<b>Bill To</b> <b>Attention:</b> Devon <b>Address:</b> <b>City, State, Zip:</b> <b>Phone:</b> <b>Email:</b> <b>Pima Project #</b> 1-212					<b>Lab Use Only</b> <b>Lab WO#</b> E410103 <b>Job Number</b> 01058-0007 <b>Analysis and Method</b>					<b>TAT</b> 1D 2D 3D Standard X				<b>EPA Program</b> CWA SDWA RCRA	
										<b>State</b> NM CO UT AZ TX X				<b>Remarks</b>						
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	BDOC NM	BDOC TX							
11:03	10/8	S		56-1'	1							X								
11:09				56-2'	2															
11:14				56-3'	3															
11:26				56-4'	4															
11:31				57-1'	5															
11:40				57-2'	6															
11:47				57-3'	7															
11:52				57-4'	8															
11:59				58-1'	9															
12:08				58-2'	10															
<b>Additional Instructions:</b> Billing # 21136919																				
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 Received on ice: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N												
Michelle Gonzales		10/10/24	1230	Michelle Gonzales		10/10/24	1230	T1 T2 T3												
J.H.		10.10.24	1500	J.H.		10-10-24	1700	AVG Temp °C 41												
J.H.		10.10.24	2315	J.H.		10-10-24	0800	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 4 of 11

Client: Pima Environmental Services					Bill To		Lab Use Only								TAT				EPA Program	
Project: <u>Fighting Okra 18-19 Fed 844</u>					Attention: <u>Devon</u>		Lab WO# <u>E410103</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>1-212</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						
12:20	10/8	S		S8-3'	11							X								
12:25				S8 4'	12															
12:31				S9-1'	13															
12:36				S9-2'	14															
12:49				S9-3'	15															
12:51				S9-4'	16															
12:56				S10-1'	17															
1:17				S10-2'	18															
1:21				S10-3'	19															
1:23				S10-4'	20															

**Additional Instructions:** Billing # 21136919

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
<u>Kurime Adams</u>	<u>10/10/24</u>	<u>1230</u>	<u>Michelle Gonzales</u>	<u>10-10-24</u>	<u>1230</u>
<u>Michelle Gonzales</u>	<u>10-10-24</u>	<u>1500</u>	<u>A.M.</u>	<u>10-10-24</u>	<u>1700</u>
<u>A.M.</u>	<u>10-10-24</u>	<u>2315</u>	<u>Stb</u>	<u>10-11-24</u>	<u>0800</u>

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

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

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

## Envirotech Analytical Laboratory

Printed: 10/11/2024 9:43:10AM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	10/11/24 08:00	Work Order ID:	E410103
Phone:	(575) 631-6977	Date Logged In:	10/10/24 15:33	Logged In By:	Raina Schwanz
Email:	gio@pimaoil.com	Due Date:	10/17/24 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/Resolution

Number of containers and sampler not marked on COC. Project Fighting Okra 19-18 Fed 84H has been separated into multiple WOs due to high sample volume, WOs are E410102-E410106.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:  
Gio Gomez



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Fighting Okra 18-19 Fed 84H

Work Order: E410104

Job Number: 01058-0007

Received: 10/11/2024

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
10/17/24

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: 10/17/24

Gio Gomez  
PO Box 247  
Plains, TX 79355-0247



Project Name: Fighting Okra 18-19 Fed 84H  
Workorder: E410104  
Date Received: 10/11/2024 8:00:34AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/11/2024 8:00:34AM, under the Project Name: Fighting Okra 18-19 Fed 84H.

The analytical test results summarized in this report with the Project Name: Fighting Okra 18-19 Fed 84H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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



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## Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/17/24 09:05

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S11 - 1'	E410104-01A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S11 - 2'	E410104-02A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S11 - 3'	E410104-03A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S11 - 4'	E410104-04A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S12 - 1'	E410104-05A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S12 - 2'	E410104-06A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S12 - 3'	E410104-07A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S12 - 4'	E410104-08A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S13 - 1'	E410104-09A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S13 - 2'	E410104-10A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S13 - 3'	E410104-11A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S13 - 4'	E410104-12A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S14 - 1'	E410104-13A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S14 - 2'	E410104-14A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S14 - 3'	E410104-15A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S14 - 4'	E410104-16A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S15 - 1'	E410104-17A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S15 - 2'	E410104-18A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S15 - 3'	E410104-19A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S15 - 4'	E410104-20A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
10/17/2024 9:05:25AM

S11 - 1'

E410104-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2441099
Benzene	ND	0.0250	1	10/11/24	10/14/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/14/24	
Toluene	ND	0.0250	1	10/11/24	10/14/24	
o-Xylene	ND	0.0250	1	10/11/24	10/14/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/14/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/14/24	
Surrogate: Bromofluorobenzene		118 %	70-130	10/11/24	10/14/24	
Surrogate: 1,2-Dichloroethane-d4		93.9 %	70-130	10/11/24	10/14/24	
Surrogate: Toluene-d8		109 %	70-130	10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2441099
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/14/24	
Surrogate: Bromofluorobenzene		118 %	70-130	10/11/24	10/14/24	
Surrogate: 1,2-Dichloroethane-d4		93.9 %	70-130	10/11/24	10/14/24	
Surrogate: Toluene-d8		109 %	70-130	10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2441104
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
Surrogate: n-Nonane		101 %	50-200	10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2441097
Chloride	38.9	20.0	1	10/11/24	10/11/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
10/17/2024 9:05:25AM

S11- 2'

E410104-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2441099
Benzene	ND	0.0250	1	10/11/24	10/14/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/14/24	
Toluene	ND	0.0250	1	10/11/24	10/14/24	
o-Xylene	ND	0.0250	1	10/11/24	10/14/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/14/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/14/24	
Surrogate: Bromofluorobenzene		117 %	70-130	10/11/24	10/14/24	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130	10/11/24	10/14/24	
Surrogate: Toluene-d8		111 %	70-130	10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2441099
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/14/24	
Surrogate: Bromofluorobenzene		117 %	70-130	10/11/24	10/14/24	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130	10/11/24	10/14/24	
Surrogate: Toluene-d8		111 %	70-130	10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2441104
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
Surrogate: n-Nonane		99.1 %	50-200	10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2441097
Chloride	ND	20.0	1	10/11/24	10/11/24	





## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
10/17/2024 9:05:25AM

S11 - 3'

E410104-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2441099
Benzene	ND	0.0250	1	10/11/24	10/14/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/14/24	
Toluene	ND	0.0250	1	10/11/24	10/14/24	
o-Xylene	ND	0.0250	1	10/11/24	10/14/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/14/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/14/24	
Surrogate: Bromofluorobenzene		116 %	70-130	10/11/24	10/14/24	
Surrogate: 1,2-Dichloroethane-d4		94.0 %	70-130	10/11/24	10/14/24	
Surrogate: Toluene-d8		111 %	70-130	10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2441099
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/14/24	
Surrogate: Bromofluorobenzene		116 %	70-130	10/11/24	10/14/24	
Surrogate: 1,2-Dichloroethane-d4		94.0 %	70-130	10/11/24	10/14/24	
Surrogate: Toluene-d8		111 %	70-130	10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2441104
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
Surrogate: n-Nonane		106 %	50-200	10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2441097
Chloride	ND	20.0	1	10/11/24	10/11/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
10/17/2024 9:05:25AM

S11 - 4'

E410104-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2441099
Benzene	ND	0.0250	1	10/11/24	10/14/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/14/24	
Toluene	ND	0.0250	1	10/11/24	10/14/24	
o-Xylene	ND	0.0250	1	10/11/24	10/14/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/14/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/14/24	
Surrogate: Bromofluorobenzene		116 %	70-130	10/11/24	10/14/24	
Surrogate: 1,2-Dichloroethane-d4		94.9 %	70-130	10/11/24	10/14/24	
Surrogate: Toluene-d8		111 %	70-130	10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2441099
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/14/24	
Surrogate: Bromofluorobenzene		116 %	70-130	10/11/24	10/14/24	
Surrogate: 1,2-Dichloroethane-d4		94.9 %	70-130	10/11/24	10/14/24	
Surrogate: Toluene-d8		111 %	70-130	10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2441104
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
Surrogate: n-Nonane		106 %	50-200	10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2441097
Chloride	ND	20.0	1	10/11/24	10/11/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported: 10/17/2024 9:05:25AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S12 - 1'  
E410104-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2441099	
Benzene	ND	0.0250	1	10/11/24	10/14/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/14/24	
Toluene	ND	0.0250	1	10/11/24	10/14/24	
o-Xylene	ND	0.0250	1	10/11/24	10/14/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/14/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/14/24	
Surrogate: Bromofluorobenzene		118 %	70-130	10/11/24	10/14/24	
Surrogate: 1,2-Dichloroethane-d4		94.7 %	70-130	10/11/24	10/14/24	
Surrogate: Toluene-d8		110 %	70-130	10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2441099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/14/24	
Surrogate: Bromofluorobenzene		118 %	70-130	10/11/24	10/14/24	
Surrogate: 1,2-Dichloroethane-d4		94.7 %	70-130	10/11/24	10/14/24	
Surrogate: Toluene-d8		110 %	70-130	10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2441104	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
Surrogate: n-Nonane		98.5 %	50-200	10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2441097	
Chloride	40.3	20.0	1	10/11/24	10/11/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported: 10/17/2024 9:05:25AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S12 - 2'

E410104-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2441099
Benzene	ND	0.0250	1	10/11/24	10/14/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/14/24	
Toluene	ND	0.0250	1	10/11/24	10/14/24	
o-Xylene	ND	0.0250	1	10/11/24	10/14/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/14/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/14/24	
Surrogate: Bromofluorobenzene		114 %	70-130	10/11/24	10/14/24	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130	10/11/24	10/14/24	
Surrogate: Toluene-d8		111 %	70-130	10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2441099
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/14/24	
Surrogate: Bromofluorobenzene		114 %	70-130	10/11/24	10/14/24	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130	10/11/24	10/14/24	
Surrogate: Toluene-d8		111 %	70-130	10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2441104
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
Surrogate: n-Nonane		107 %	50-200	10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2441097
Chloride	ND	20.0	1	10/11/24	10/11/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported: 10/17/2024 9:05:25AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S12 - 3'

E410104-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2441099
Benzene	ND	0.0250	1	10/11/24	10/15/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/15/24	
Toluene	ND	0.0250	1	10/11/24	10/15/24	
o-Xylene	ND	0.0250	1	10/11/24	10/15/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/15/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/15/24	
Surrogate: Bromofluorobenzene		116 %	70-130	10/11/24	10/15/24	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130	10/11/24	10/15/24	
Surrogate: Toluene-d8		110 %	70-130	10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2441099
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/15/24	
Surrogate: Bromofluorobenzene		116 %	70-130	10/11/24	10/15/24	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130	10/11/24	10/15/24	
Surrogate: Toluene-d8		110 %	70-130	10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2441104
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
Surrogate: n-Nonane		102 %	50-200	10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2441097
Chloride	ND	20.0	1	10/11/24	10/11/24	





## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
10/17/2024 9:05:25AM

S12 - 4'

E410104-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2441099
Benzene	ND	0.0250	1	10/11/24	10/15/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/15/24	
Toluene	ND	0.0250	1	10/11/24	10/15/24	
o-Xylene	ND	0.0250	1	10/11/24	10/15/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/15/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/15/24	
Surrogate: Bromofluorobenzene		117 %	70-130	10/11/24	10/15/24	
Surrogate: 1,2-Dichloroethane-d4		96.0 %	70-130	10/11/24	10/15/24	
Surrogate: Toluene-d8		110 %	70-130	10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2441099
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/15/24	
Surrogate: Bromofluorobenzene		117 %	70-130	10/11/24	10/15/24	
Surrogate: 1,2-Dichloroethane-d4		96.0 %	70-130	10/11/24	10/15/24	
Surrogate: Toluene-d8		110 %	70-130	10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2441104
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
Surrogate: n-Nonane		89.0 %	50-200	10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2441097
Chloride	ND	20.0	1	10/11/24	10/11/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported: 10/17/2024 9:05:25AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S13 - I'  
E410104-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2441099	
Benzene	ND	0.0250	1	10/11/24	10/15/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/15/24	
Toluene	ND	0.0250	1	10/11/24	10/15/24	
o-Xylene	ND	0.0250	1	10/11/24	10/15/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/15/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/15/24	
Surrogate: Bromofluorobenzene		116 %	70-130	10/11/24	10/15/24	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130	10/11/24	10/15/24	
Surrogate: Toluene-d8		111 %	70-130	10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2441099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/15/24	
Surrogate: Bromofluorobenzene		116 %	70-130	10/11/24	10/15/24	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130	10/11/24	10/15/24	
Surrogate: Toluene-d8		111 %	70-130	10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2441104	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
Surrogate: n-Nonane		80.9 %	50-200	10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2441097	
Chloride	40.4	20.0	1	10/11/24	10/12/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
10/17/2024 9:05:25AM

S13 - 2'

E410104-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2441099
Benzene	ND	0.0250	1	10/11/24	10/15/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/15/24	
Toluene	ND	0.0250	1	10/11/24	10/15/24	
o-Xylene	ND	0.0250	1	10/11/24	10/15/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/15/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/15/24	
Surrogate: Bromofluorobenzene		115 %	70-130	10/11/24	10/15/24	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130	10/11/24	10/15/24	
Surrogate: Toluene-d8		110 %	70-130	10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2441099
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/15/24	
Surrogate: Bromofluorobenzene		115 %	70-130	10/11/24	10/15/24	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130	10/11/24	10/15/24	
Surrogate: Toluene-d8		110 %	70-130	10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2441104
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
Surrogate: n-Nonane		86.7 %	50-200	10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2441097
Chloride	ND	20.0	1	10/11/24	10/12/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
10/17/2024 9:05:25AM

S13 - 3'

E410104-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2441099
Benzene	ND	0.0250	1	10/11/24	10/15/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/15/24	
Toluene	ND	0.0250	1	10/11/24	10/15/24	
o-Xylene	ND	0.0250	1	10/11/24	10/15/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/15/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/15/24	
Surrogate: Bromofluorobenzene		117 %	70-130	10/11/24	10/15/24	
Surrogate: 1,2-Dichloroethane-d4		94.5 %	70-130	10/11/24	10/15/24	
Surrogate: Toluene-d8		110 %	70-130	10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2441099
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/15/24	
Surrogate: Bromofluorobenzene		117 %	70-130	10/11/24	10/15/24	
Surrogate: 1,2-Dichloroethane-d4		94.5 %	70-130	10/11/24	10/15/24	
Surrogate: Toluene-d8		110 %	70-130	10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2441104
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
Surrogate: n-Nonane		54.9 %	50-200	10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2441097
Chloride	ND	20.0	1	10/11/24	10/12/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
10/17/2024 9:05:25AM

S13 - 4'

E410104-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2441099
Benzene	ND	0.0250	1	10/11/24	10/15/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/15/24	
Toluene	ND	0.0250	1	10/11/24	10/15/24	
o-Xylene	ND	0.0250	1	10/11/24	10/15/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/15/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/15/24	
Surrogate: Bromofluorobenzene		118 %	70-130	10/11/24	10/15/24	
Surrogate: 1,2-Dichloroethane-d4		93.6 %	70-130	10/11/24	10/15/24	
Surrogate: Toluene-d8		108 %	70-130	10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2441099
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/15/24	
Surrogate: Bromofluorobenzene		118 %	70-130	10/11/24	10/15/24	
Surrogate: 1,2-Dichloroethane-d4		93.6 %	70-130	10/11/24	10/15/24	
Surrogate: Toluene-d8		108 %	70-130	10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2441104
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
Surrogate: n-Nonane		83.5 %	50-200	10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2441097
Chloride	ND	20.0	1	10/11/24	10/12/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported: 10/17/2024 9:05:25AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S14 - 1'

E410104-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2441099
Benzene	ND	0.0250	1	10/11/24	10/15/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/15/24	
Toluene	ND	0.0250	1	10/11/24	10/15/24	
o-Xylene	ND	0.0250	1	10/11/24	10/15/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/15/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/15/24	
Surrogate: Bromofluorobenzene		115 %	70-130	10/11/24	10/15/24	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130	10/11/24	10/15/24	
Surrogate: Toluene-d8		111 %	70-130	10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2441099
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/15/24	
Surrogate: Bromofluorobenzene		115 %	70-130	10/11/24	10/15/24	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130	10/11/24	10/15/24	
Surrogate: Toluene-d8		111 %	70-130	10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2441104
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
Surrogate: n-Nonane		90.7 %	50-200	10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2441097
Chloride	33.8	20.0	1	10/11/24	10/12/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
10/17/2024 9:05:25AM

S14 - 2'

E410104-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2441099
Benzene	ND	0.0250	1	10/11/24	10/15/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/15/24	
Toluene	ND	0.0250	1	10/11/24	10/15/24	
o-Xylene	ND	0.0250	1	10/11/24	10/15/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/15/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/15/24	
Surrogate: Bromofluorobenzene		118 %	70-130	10/11/24	10/15/24	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130	10/11/24	10/15/24	
Surrogate: Toluene-d8		109 %	70-130	10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2441099
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/15/24	
Surrogate: Bromofluorobenzene		118 %	70-130	10/11/24	10/15/24	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130	10/11/24	10/15/24	
Surrogate: Toluene-d8		109 %	70-130	10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2441104
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
Surrogate: n-Nonane		89.2 %	50-200	10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2441097
Chloride	ND	20.0	1	10/11/24	10/12/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported: 10/17/2024 9:05:25AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S14 - 3'  
E410104-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2441099
Benzene	ND	0.0250	1	10/11/24	10/15/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/15/24	
Toluene	ND	0.0250	1	10/11/24	10/15/24	
o-Xylene	ND	0.0250	1	10/11/24	10/15/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/15/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/15/24	
Surrogate: Bromofluorobenzene		118 %	70-130	10/11/24	10/15/24	
Surrogate: 1,2-Dichloroethane-d4		93.4 %	70-130	10/11/24	10/15/24	
Surrogate: Toluene-d8		111 %	70-130	10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2441099
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/15/24	
Surrogate: Bromofluorobenzene		118 %	70-130	10/11/24	10/15/24	
Surrogate: 1,2-Dichloroethane-d4		93.4 %	70-130	10/11/24	10/15/24	
Surrogate: Toluene-d8		111 %	70-130	10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2441104
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
Surrogate: n-Nonane		87.7 %	50-200	10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2441097
Chloride	ND	20.0	1	10/11/24	10/12/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
10/17/2024 9:05:25AM

S14 - 4'

E410104-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2441099
Benzene	ND	0.0250	1	10/11/24	10/15/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/15/24	
Toluene	ND	0.0250	1	10/11/24	10/15/24	
o-Xylene	ND	0.0250	1	10/11/24	10/15/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/15/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/15/24	
Surrogate: Bromofluorobenzene		115 %	70-130	10/11/24	10/15/24	
Surrogate: 1,2-Dichloroethane-d4		94.9 %	70-130	10/11/24	10/15/24	
Surrogate: Toluene-d8		109 %	70-130	10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2441099
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/15/24	
Surrogate: Bromofluorobenzene		115 %	70-130	10/11/24	10/15/24	
Surrogate: 1,2-Dichloroethane-d4		94.9 %	70-130	10/11/24	10/15/24	
Surrogate: Toluene-d8		109 %	70-130	10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2441104
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
Surrogate: n-Nonane		87.9 %	50-200	10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2441097
Chloride	ND	20.0	1	10/11/24	10/12/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported: 10/17/2024 9:05:25AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S15 - 1'

E410104-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2441099
Benzene	ND	0.0250	1	10/11/24	10/16/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/16/24	
Toluene	ND	0.0250	1	10/11/24	10/16/24	
o-Xylene	ND	0.0250	1	10/11/24	10/16/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/16/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/16/24	
Surrogate: Bromofluorobenzene		114 %	70-130	10/11/24	10/16/24	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130	10/11/24	10/16/24	
Surrogate: Toluene-d8		108 %	70-130	10/11/24	10/16/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2441099
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/16/24	
Surrogate: Bromofluorobenzene		114 %	70-130	10/11/24	10/16/24	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130	10/11/24	10/16/24	
Surrogate: Toluene-d8		108 %	70-130	10/11/24	10/16/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2441104
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
Surrogate: n-Nonane		94.2 %	50-200	10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2441097
Chloride	40.2	20.0	1	10/11/24	10/12/24	





## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
10/17/2024 9:05:25AM

S15 - 2'

E410104-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2441099
Benzene	ND	0.0250	1	10/11/24	10/16/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/16/24	
Toluene	ND	0.0250	1	10/11/24	10/16/24	
o-Xylene	ND	0.0250	1	10/11/24	10/16/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/16/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/16/24	
Surrogate: Bromofluorobenzene		116 %	70-130	10/11/24	10/16/24	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130	10/11/24	10/16/24	
Surrogate: Toluene-d8		110 %	70-130	10/11/24	10/16/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2441099
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/16/24	
Surrogate: Bromofluorobenzene		116 %	70-130	10/11/24	10/16/24	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130	10/11/24	10/16/24	
Surrogate: Toluene-d8		110 %	70-130	10/11/24	10/16/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2441104
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
Surrogate: n-Nonane		89.1 %	50-200	10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2441097
Chloride	ND	20.0	1	10/11/24	10/12/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported: 10/17/2024 9:05:25AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S15 - 3'

E410104-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2441099	
Benzene	ND	0.0250	1	10/11/24	10/16/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/16/24	
Toluene	ND	0.0250	1	10/11/24	10/16/24	
o-Xylene	ND	0.0250	1	10/11/24	10/16/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/16/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/16/24	
Surrogate: Bromofluorobenzene		115 %	70-130	10/11/24	10/16/24	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130	10/11/24	10/16/24	
Surrogate: Toluene-d8		109 %	70-130	10/11/24	10/16/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2441099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/16/24	
Surrogate: Bromofluorobenzene		115 %	70-130	10/11/24	10/16/24	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130	10/11/24	10/16/24	
Surrogate: Toluene-d8		109 %	70-130	10/11/24	10/16/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2441104	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
Surrogate: n-Nonane		86.8 %	50-200	10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2441097	
Chloride	ND	20.0	1	10/11/24	10/12/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported: 10/17/2024 9:05:25AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S15 - 4'

E410104-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2441099	
Benzene	ND	0.0250	1	10/11/24	10/16/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/16/24	
Toluene	ND	0.0250	1	10/11/24	10/16/24	
o-Xylene	ND	0.0250	1	10/11/24	10/16/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/16/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/16/24	
Surrogate: Bromofluorobenzene		118 %	70-130	10/11/24	10/16/24	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130	10/11/24	10/16/24	
Surrogate: Toluene-d8		110 %	70-130	10/11/24	10/16/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2441099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/16/24	
Surrogate: Bromofluorobenzene		118 %	70-130	10/11/24	10/16/24	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130	10/11/24	10/16/24	
Surrogate: Toluene-d8		110 %	70-130	10/11/24	10/16/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2441104	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
Surrogate: n-Nonane		90.6 %	50-200	10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2441097	
Chloride	ND	20.0	1	10/11/24	10/12/24	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/17/2024 9:05:25AM

Volatile Organic Compounds by EPA 8260B

Analyst: BA

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

Blank (2441099-BLK1) Prepared: 10/11/24 Analyzed: 10/15/24

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	0.582		0.500		116	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.468		0.500		93.6	70-130			
Surrogate: Toluene-d8	0.548		0.500		110	70-130			

LCS (2441099-BS1) Prepared: 10/11/24 Analyzed: 10/15/24

Benzene	2.76	0.0250	2.50		110	70-130			
Ethylbenzene	2.65	0.0250	2.50		106	70-130			
Toluene	2.67	0.0250	2.50		107	70-130			
o-Xylene	2.72	0.0250	2.50		109	70-130			
p,m-Xylene	5.41	0.0500	5.00		108	70-130			
Total Xylenes	8.13	0.0250	7.50		108	70-130			
Surrogate: Bromofluorobenzene	0.604		0.500		121	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		96.9	70-130			
Surrogate: Toluene-d8	0.546		0.500		109	70-130			

Matrix Spike (2441099-MS1) Source: E410104-15 Prepared: 10/11/24 Analyzed: 10/15/24

Benzene	2.78	0.0250	2.50	ND	111	48-131			
Ethylbenzene	2.66	0.0250	2.50	ND	107	45-135			
Toluene	2.70	0.0250	2.50	ND	108	48-130			
o-Xylene	2.73	0.0250	2.50	ND	109	43-135			
p,m-Xylene	5.47	0.0500	5.00	ND	109	43-135			
Total Xylenes	8.20	0.0250	7.50	ND	109	43-135			
Surrogate: Bromofluorobenzene	0.586		0.500		117	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		99.9	70-130			
Surrogate: Toluene-d8	0.548		0.500		110	70-130			

Matrix Spike Dup (2441099-MSD1) Source: E410104-15 Prepared: 10/11/24 Analyzed: 10/15/24

Benzene	2.79	0.0250	2.50	ND	112	48-131	0.557	23	
Ethylbenzene	2.67	0.0250	2.50	ND	107	45-135	0.0188	27	
Toluene	2.68	0.0250	2.50	ND	107	48-130	0.726	24	
o-Xylene	2.80	0.0250	2.50	ND	112	43-135	2.66	27	
p,m-Xylene	5.58	0.0500	5.00	ND	112	43-135	1.93	27	
Total Xylenes	8.38	0.0250	7.50	ND	112	43-135	2.17	27	
Surrogate: Bromofluorobenzene	0.593		0.500		119	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.494		0.500		98.8	70-130			
Surrogate: Toluene-d8	0.533		0.500		107	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported:  10/17/2024 9:05:25AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

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
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Blank (2441099-BLK1) Prepared: 10/11/24 Analyzed: 10/15/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.582		0.500		116	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.468		0.500		93.6	70-130			
Surrogate: Toluene-d8	0.548		0.500		110	70-130			

LCS (2441099-BS2) Prepared: 10/11/24 Analyzed: 10/15/24

Gasoline Range Organics (C6-C10)	50.1	20.0	50.0		100	70-130			
Surrogate: Bromofluorobenzene	0.602		0.500		120	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.471		0.500		94.2	70-130			
Surrogate: Toluene-d8	0.540		0.500		108	70-130			

Matrix Spike (2441099-MS2) Source: E410104-15 Prepared: 10/11/24 Analyzed: 10/15/24

Gasoline Range Organics (C6-C10)	50.1	20.0	50.0	ND	100	70-130			
Surrogate: Bromofluorobenzene	0.592		0.500		118	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.3	70-130			
Surrogate: Toluene-d8	0.558		0.500		112	70-130			

Matrix Spike Dup (2441099-MSD2) Source: E410104-15 Prepared: 10/11/24 Analyzed: 10/15/24

Gasoline Range Organics (C6-C10)	50.1	20.0	50.0	ND	100	70-130	0.144	20	
Surrogate: Bromofluorobenzene	0.594		0.500		119	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.467		0.500		93.3	70-130			
Surrogate: Toluene-d8	0.552		0.500		110	70-130			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/17/2024 9:05:25AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

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

Blank (2441104-BLK1) Prepared: 10/11/24 Analyzed: 10/12/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.4		50.0		101	50-200			

LCS (2441104-BS1) Prepared: 10/11/24 Analyzed: 10/12/24

Diesel Range Organics (C10-C28)	210	25.0	250		84.0	38-132			
Surrogate: n-Nonane	42.4		50.0		84.7	50-200			

Matrix Spike (2441104-MS1) Source: E410104-05 Prepared: 10/11/24 Analyzed: 10/12/24

Diesel Range Organics (C10-C28)	213	25.0	250	ND	85.1	38-132			
Surrogate: n-Nonane	42.1		50.0		84.2	50-200			

Matrix Spike Dup (2441104-MSD1) Source: E410104-05 Prepared: 10/11/24 Analyzed: 10/12/24

Diesel Range Organics (C10-C28)	234	25.0	250	ND	93.6	38-132	9.48	20	
Surrogate: n-Nonane	43.5		50.0		87.0	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/17/2024 9:05:25AM

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 (2441097-BLK1)					Prepared: 10/11/24 Analyzed: 10/11/24				
Chloride	ND	20.0							
LCS (2441097-BS1)					Prepared: 10/11/24 Analyzed: 10/11/24				
Chloride	259	20.0	250		104	90-110			
Matrix Spike (2441097-MS1)					Source: E410104-04		Prepared: 10/11/24 Analyzed: 10/11/24		
Chloride	254	20.0	250	ND	102	80-120			
Matrix Spike Dup (2441097-MSD1)					Source: E410104-04		Prepared: 10/11/24 Analyzed: 10/11/24		
Chloride	255	20.0	250	ND	102	80-120	0.425	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 18-19 Fed 84H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/17/24 09:05

- 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 5 of 11

<b>Client:</b> Pima Environmental Services <b>Project:</b> Fighting OKra 18-19 Feb 84 H <b>Project Manager:</b> Gio Gomez <b>Address:</b> 5614 N. Lovington Hwy. <b>City, State, Zip:</b> Hobbs, NM. 88240 <b>Phone:</b> 806-782-1151 <b>Email:</b> gio@pimaoil.com <b>Report due by:</b>				<b>Bill To</b> <b>Attention:</b> Devon <b>Address:</b> <b>City, State, Zip:</b> <b>Phone:</b> <b>Email:</b> <b>Pima Project #</b> 1-212				<b>Lab Use Only</b> <b>Lab WO#</b> E410104 <b>Job Number</b> 01058-0007				<b>TAT</b> 1D 2D 3D Standard				<b>EPA Program</b> CWA SDWA	
				<b>Analysis and Method</b> DRO/ORO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0				BGDOC NM BGDOC TX				<b>State</b> NM CO UT AZ TX		RCRA			
												<b>Remarks</b>					
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				
1:30	10/8	S		S11-1'	1							X					
1:36				S11-2'	2												
1:42				S11-3'	3												
1:49				S11-4'	4												
1:56				S12-1'	5												
1:59				S12-2'	6												
2:07				S12-3'	7												
2:11				S12-4'	8												
2:17				S13-1'	9												
2:21				S13-2'	10												
<b>Additional Instructions:</b> Billing # 21136919																	
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 Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N									
Karime Adame		10/10/24	1230	Michelle Gonzales		10/10/24	1230										
Michelle Gonzales		10-10-24	1500	A.H.		10-10-24	1700	T1 T2 T3									
A.H.		10-10-24	2315	S.H.		10-11-24	0800	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.																	

## Project Information

## Chain of Custody

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<b>Client:</b> Pima Environmental Services		<b>Bill To</b>		<b>Lab Use Only</b>		<b>TAT</b>				<b>EPA Program</b>			
<b>Project:</b> Fighting OKra 18-19 Feb 84H		<b>Attention:</b> Devon		<b>Lab WO#</b> E410104		<b>Job Number</b> 01058-0057		1D	2D	3D	Standard	CWA	SDWA
<b>Project Manager:</b> Gio Gomez		<b>Address:</b>		<b>Analysis and Method</b>								RCRA	
<b>Address:</b> 5614 N. Lovington Hwy.		<b>City, State, Zip</b>		DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	State	
<b>City, State, Zip</b> Hobbs, NM. 88240		<b>Phone:</b>										NM	CO
<b>Phone:</b> 806-782-1151		<b>Email:</b>										UT	AZ
<b>Email:</b> gio@pimaoil.com		<b>Pima Project #</b> 1-212										TX	
<b>Report due by:</b>				<b>Remarks</b>									
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number								
2:28	10/8	S		S13-3'	11						X		
2:35				S13-4'	12								
2:41				S14-1'	13								
2:48				S14-2'	14								
2:56				S14-3'	15								
2:59				S14-4'	16								
3:08				S15-1'	17								
3:11				S15-2'	18								
3:20				S15-3'	19								
3:26				S15-4'	20								
<b>Additional Instructions:</b> Billing# 21136919													
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			
Kerime Hame		10/10/24	1230	Michelle Gonzales		10-10-24		1230		Received on ice: <input checked="" type="radio"/> N			
Michelle Gonzales		10-10-24	1500	J.M.		10-10-24		1700		T1 T2 T3			
J.M.		10-10-24	2315	[Signature]		10-11-24		0800		AVG Temp °C 41			
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other						Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA							
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.													



## Envirotech Analytical Laboratory

Printed: 10/11/2024 9:45:22AM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	10/11/24 08:00	Work Order ID:	E410104
Phone:	(575) 631-6977	Date Logged In:	10/10/24 15:34	Logged In By:	Raina Schwanz
Email:	gio@pimaoil.com	Due Date:	10/17/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/Resolution

Number of containers and sampler not marked on COC. Project Fighting Okra 19-18 Fed 84H has been separated into multiple WOs due to high sample volume, WOs are E410102-E410106.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

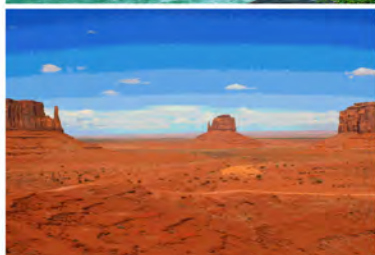
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:  
Gio Gomez



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Fighting Okra 18-19 Fed 84H

Work Order: E410105

Job Number: 01058-0007

Received: 10/11/2024

Revision: 2

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
10/15/24

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: 10/15/24

Gio Gomez  
PO Box 247  
Plains, TX 79355-0247



Project Name: Fighting Okra 18-19 Fed 84H  
Workorder: E410105  
Date Received: 10/11/2024 8:00:34AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/11/2024 8:00:34AM, under the Project Name: Fighting Okra 18-19 Fed 84H.

The analytical test results summarized in this report with the Project Name: Fighting Okra 18-19 Fed 84H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

**Raina Schwanz**  
Laboratory Administrator  
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Field Offices:

**Southern New Mexico Area**

**Lynn Jarboe**  
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**Michelle Gonzales**  
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Office: 505-421-LABS(5227)  
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[mgonzaless@envirotech-inc.com](mailto:mgonzaless@envirotech-inc.com)

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

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## Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/15/24 15:21

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S16 - 1'	E410105-01A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S16 - 2'	E410105-02A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S16 - 3'	E410105-03A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S16 - 4'	E410105-04A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S17 - 1'	E410105-05A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S17 - 2'	E410105-06A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S17 - 3'	E410105-07A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S17 - 4'	E410105-08A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S18 - 1'	E410105-09A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S18 - 2'	E410105-10A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S18 - 3'	E410105-11A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S18 - 4'	E410105-12A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S19 - 1'	E410105-13A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S19 - 2'	E410105-14A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S19 - 3'	E410105-15A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S19 - 4'	E410105-16A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S20 - 1'	E410105-17A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S20 - 2'	E410105-18A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S20 - 3'	E410105-19A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
S20 - 4'	E410105-20A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18-19 Fed 84H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 10/15/2024 3:21:09PM
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S16 - 1'  
E410105-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441100	
Benzene	ND	0.0250	1	10/11/24	10/14/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/14/24	
Toluene	ND	0.0250	1	10/11/24	10/14/24	
o-Xylene	ND	0.0250	1	10/11/24	10/14/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/14/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/14/24	
Surrogate: 4-Bromochlorobenzene-PID	89.2 %	70-130		10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441100	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	99.2 %	70-130		10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: AF		Batch: 2441112	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
Surrogate: n-Nonane	107 %	50-200		10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: WF		Batch: 2441110	
Chloride	89.7	20.0	1	10/11/24	10/11/24	

## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
10/15/2024 3:21:09PM

S16 - 2'

E410105-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441100	
Benzene	ND	0.0250	1	10/11/24	10/14/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/14/24	
Toluene	ND	0.0250	1	10/11/24	10/14/24	
o-Xylene	ND	0.0250	1	10/11/24	10/14/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/14/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/14/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.5 %	70-130		10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441100	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/14/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	100 %	70-130		10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: AF		Batch: 2441112	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
<i>Surrogate: n-Nonane</i>						
	107 %	50-200		10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: WF		Batch: 2441110	
Chloride	ND	20.0	1	10/11/24	10/12/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
10/15/2024 3:21:09PM

S16 - 3'

E410105-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441100	
Benzene	ND	0.0250	1	10/11/24	10/14/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/14/24	
Toluene	ND	0.0250	1	10/11/24	10/14/24	
o-Xylene	ND	0.0250	1	10/11/24	10/14/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/14/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/14/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.1 %	70-130		10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441100	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/14/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.0 %	70-130		10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: AF		Batch: 2441112	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
<i>Surrogate: n-Nonane</i>						
	105 %	50-200		10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: WF		Batch: 2441110	
Chloride	ND	20.0	1	10/11/24	10/12/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
10/15/2024 3:21:09PM

S16 - 4'

E410105-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441100	
Benzene	ND	0.0250	1	10/11/24	10/14/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/14/24	
Toluene	ND	0.0250	1	10/11/24	10/14/24	
o-Xylene	ND	0.0250	1	10/11/24	10/14/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/14/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/14/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.4 %	70-130		10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441100	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/14/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.7 %	70-130		10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: AF		Batch: 2441112	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
<i>Surrogate: n-Nonane</i>						
	102 %	50-200		10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: WF		Batch: 2441110	
Chloride	ND	20.0	1	10/11/24	10/12/24	





## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
10/15/2024 3:21:09PM

S17 - 1'

E410105-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441100	
Benzene	ND	0.0250	1	10/11/24	10/14/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/14/24	
Toluene	ND	0.0250	1	10/11/24	10/14/24	
o-Xylene	ND	0.0250	1	10/11/24	10/14/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/14/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/14/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.8 %	70-130		10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441100	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/14/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.3 %	70-130		10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: AF		Batch: 2441112	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
<i>Surrogate: n-Nonane</i>						
	109 %	50-200		10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: WF		Batch: 2441110	
Chloride	74.4	20.0	1	10/11/24	10/11/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	<b>Reported:</b> 10/15/2024 3:21:09PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S17 - 2'

E410105-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441100	
Benzene	ND	0.0250	1	10/11/24	10/14/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/14/24	
Toluene	ND	0.0250	1	10/11/24	10/14/24	
o-Xylene	ND	0.0250	1	10/11/24	10/14/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/14/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/14/24	
Surrogate: 4-Bromochlorobenzene-PID	89.6 %	70-130		10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441100	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	99.0 %	70-130		10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: AF		Batch: 2441112	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
Surrogate: n-Nonane	101 %	50-200		10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: WF		Batch: 2441110	
Chloride	ND	20.0	1	10/11/24	10/12/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
10/15/2024 3:21:09PM

S17 - 3'

E410105-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441100	
Benzene	ND	0.0250	1	10/11/24	10/14/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/14/24	
Toluene	ND	0.0250	1	10/11/24	10/14/24	
o-Xylene	ND	0.0250	1	10/11/24	10/14/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/14/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/14/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.4 %	70-130		10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441100	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/14/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.2 %	70-130		10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: AF		Batch: 2441112	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
<i>Surrogate: n-Nonane</i>						
	106 %	50-200		10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: WF		Batch: 2441110	
Chloride	ND	20.0	1	10/11/24	10/12/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
10/15/2024 3:21:09PM

S17 - 4'

E410105-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441100	
Benzene	ND	0.0250	1	10/11/24	10/14/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/14/24	
Toluene	ND	0.0250	1	10/11/24	10/14/24	
o-Xylene	ND	0.0250	1	10/11/24	10/14/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/14/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/14/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.3 %	70-130		10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441100	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/14/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.9 %	70-130		10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: AF		Batch: 2441112	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
<i>Surrogate: n-Nonane</i>						
	102 %	50-200		10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: WF		Batch: 2441110	
Chloride	ND	20.0	1	10/11/24	10/12/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
10/15/2024 3:21:09PM

S18 - 1'

E410105-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441100	
Benzene	ND	0.0250	1	10/11/24	10/14/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/14/24	
Toluene	ND	0.0250	1	10/11/24	10/14/24	
o-Xylene	ND	0.0250	1	10/11/24	10/14/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/14/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/14/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.1 %	70-130		10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441100	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/14/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.1 %	70-130		10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: AF		Batch: 2441112	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
<i>Surrogate: n-Nonane</i>						
	105 %	50-200		10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: WF		Batch: 2441110	
Chloride	39.1	20.0	1	10/11/24	10/12/24	





## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
10/15/2024 3:21:09PM

S18 - 2'

E410105-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441100	
Benzene	ND	0.0250	1	10/11/24	10/14/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/14/24	
Toluene	ND	0.0250	1	10/11/24	10/14/24	
o-Xylene	ND	0.0250	1	10/11/24	10/14/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/14/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/14/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.0 %	70-130		10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441100	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/14/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	99.1 %	70-130		10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: AF		Batch: 2441112	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
<i>Surrogate: n-Nonane</i>						
	104 %	50-200		10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: WF		Batch: 2441110	
Chloride	ND	20.0	1	10/11/24	10/12/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
10/15/2024 3:21:09PM

S18 - 3'

E410105-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441100	
Benzene	ND	0.0250	1	10/11/24	10/14/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/14/24	
Toluene	ND	0.0250	1	10/11/24	10/14/24	
o-Xylene	ND	0.0250	1	10/11/24	10/14/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/14/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/14/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.7 %	70-130		10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441100	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/14/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.6 %	70-130		10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: AF		Batch: 2441112	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
<i>Surrogate: n-Nonane</i>						
	104 %	50-200		10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: WF		Batch: 2441110	
Chloride	ND	20.0	1	10/11/24	10/12/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	<b>Reported:</b> 10/15/2024 3:21:09PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S18 - 4'

E410105-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441100	
Benzene	ND	0.0250	1	10/11/24	10/14/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/14/24	
Toluene	ND	0.0250	1	10/11/24	10/14/24	
o-Xylene	ND	0.0250	1	10/11/24	10/14/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/14/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/14/24	
Surrogate: 4-Bromochlorobenzene-PID	84.4 %	70-130		10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441100	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	99.7 %	70-130		10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: AF		Batch: 2441112	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
Surrogate: n-Nonane	105 %	50-200		10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: WF		Batch: 2441110	
Chloride	ND	20.0	1	10/11/24	10/12/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
10/15/2024 3:21:09PM

## S19 - 1'

## E410105-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441100	
Benzene	ND	0.0250	1	10/11/24	10/14/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/14/24	
Toluene	ND	0.0250	1	10/11/24	10/14/24	
o-Xylene	ND	0.0250	1	10/11/24	10/14/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/14/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/14/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.1 %	70-130		10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441100	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/14/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	99.4 %	70-130		10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: AF		Batch: 2441112	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
<i>Surrogate: n-Nonane</i>						
	103 %	50-200		10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: WF		Batch: 2441110	
Chloride	63.4	20.0	1	10/11/24	10/12/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
10/15/2024 3:21:09PM

S19 - 2'

E410105-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441100	
Benzene	ND	0.0250	1	10/11/24	10/14/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/14/24	
Toluene	ND	0.0250	1	10/11/24	10/14/24	
o-Xylene	ND	0.0250	1	10/11/24	10/14/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/14/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/14/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.3 %	70-130		10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441100	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/14/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.4 %	70-130		10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: AF		Batch: 2441112	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
<i>Surrogate: n-Nonane</i>						
	103 %	50-200		10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: WF		Batch: 2441110	
Chloride	ND	20.0	1	10/11/24	10/12/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
10/15/2024 3:21:09PM

S19 - 3'

E410105-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441100	
Benzene	ND	0.0250	1	10/11/24	10/14/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/14/24	
Toluene	ND	0.0250	1	10/11/24	10/14/24	
o-Xylene	ND	0.0250	1	10/11/24	10/14/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/14/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/14/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.5 %	70-130		10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441100	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/14/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	99.0 %	70-130		10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: AF		Batch: 2441112	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: WF		Batch: 2441110	
Chloride	ND	20.0	1	10/11/24	10/12/24	





## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
10/15/2024 3:21:09PM

S19 - 4'

E410105-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441100	
Benzene	ND	0.0250	1	10/11/24	10/14/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/14/24	
Toluene	ND	0.0250	1	10/11/24	10/14/24	
o-Xylene	ND	0.0250	1	10/11/24	10/14/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/14/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/14/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.6 %	70-130		10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441100	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/14/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.8 %	70-130		10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: AF		Batch: 2441112	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/13/24	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		10/11/24	10/13/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: WF		Batch: 2441110	
Chloride	ND	20.0	1	10/11/24	10/12/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
10/15/2024 3:21:09PM

## S20 - 1'

## E410105-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441100	
Benzene	ND	0.0250	1	10/11/24	10/14/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/14/24	
Toluene	ND	0.0250	1	10/11/24	10/14/24	
o-Xylene	ND	0.0250	1	10/11/24	10/14/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/14/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/14/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.1 %	70-130		10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441100	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/14/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	99.7 %	70-130		10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: AF		Batch: 2441112	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/13/24	
<i>Surrogate: n-Nonane</i>						
	107 %	50-200		10/11/24	10/13/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: WF		Batch: 2441110	
Chloride	70.0	20.0	1	10/11/24	10/12/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	<b>Reported:</b> 10/15/2024 3:21:09PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S20 - 2'

E410105-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441100	
Benzene	ND	0.0250	1	10/11/24	10/14/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/14/24	
Toluene	ND	0.0250	1	10/11/24	10/14/24	
o-Xylene	ND	0.0250	1	10/11/24	10/14/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/14/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/14/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.0 %	70-130		10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441100	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/14/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.8 %	70-130		10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: AF		Batch: 2441112	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/13/24	
<i>Surrogate: n-Nonane</i>						
	98.2 %	50-200		10/11/24	10/13/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: WF		Batch: 2441110	
Chloride	ND	20.0	1	10/11/24	10/12/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
10/15/2024 3:21:09PM

S20 - 3'

E410105-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441100	
Benzene	ND	0.0250	1	10/11/24	10/14/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/14/24	
Toluene	ND	0.0250	1	10/11/24	10/14/24	
o-Xylene	ND	0.0250	1	10/11/24	10/14/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/14/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/14/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.4 %	70-130		10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441100	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/14/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.1 %	70-130		10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: AF		Batch: 2441112	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/13/24	
<i>Surrogate: n-Nonane</i>						
	106 %	50-200		10/11/24	10/13/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: WF		Batch: 2441110	
Chloride	ND	20.0	1	10/11/24	10/12/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	<b>Reported:</b> 10/15/2024 3:21:09PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S20 - 4'

E410105-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441100	
Benzene	ND	0.0250	1	10/11/24	10/14/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/14/24	
Toluene	ND	0.0250	1	10/11/24	10/14/24	
o-Xylene	ND	0.0250	1	10/11/24	10/14/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/14/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/14/24	
Surrogate: 4-Bromochlorobenzene-PID	85.5 %	70-130		10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441100	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	99.2 %	70-130		10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: AF		Batch: 2441112	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/13/24	
Surrogate: n-Nonane	104 %	50-200		10/11/24	10/13/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: WF		Batch: 2441110	
Chloride	ND	20.0	1	10/11/24	10/12/24	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/15/2024 3:21:09PM

Volatile Organics by EPA 8021B

Analyst: CG

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2441100-BLK1)

Prepared: 10/11/24 Analyzed: 10/14/24

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	6.79		8.00		84.9	70-130			

LCS (2441100-BS1)

Prepared: 10/11/24 Analyzed: 10/14/24

Benzene	5.22	0.0250	5.00		104	70-130			
Ethylbenzene	5.05	0.0250	5.00		101	70-130			
Toluene	5.18	0.0250	5.00		104	70-130			
o-Xylene	5.06	0.0250	5.00		101	70-130			
p,m-Xylene	10.2	0.0500	10.0		102	70-130			
Total Xylenes	15.2	0.0250	15.0		102	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.85		8.00		85.6	70-130			

Matrix Spike (2441100-MS1)

Source: E410105-07

Prepared: 10/11/24 Analyzed: 10/14/24

Benzene	4.96	0.0250	5.00	ND	99.3	54-133			
Ethylbenzene	4.78	0.0250	5.00	ND	95.6	61-133			
Toluene	4.90	0.0250	5.00	ND	98.0	61-130			
o-Xylene	4.77	0.0250	5.00	ND	95.5	63-131			
p,m-Xylene	9.71	0.0500	10.0	ND	97.1	63-131			
Total Xylenes	14.5	0.0250	15.0	ND	96.5	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.13		8.00		89.1	70-130			

Matrix Spike Dup (2441100-MSD1)

Source: E410105-07

Prepared: 10/11/24 Analyzed: 10/14/24

Benzene	5.08	0.0250	5.00	ND	102	54-133	2.33	20	
Ethylbenzene	4.89	0.0250	5.00	ND	97.9	61-133	2.39	20	
Toluene	5.01	0.0250	5.00	ND	100	61-130	2.26	20	
o-Xylene	4.90	0.0250	5.00	ND	97.9	63-131	2.53	20	
p,m-Xylene	9.93	0.0500	10.0	ND	99.3	63-131	2.26	20	
Total Xylenes	14.8	0.0250	15.0	ND	98.8	63-131	2.35	20	
Surrogate: 4-Bromochlorobenzene-PID	7.10		8.00		88.8	70-130			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/15/2024 3:21:09PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: CG

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2441100-BLK1) Prepared: 10/11/24 Analyzed: 10/14/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.75		8.00		96.9	70-130			

LCS (2441100-BS2) Prepared: 10/11/24 Analyzed: 10/14/24

Gasoline Range Organics (C6-C10)	43.7	20.0	50.0		87.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.88		8.00		98.5	70-130			

Matrix Spike (2441100-MS2) Source: E410105-07 Prepared: 10/11/24 Analyzed: 10/14/24

Gasoline Range Organics (C6-C10)	42.6	20.0	50.0	ND	85.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.87		8.00		98.4	70-130			

Matrix Spike Dup (2441100-MSD2) Source: E410105-07 Prepared: 10/11/24 Analyzed: 10/14/24

Gasoline Range Organics (C6-C10)	42.9	20.0	50.0	ND	85.8	70-130	0.703	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.01		8.00		100	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/15/2024 3:21:09PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: AF

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2441112-BLK1)					Prepared: 10/11/24 Analyzed: 10/12/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	54.1		50.0		108	50-200			

LCS (2441112-BS1)					Prepared: 10/11/24 Analyzed: 10/12/24				
Diesel Range Organics (C10-C28)	292	25.0	250		117	38-132			
Surrogate: n-Nonane	55.2		50.0		110	50-200			

Matrix Spike (2441112-MS1)					Source: E410105-06		Prepared: 10/11/24 Analyzed: 10/12/24		
Diesel Range Organics (C10-C28)	268	25.0	250	ND	107	38-132			
Surrogate: n-Nonane	51.1		50.0		102	50-200			

Matrix Spike Dup (2441112-MSD1)					Source: E410105-06		Prepared: 10/11/24 Analyzed: 10/12/24		
Diesel Range Organics (C10-C28)	262	25.0	250	ND	105	38-132	2.25	20	
Surrogate: n-Nonane	50.3		50.0		101	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/15/2024 3:21:09PM

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 (2441110-BLK1)					Prepared: 10/11/24 Analyzed: 10/11/24				
Chloride	ND	20.0							
LCS (2441110-BS1)					Prepared: 10/11/24 Analyzed: 10/11/24				
Chloride	274	20.0	250		110	90-110			
Matrix Spike (2441110-MS1)					Source: E410105-05		Prepared: 10/11/24 Analyzed: 10/11/24		
Chloride	346	20.0	250	74.4	109	80-120			
Matrix Spike Dup (2441110-MSD1)					Source: E410105-05		Prepared: 10/11/24 Analyzed: 10/11/24		
Chloride	351	20.0	250	74.4	111	80-120	1.44	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 18-19 Fed 84H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/15/24 15:21

- 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.



Released to: Imaging 12/11/2024 1:17:51 PM

Received by: OCD: 12/11/2024 9:32:51 AM

Project Information

Chain of Custody

Client: Pima Environmental Services Project: <u>Fighting OKra 18-19 Fed 84H</u> Project Manager: <u>Gio Gomez</u> Address: <u>5614 N. Lovington Hwy.</u> City, State, Zip <u>Hobbs, NM. 88240</u> Phone: <u>806-782-1151</u> Email: <u>gio@pimaoil.com</u> Report due by: _____					Bill To Attention: <u>Devon</u> Address: _____ City, State, Zip _____ Phone: _____ Email: _____ Pima Project # <u>1-212</u>					Lab Use Only Lab WO# <u>E 410105</u> Job Number <u>01058-0007</u> 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 <u>X</u>				EPA Program CWA SDWA RCRA State NM CO UT AZ TX <u>X</u>			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number														Remarks			
3:30	10/8	S		S16-1'	1																	
3:38				S16-2'	2																	
3:41				S16-3'	3																	
3:47				S16-4'	4																	
3:58				S17-1'	5																	
4:06				S17-2'	6																	
4:10				S17-3'	7																	
4:13				S17-4'	8																	
4:17				S18-1'	9																	
4:26				S18-2'	10																	
Additional Instructions: <u>Billing# 21136919</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) <u>Kerime Adane</u>					Date <u>10/10/24</u>		Time <u>1230</u>		Received by: (Signature) <u>Michelle Gonzales</u>					Date <u>10/10/24</u>		Time <u>1230</u>		Lab Use Only Received on ice: <u>Y/N</u>				
Relinquished by: (Signature) <u>Michelle Gonzales</u>					Date <u>10-10-24</u>		Time <u>1500</u>		Received by: (Signature) <u>A.H.</u>					Date <u>10-10-24</u>		Time <u>1700</u>		T1 _____ T2 _____ T3 _____				
Relinquished by: (Signature) <u>A.H.</u>					Date <u>10-10-24</u>		Time <u>2315</u>		Received by: (Signature) <u>[Signature]</u>					Date <u>10-11-24</u>		Time <u>0800</u>		AVG Temp °C <u>4</u>				
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____										Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA												
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																						



Released to: Pima Environmental Services, 12/11/2024 1:17:51 PM

Received by: OCD: 12/11/2024 9:32:51 AM

Project Information

Chain of Custody

Client: Pima Environmental Services		Bill To		Lab Use Only				TAT				EPA Program	
Project: Fighting Oka 18-19 Feb 84H		Attention: Devon		Lab WO# E410105		Job Number 01558-007		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Gio Gomez		Address:		Analysis and Method								RCRA	
Address: 5614 N. Lovington Hwy.		City, State, Zip											
City, State, Zip Hobbs, NM, 88240		Phone:		DRO/ORO by 8015		GRO/DRO by 8015		BTEX by 8021		VOC by 8260		Metals 6010	
Phone: 806-782-1151		Email:		Chloride 300.0									
Email: gio@pimaoil.com		Pima Project # 1-212											
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
4:30	10/8	S		S18-3'	11							X		
4:35				S18-4'	12									
4:46				SM- 1'	13									
4:58				S19- 2'	14									
5:00				S19- 3'	15									
5:11				S19- 4'	16									
5:16				S20- 1'	17									
5:21				S20- 2'	18									
5:28				S20- 3'	19									
5:30				S20- 4	20									

Additional Instructions: Billing # 21136919					
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.					
Relinquished by: (Signature) Karime Adame			Received by: (Signature) Michelle Gonzales		
Date 10/10/24	Time 1230	Date 10/10/24	Time 1230	Lab Use Only	
Relinquished by: (Signature) Michelle Gonzales			Received by: (Signature) J.H.		
Date 10-10-24	Time 1500	Date 10-10-24	Time 1700	Received on ice: <input checked="" type="radio"/> N	
Relinquished by: (Signature) J.H.			Received by: (Signature) S.S.		
Date 10-10-24	Time 2315	Date 10-11-24	Time 0800	T1 T2 T3	
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other			Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA		
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.					





## Envirotech Analytical Laboratory

Printed: 10/11/2024 9:46:53AM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	10/11/24 08:00	Work Order ID:	E410105
Phone:	(575) 631-6977	Date Logged In:	10/10/24 15:35	Logged In By:	Raina Schwanz
Email:	gio@pimaoil.com	Due Date:	10/17/24 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/Resolution

Number of containers and sampler not marked on COC. Project Fighting Okra 19-18 Fed 84H has been separated into multiple WOs due to high sample volume, WOs are E410102-E410106.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:  
Gio Gomez



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Fighting Okra 18-19 Fed 84H

Work Order: E410106

Job Number: 01058-0007

Received: 10/11/2024

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
10/17/24

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: 10/17/24

Gio Gomez  
PO Box 247  
Plains, TX 79355-0247



Project Name: Fighting Okra 18-19 Fed 84H  
Workorder: E410106  
Date Received: 10/11/2024 8:00:34AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/11/2024 8:00:34AM, under the Project Name: Fighting Okra 18-19 Fed 84H.

The analytical test results summarized in this report with the Project Name: Fighting Okra 18-19 Fed 84H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

**Raina Schwanz**  
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[mgonzales@envirotech-inc.com](mailto:mgonzales@envirotech-inc.com)

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

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## Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/17/24 09:22

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW1	E410106-01A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
SW2	E410106-02A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
SW3	E410106-03A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
SW4	E410106-04A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
SW5	E410106-05A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
SW6	E410106-06A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
SW7	E410106-07A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
SW8	E410106-08A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
SW9	E410106-09A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
SW10	E410106-10A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
SW11	E410106-11A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
SW12	E410106-12A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
SW13	E410106-13A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
SW14	E410106-14A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
SW15	E410106-15A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
SW16	E410106-16A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
SW17	E410106-17A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
SW18	E410106-18A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
SW19	E410106-19A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
SW20	E410106-20A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.
BG1	E410106-21A	Soil	10/08/24	10/11/24	Glass Jar, 2 oz.





Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18-19 Fed 84H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 10/17/2024 9:22:13AM
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SW1  
E410106-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441106	
Benzene	ND	0.0250	1	10/11/24	10/14/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/14/24	
Toluene	ND	0.0250	1	10/11/24	10/14/24	
o-Xylene	ND	0.0250	1	10/11/24	10/14/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/14/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/14/24	
Surrogate: 4-Bromochlorobenzene-PID	99.3 %	70-130		10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441106	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	93.7 %	70-130		10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2441114	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
Surrogate: n-Nonane	103 %	50-200		10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: JM		Batch: 2441113	
Chloride	ND	20.0	1	10/11/24	10/12/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	<b>Reported:</b> 10/17/2024 9:22:13AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW2

E410106-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441106	
Benzene	ND	0.0250	1	10/11/24	10/14/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/14/24	
Toluene	ND	0.0250	1	10/11/24	10/14/24	
o-Xylene	ND	0.0250	1	10/11/24	10/14/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/14/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/14/24	
Surrogate: 4-Bromochlorobenzene-PID	99.8 %	70-130		10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441106	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	94.2 %	70-130		10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2441114	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
Surrogate: n-Nonane	107 %	50-200		10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: JM		Batch: 2441113	
Chloride	ND	20.0	1	10/11/24	10/12/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	<b>Reported:</b> 10/17/2024 9:22:13AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW3

E410106-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441106	
Benzene	ND	0.0250	1	10/11/24	10/14/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/14/24	
Toluene	ND	0.0250	1	10/11/24	10/14/24	
o-Xylene	ND	0.0250	1	10/11/24	10/14/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/14/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/14/24	
Surrogate: 4-Bromochlorobenzene-PID	102 %	70-130		10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441106	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	93.8 %	70-130		10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2441114	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
Surrogate: n-Nonane	105 %	50-200		10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: JM		Batch: 2441113	
Chloride	ND	20.0	1	10/11/24	10/12/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
10/17/2024 9:22:13AM

## SW4

## E410106-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441106	
Benzene	ND	0.0250	1	10/11/24	10/14/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/14/24	
Toluene	ND	0.0250	1	10/11/24	10/14/24	
o-Xylene	ND	0.0250	1	10/11/24	10/14/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/14/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/14/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441106	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/14/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.2 %	70-130	10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2441114	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
<i>Surrogate: n-Nonane</i>						
		104 %	50-200	10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2441113	
Chloride	ND	20.0	1	10/11/24	10/12/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	<b>Reported:</b> 10/17/2024 9:22:13AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW5

E410106-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441106	
Benzene	ND	0.0250	1	10/11/24	10/14/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/14/24	
Toluene	ND	0.0250	1	10/11/24	10/14/24	
o-Xylene	ND	0.0250	1	10/11/24	10/14/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/14/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/14/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441106	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/14/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.4 %	70-130	10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2441114	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
<i>Surrogate: n-Nonane</i>		107 %	50-200	10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: JM		Batch: 2441113	
Chloride	ND	20.0	1	10/11/24	10/12/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported: 10/17/2024 9:22:13AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW6

E410106-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441106	
Benzene	ND	0.0250	1	10/11/24	10/14/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/14/24	
Toluene	ND	0.0250	1	10/11/24	10/14/24	
o-Xylene	ND	0.0250	1	10/11/24	10/14/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/14/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/14/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.7 %	70-130		10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441106	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/14/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.5 %	70-130		10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2441114	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
<i>Surrogate: n-Nonane</i>						
	103 %	50-200		10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2441113	
Chloride	ND	20.0	1	10/11/24	10/12/24	





Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18-19 Fed 84H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 10/17/2024 9:22:13AM
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SW7

E410106-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441106	
Benzene	ND	0.0250	1	10/11/24	10/14/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/14/24	
Toluene	ND	0.0250	1	10/11/24	10/14/24	
o-Xylene	ND	0.0250	1	10/11/24	10/14/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/14/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/14/24	
Surrogate: 4-Bromochlorobenzene-PID	103 %	70-130		10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441106	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	94.0 %	70-130		10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2441114	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
Surrogate: n-Nonane	105 %	50-200		10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: JM		Batch: 2441113	
Chloride	ND	20.0	1	10/11/24	10/12/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	<b>Reported:</b> 10/17/2024 9:22:13AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW8

E410106-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441106	
Benzene	ND	0.0250	1	10/11/24	10/14/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/14/24	
Toluene	ND	0.0250	1	10/11/24	10/14/24	
o-Xylene	ND	0.0250	1	10/11/24	10/14/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/14/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/14/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441106	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/14/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.1 %	70-130	10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2441114	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
<i>Surrogate: n-Nonane</i>						
		103 %	50-200	10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2441113	
Chloride	ND	20.0	1	10/11/24	10/12/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	<b>Reported:</b> 10/17/2024 9:22:13AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW9

E410106-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441106	
Benzene	ND	0.0250	1	10/11/24	10/14/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/14/24	
Toluene	ND	0.0250	1	10/11/24	10/14/24	
o-Xylene	ND	0.0250	1	10/11/24	10/14/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/14/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/14/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	102 %	70-130		10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441106	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/14/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.9 %	70-130		10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2441114	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2441113	
Chloride	ND	20.0	1	10/11/24	10/12/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
10/17/2024 9:22:13AM

## SW10

## E410106-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441106	
Benzene	ND	0.0250	1	10/11/24	10/14/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/14/24	
Toluene	ND	0.0250	1	10/11/24	10/14/24	
o-Xylene	ND	0.0250	1	10/11/24	10/14/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/14/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/14/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441106	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/14/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		95.0 %	70-130	10/11/24	10/14/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2441114	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
<i>Surrogate: n-Nonane</i>						
		99.4 %	50-200	10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2441113	
Chloride	ND	20.0	1	10/11/24	10/12/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	<b>Reported:</b> 10/17/2024 9:22:13AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW11

E410106-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441106	
Benzene	ND	0.0250	1	10/11/24	10/15/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/15/24	
Toluene	ND	0.0250	1	10/11/24	10/15/24	
o-Xylene	ND	0.0250	1	10/11/24	10/15/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/15/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/15/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441106	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/15/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.2 %	70-130	10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2441114	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
<i>Surrogate: n-Nonane</i>						
		109 %	50-200	10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2441113	
Chloride	ND	20.0	1	10/11/24	10/12/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
10/17/2024 9:22:13AM

## SW12

## E410106-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441106	
Benzene	ND	0.0250	1	10/11/24	10/15/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/15/24	
Toluene	ND	0.0250	1	10/11/24	10/15/24	
o-Xylene	ND	0.0250	1	10/11/24	10/15/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/15/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/15/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441106	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/15/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.1 %	70-130	10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2441114	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
<i>Surrogate: n-Nonane</i>						
		111 %	50-200	10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2441113	
Chloride	ND	20.0	1	10/11/24	10/12/24	





## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
10/17/2024 9:22:13AM

## SW13

## E410106-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441106	
Benzene	ND	0.0250	1	10/11/24	10/15/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/15/24	
Toluene	ND	0.0250	1	10/11/24	10/15/24	
o-Xylene	ND	0.0250	1	10/11/24	10/15/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/15/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/15/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441106	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/15/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.6 %	70-130	10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2441114	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
<i>Surrogate: n-Nonane</i>						
		106 %	50-200	10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2441113	
Chloride	ND	20.0	1	10/11/24	10/12/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
10/17/2024 9:22:13AM

## SW14

## E410106-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441106	
Benzene	ND	0.0250	1	10/11/24	10/15/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/15/24	
Toluene	ND	0.0250	1	10/11/24	10/15/24	
o-Xylene	ND	0.0250	1	10/11/24	10/15/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/15/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/15/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441106	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/15/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.6 %	70-130	10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2441114	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
<i>Surrogate: n-Nonane</i>						
		109 %	50-200	10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2441113	
Chloride	ND	20.0	1	10/11/24	10/12/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18-19 Fed 84H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 10/17/2024 9:22:13AM
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SW15

E410106-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441106	
Benzene	ND	0.0250	1	10/11/24	10/15/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/15/24	
Toluene	ND	0.0250	1	10/11/24	10/15/24	
o-Xylene	ND	0.0250	1	10/11/24	10/15/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/15/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/15/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441106	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/15/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.7 %	70-130	10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2441114	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
<i>Surrogate: n-Nonane</i>						
		104 %	50-200	10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2441113	
Chloride	ND	20.0	1	10/11/24	10/12/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	<b>Reported:</b> 10/17/2024 9:22:13AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW16

E410106-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441106	
Benzene	ND	0.0250	1	10/11/24	10/15/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/15/24	
Toluene	ND	0.0250	1	10/11/24	10/15/24	
o-Xylene	ND	0.0250	1	10/11/24	10/15/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/15/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/15/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441106	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/15/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.2 %	70-130	10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2441114	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/12/24	
<i>Surrogate: n-Nonane</i>						
		111 %	50-200	10/11/24	10/12/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2441113	
Chloride	ND	20.0	1	10/11/24	10/12/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	<b>Reported:</b> 10/17/2024 9:22:13AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW17

E410106-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441106	
Benzene	ND	0.0250	1	10/11/24	10/15/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/15/24	
Toluene	ND	0.0250	1	10/11/24	10/15/24	
o-Xylene	ND	0.0250	1	10/11/24	10/15/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/15/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/15/24	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441106	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.2 %	70-130	10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2441114	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/13/24	
Surrogate: n-Nonane		107 %	50-200	10/11/24	10/13/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: JM		Batch: 2441113	
Chloride	ND	20.0	1	10/11/24	10/12/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
10/17/2024 9:22:13AM

## SW18

## E410106-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441106	
Benzene	ND	0.0250	1	10/11/24	10/15/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/15/24	
Toluene	ND	0.0250	1	10/11/24	10/15/24	
o-Xylene	ND	0.0250	1	10/11/24	10/15/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/15/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/15/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441106	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/15/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.7 %	70-130	10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2441114	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/13/24	
<i>Surrogate: n-Nonane</i>						
		105 %	50-200	10/11/24	10/13/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2441113	
Chloride	ND	20.0	1	10/11/24	10/12/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	<b>Reported:</b> 10/17/2024 9:22:13AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW19

E410106-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441106	
Benzene	ND	0.0250	1	10/11/24	10/15/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/15/24	
Toluene	ND	0.0250	1	10/11/24	10/15/24	
o-Xylene	ND	0.0250	1	10/11/24	10/15/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/15/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/15/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2441106	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/15/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.4 %	70-130	10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2441114	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/13/24	
<i>Surrogate: n-Nonane</i>		108 %	50-200	10/11/24	10/13/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: JM		Batch: 2441113	
Chloride	ND	20.0	1	10/11/24	10/12/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
10/17/2024 9:22:13AM

## SW20

## E410106-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441106	
Benzene	ND	0.0250	1	10/11/24	10/15/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/15/24	
Toluene	ND	0.0250	1	10/11/24	10/15/24	
o-Xylene	ND	0.0250	1	10/11/24	10/15/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/15/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/15/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2441106	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/15/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.6 %	70-130	10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2441114	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/13/24	
<i>Surrogate: n-Nonane</i>						
		107 %	50-200	10/11/24	10/13/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2441113	
Chloride	ND	20.0	1	10/11/24	10/12/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported: 10/17/2024 9:22:13AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

BG1

E410106-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2441107
Benzene	ND	0.0250	1	10/11/24	10/15/24	
Ethylbenzene	ND	0.0250	1	10/11/24	10/15/24	
Toluene	ND	0.0250	1	10/11/24	10/15/24	
o-Xylene	ND	0.0250	1	10/11/24	10/15/24	
p,m-Xylene	ND	0.0500	1	10/11/24	10/15/24	
Total Xylenes	ND	0.0250	1	10/11/24	10/15/24	
Surrogate: Bromofluorobenzene		119 %	70-130	10/11/24	10/15/24	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130	10/11/24	10/15/24	
Surrogate: Toluene-d8		110 %	70-130	10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2441107
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/24	10/15/24	
Surrogate: Bromofluorobenzene		119 %	70-130	10/11/24	10/15/24	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130	10/11/24	10/15/24	
Surrogate: Toluene-d8		110 %	70-130	10/11/24	10/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2441115
Diesel Range Organics (C10-C28)	ND	25.0	1	10/11/24	10/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/11/24	10/13/24	
Surrogate: n-Nonane		99.3 %	50-200	10/11/24	10/13/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: WF		Batch: 2441116
Chloride	ND	20.0	1	10/11/24	10/12/24	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/17/2024 9:22:13AM

Volatile Organic Compounds by EPA 8260B

Analyst: BA

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

Blank (2441107-BLK1) Prepared: 10/11/24 Analyzed: 10/15/24

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	0.582		0.500		116	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.467		0.500		93.3	70-130			
Surrogate: Toluene-d8	0.546		0.500		109	70-130			

LCS (2441107-BS1) Prepared: 10/11/24 Analyzed: 10/16/24

Benzene	2.77	0.0250	2.50		111	70-130			
Ethylbenzene	2.61	0.0250	2.50		104	70-130			
Toluene	2.67	0.0250	2.50		107	70-130			
o-Xylene	2.75	0.0250	2.50		110	70-130			
p,m-Xylene	5.48	0.0500	5.00		110	70-130			
Total Xylenes	8.23	0.0250	7.50		110	70-130			
Surrogate: Bromofluorobenzene	0.594		0.500		119	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.490		0.500		98.0	70-130			
Surrogate: Toluene-d8	0.543		0.500		109	70-130			

Matrix Spike (2441107-MS1) Source: E410108-01 Prepared: 10/11/24 Analyzed: 10/16/24

Benzene	2.73	0.0250	2.50	ND	109	48-131			
Ethylbenzene	2.59	0.0250	2.50	ND	104	45-135			
Toluene	2.64	0.0250	2.50	ND	106	48-130			
o-Xylene	2.66	0.0250	2.50	ND	106	43-135			
p,m-Xylene	5.31	0.0500	5.00	ND	106	43-135			
Total Xylenes	7.97	0.0250	7.50	ND	106	43-135			
Surrogate: Bromofluorobenzene	0.585		0.500		117	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.465		0.500		93.0	70-130			
Surrogate: Toluene-d8	0.544		0.500		109	70-130			

Matrix Spike Dup (2441107-MSD1) Source: E410108-01 Prepared: 10/11/24 Analyzed: 10/16/24

Benzene	2.76	0.0250	2.50	ND	111	48-131	1.42	23	
Ethylbenzene	2.72	0.0250	2.50	ND	109	45-135	4.78	27	
Toluene	2.72	0.0250	2.50	ND	109	48-130	2.88	24	
o-Xylene	2.78	0.0250	2.50	ND	111	43-135	4.27	27	
p,m-Xylene	5.51	0.0500	5.00	ND	110	43-135	3.71	27	
Total Xylenes	8.29	0.0250	7.50	ND	110	43-135	3.89	27	
Surrogate: Bromofluorobenzene	0.595		0.500		119	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.488		0.500		97.5	70-130			
Surrogate: Toluene-d8	0.540		0.500		108	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/17/2024 9:22:13AM

Volatile Organics by EPA 8021B

Analyst: CG

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2441106-BLK1) Prepared: 10/11/24 Analyzed: 10/14/24

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	7.74		8.00		96.8	70-130			

LCS (2441106-BS1) Prepared: 10/11/24 Analyzed: 10/14/24

Benzene	5.46	0.0250	5.00		109	70-130			
Ethylbenzene	5.34	0.0250	5.00		107	70-130			
Toluene	5.43	0.0250	5.00		108	70-130			
o-Xylene	5.32	0.0250	5.00		106	70-130			
p,m-Xylene	10.9	0.0500	10.0		109	70-130			
Total Xylenes	16.2	0.0250	15.0		108	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.04		8.00		100	70-130			

Matrix Spike (2441106-MS1) Source: E410106-08 Prepared: 10/11/24 Analyzed: 10/14/24

Benzene	5.52	0.0250	5.00	ND	110	54-133			
Ethylbenzene	5.37	0.0250	5.00	ND	107	61-133			
Toluene	5.47	0.0250	5.00	ND	109	61-130			
o-Xylene	5.36	0.0250	5.00	ND	107	63-131			
p,m-Xylene	10.9	0.0500	10.0	ND	109	63-131			
Total Xylenes	16.3	0.0250	15.0	ND	109	63-131			
Surrogate: 4-Bromochlorobenzene-PID	8.02		8.00		100	70-130			

Matrix Spike Dup (2441106-MSD1) Source: E410106-08 Prepared: 10/11/24 Analyzed: 10/14/24

Benzene	5.54	0.0250	5.00	ND	111	54-133	0.415	20	
Ethylbenzene	5.44	0.0250	5.00	ND	109	61-133	1.35	20	
Toluene	5.52	0.0250	5.00	ND	110	61-130	0.800	20	
o-Xylene	5.42	0.0250	5.00	ND	108	63-131	1.24	20	
p,m-Xylene	11.1	0.0500	10.0	ND	111	63-131	1.30	20	
Total Xylenes	16.5	0.0250	15.0	ND	110	63-131	1.28	20	
Surrogate: 4-Bromochlorobenzene-PID	7.98		8.00		99.7	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/17/2024 9:22:13AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: CG

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2441106-BLK1) Prepared: 10/11/24 Analyzed: 10/14/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.44		8.00		93.0	70-130			

LCS (2441106-BS2) Prepared: 10/11/24 Analyzed: 10/14/24

Gasoline Range Organics (C6-C10)	44.9	20.0	50.0		89.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.64		8.00		95.4	70-130			

Matrix Spike (2441106-MS2) Source: E410106-08 Prepared: 10/11/24 Analyzed: 10/14/24

Gasoline Range Organics (C6-C10)	45.8	20.0	50.0	ND	91.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.66		8.00		95.8	70-130			

Matrix Spike Dup (2441106-MSD2) Source: E410106-08 Prepared: 10/11/24 Analyzed: 10/14/24

Gasoline Range Organics (C6-C10)	47.4	20.0	50.0	ND	94.9	70-130	3.49	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.66		8.00		95.8	70-130			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported:  10/17/2024 9:22:13AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

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
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Blank (2441107-BLK1)

Prepared: 10/11/24 Analyzed: 10/15/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.582		0.500		116	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.467		0.500		93.3	70-130			
Surrogate: Toluene-d8	0.546		0.500		109	70-130			

LCS (2441107-BS2)

Prepared: 10/11/24 Analyzed: 10/16/24

Gasoline Range Organics (C6-C10)	44.9	20.0	50.0		89.8	70-130			
Surrogate: Bromofluorobenzene	0.594		0.500		119	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500		96.8	70-130			
Surrogate: Toluene-d8	0.556		0.500		111	70-130			

Matrix Spike (2441107-MS2)

Source: E410108-01 Prepared: 10/11/24 Analyzed: 10/16/24

Gasoline Range Organics (C6-C10)	45.9	20.0	50.0	ND	91.8	70-130			
Surrogate: Bromofluorobenzene	0.594		0.500		119	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.467		0.500		93.3	70-130			
Surrogate: Toluene-d8	0.554		0.500		111	70-130			

Matrix Spike Dup (2441107-MSD2)

Source: E410108-01 Prepared: 10/11/24 Analyzed: 10/16/24

Gasoline Range Organics (C6-C10)	44.7	20.0	50.0	ND	89.4	70-130	2.69	20	
Surrogate: Bromofluorobenzene	0.597		0.500		119	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.470		0.500		93.9	70-130			
Surrogate: Toluene-d8	0.551		0.500		110	70-130			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/17/2024 9:22:13AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2441114-BLK1) Prepared: 10/11/24 Analyzed: 10/12/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.5		50.0		105	50-200			

LCS (2441114-BS1) Prepared: 10/11/24 Analyzed: 10/12/24

Diesel Range Organics (C10-C28)	292	25.0	250		117	38-132			
Surrogate: n-Nonane	53.8		50.0		108	50-200			

Matrix Spike (2441114-MS1) Source: E410106-07 Prepared: 10/11/24 Analyzed: 10/12/24

Diesel Range Organics (C10-C28)	283	25.0	250	ND	113	38-132			
Surrogate: n-Nonane	52.7		50.0		105	50-200			

Matrix Spike Dup (2441114-MSD1) Source: E410106-07 Prepared: 10/11/24 Analyzed: 10/12/24

Diesel Range Organics (C10-C28)	283	25.0	250	ND	113	38-132	0.000775	20	
Surrogate: n-Nonane	53.7		50.0		107	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/17/2024 9:22:13AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

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

Blank (2441115-BLK1)					Prepared: 10/11/24 Analyzed: 10/13/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.5		50.0		103	50-200			

LCS (2441115-BS1)					Prepared: 10/11/24 Analyzed: 10/13/24				
Diesel Range Organics (C10-C28)	296	25.0	250		119	38-132			
Surrogate: n-Nonane	54.5		50.0		109	50-200			

Matrix Spike (2441115-MS1)					Source: E410109-01		Prepared: 10/11/24 Analyzed: 10/13/24		
Diesel Range Organics (C10-C28)	288	25.0	250	ND	115	38-132			
Surrogate: n-Nonane	52.4		50.0		105	50-200			

Matrix Spike Dup (2441115-MSD1)					Source: E410109-01		Prepared: 10/11/24 Analyzed: 10/13/24		
Diesel Range Organics (C10-C28)	293	25.0	250	ND	117	38-132	1.67	20	
Surrogate: n-Nonane	53.2		50.0		106	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/17/2024 9:22:13AM

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 (2441113-BLK1)					Prepared: 10/11/24 Analyzed: 10/12/24				
Chloride	ND	20.0							
LCS (2441113-BS1)					Prepared: 10/11/24 Analyzed: 10/12/24				
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2441113-MS1)					Source: E410106-06		Prepared: 10/11/24 Analyzed: 10/12/24		
Chloride	256	20.0	250	ND	102	80-120			
Matrix Spike Dup (2441113-MSD1)					Source: E410106-06		Prepared: 10/11/24 Analyzed: 10/12/24		
Chloride	256	20.0	250	ND	102	80-120	0.0379	20	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/17/2024 9:22:13AM

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 (2441116-BLK1)					Prepared: 10/11/24 Analyzed: 10/12/24				
Chloride	ND	20.0							
LCS (2441116-BS1)					Prepared: 10/11/24 Analyzed: 10/12/24				
Chloride	259	20.0	250		104	90-110			
Matrix Spike (2441116-MS1)					Source: E410107-03		Prepared: 10/11/24 Analyzed: 10/15/24		
Chloride	1180	20.0	250	1010	68.7	80-120			M4
Matrix Spike Dup (2441116-MSD1)					Source: E410107-03		Prepared: 10/11/24 Analyzed: 10/15/24		
Chloride	1220	20.0	250	1010	83.4	80-120	3.06	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 18-19 Fed 84H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	10/17/24 09:22

- 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.





Released to: Imaging 12/11/2024 1:17:51 PM

Received by: OCD: 12/11/2024 9:32:51 AM

Project Information

Chain of Custody

Client: Pima Environmental Services		Attention: <u>Devon</u>		Lab Use Only		TAT		EPA Program	
Project: <u>Fighting Odra 18-19 Feb 84H</u>		Address:		Lab WO# <u>E410106</u>		Job Number <u>01058-0007</u>		CWA SDWA	
Project Manager: <u>Gio Gomez</u>		City, State, Zip		Analysis and Method		1D 2D 3D		Standard	
Address: <u>5614 N. Lovington Hwy.</u>		Phone:				X		RCRA	
City, State, Zip <u>Hobbs, NM. 88240</u>		Email:		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	
Phone: <u>806-782-1151</u>		Pima Project # <u>1-212</u>				X			
Email: <u>gio@pimaoil.com</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
5:34	10/8	S		SW1	1							X		
5:42				SW2	2									
5:49				SW3	3									
5:56				SW4	4									
6:00				SW5	5									
6:01				SW6	6									
6:10				SW7	7									
6:17				SW8	8									
6:28				SW9	9									
6:30				SW10	10									

Additional Instructions:

Billing # 21136919

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>Karime Adame</u>	Date <u>10/10/24</u>	Time <u>1230</u>	Received by: (Signature) <u>Michelle Gonzales</u>	Date <u>10/10/24</u>	Time <u>1230</u>	Lab Use Only Received on ice: <u>Y</u> / N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature) <u>Michelle Gonzales</u>	Date <u>10-10-24</u>	Time <u>1500</u>	Received by: (Signature) <u>J.H.</u>	Date <u>10-10-24</u>	Time <u>1700</u>	
Relinquished by: (Signature) <u>J.H.</u>	Date <u>10-10-24</u>	Time <u>2315</u>	Received by: (Signature) <u>SSB</u>	Date <u>10-11-24</u>	Time <u>0800</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

<b>Client:</b> Pima Environmental Services <b>Project:</b> Fighting Ogra 18-19 Fed #1 <b>Project Manager:</b> Gio Gomez <b>Address:</b> 5614 N. Lovington Hwy. <b>City, State, Zip:</b> Hobbs, NM, 88240 <b>Phone:</b> 806-782-1151 <b>Email:</b> gio@pimaoil.com <b>Report due by:</b>	<b>Bill To</b> <b>Attention:</b> <u>Devon</u> <b>Address:</b> <b>City, State, Zip:</b> <b>Phone:</b> <b>Email:</b> <b>Pima Project #</b> <u>1-212</u>	<b>Lab Use Only</b>		<b>TAT</b>				<b>EPA Program</b>					
		<b>Lab WO#</b>	<b>Job Number</b>	<b>1D</b>	<b>2D</b>	<b>3D</b>	<b>Standard</b>	<b>CWA</b>	<b>SDWA</b>				
		<u>E410106</u>	<u>01058-0007</u>				<input checked="" type="checkbox"/>						
		<b>Analysis and Method</b>						<b>RCRA</b>					
		<b>DRO/ORO by 8015</b>	<b>GRO/DRO by 8015</b>	<b>BTEX by 8021</b>	<b>VOC by 8260</b>	<b>Metals 6010</b>	<b>Chloride 300.0</b>	<b>BGDOC NM</b>	<b>BGDOC TX</b>	<b>State</b>			
								<b>NM</b>	<b>CO</b>	<b>UT</b>	<b>AZ</b>	<b>TX</b>	
								<input checked="" type="checkbox"/>					
<b>Remarks</b>													

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
6:36	10/8	S		SW11	11							<input checked="" type="checkbox"/>		
6:40				SW12	12									
6:41				SW13	13									
6:44				SW14	14									
6:50				SW15	15									
6:53				SW16	16									
8:58				SW17	17									
7:00				SW18	18									
7:04				SW19	19									
7:11				SW20	20									

**Additional Instructions:** Billing # 21136919

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:** Michelle Gonzales

<b>Relinquished by: (Signature)</b> <u>Karime Adams</u>	<b>Date</b> <u>10/10/24</u>	<b>Time</b> <u>1230</u>	<b>Received by: (Signature)</b> <u>Michelle Gonzales</u>	<b>Date</b> <u>10/10/24</u>	<b>Time</b> <u>1230</u>	<b>Lab Use Only</b> <b>Received on ice:</b> <input checked="" type="checkbox"/> <b>N</b> <b>T1</b> _____ <b>T2</b> _____ <b>T3</b> _____ <b>AVG Temp °C</b> <u>4</u>
<b>Relinquished by: (Signature)</b> <u>Michelle Gonzales</u>	<b>Date</b> <u>10/10/24</u>	<b>Time</b> <u>1500</u>	<b>Received by: (Signature)</b> <u>J.H.</u>	<b>Date</b> <u>10-10-24</u>	<b>Time</b> <u>1700</u>	
<b>Relinquished by: (Signature)</b> <u>J.H.</u>	<b>Date</b> <u>10-10-24</u>	<b>Time</b> <u>2315</u>	<b>Received by: (Signature)</b> <u>[Signature]</u>	<b>Date</b> <u>10-11-24</u>	<b>Time</b> <u>0800</u>	

**Sample Matrix:** S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other \_\_\_\_\_ **Container Type:** g - glass, p - poly/plastic, ag - amber glass, v - VOA

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



## Envirotech Analytical Laboratory

Printed: 10/11/2024 9:49:01AM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	10/11/24 08:00	Work Order ID:	E410106
Phone:	(575) 631-6977	Date Logged In:	10/10/24 15:36	Logged In By:	Raina Schwanz
Email:	gio@pimaoil.com	Due Date:	10/17/24 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/Resolution

Number of containers and sampler not marked on COC. Project Fighting Okra 19-18 Fed 84H has been separated into multiple WOs due to high sample volume, WOs are E410102-E410106.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

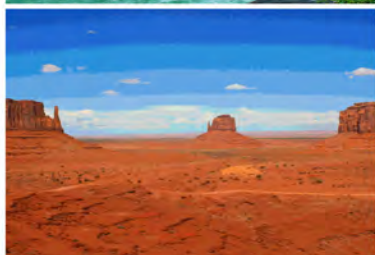
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:  
Gio Gomez



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Fighting Okra 18-19 Fed 84H

Work Order: E412010

Job Number: 01058-0007

Received: 12/3/2024

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
12/3/24

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: 12/3/24

Gio Gomez  
PO Box 247  
Plains, TX 79355-0247



Project Name: Fighting Okra 18-19 Fed 84H  
Workorder: E412010  
Date Received: 12/3/2024 6:00:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/3/2024 6:00:00AM, under the Project Name: Fighting Okra 18-19 Fed 84H.

The analytical test results summarized in this report with the Project Name: Fighting Okra 18-19 Fed 84H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

**Raina Schwanz**  
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**Southern New Mexico Area**

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

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

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## Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/03/24 16:55

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS1 - Surface - 4'	E412010-01A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CS2 - Surface - 4'	E412010-02A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CS3 - Surface - 4'	E412010-03A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CS4 - Surface - 4'	E412010-04A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CS5 - Surface - 4'	E412010-05A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CS6 - Surface - 4'	E412010-06A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CS7 - Surface - 4'	E412010-07A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CS8 - Surface - 4'	E412010-08A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CS9 - Surface - 4'	E412010-09A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CS10 - Surface - 4'	E412010-10A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CS11 - Surface - 4'	E412010-11A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CS12 - Surface - 4'	E412010-12A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CS13 - Surface - 4'	E412010-13A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CS14 - Surface - 4'	E412010-14A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CS15 - Surface - 4'	E412010-15A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CS16 - Surface - 4'	E412010-16A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CS17 - Surface - 4'	E412010-17A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CS18 - Surface - 4'	E412010-18A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CS19 - Surface - 4'	E412010-19A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CS20 - Surface - 4'	E412010-20A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
12/3/2024 4:55:51PM

### CS1 - Surface - 4'

**E412010-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2449031	
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		82.6 %	70-130	12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2449031	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.6 %	70-130	12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2449024	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
<i>Surrogate: n-Nonane</i>		109 %	50-200	12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: JM		Batch: 2449036	
Chloride	ND	20.0	1	12/03/24	12/03/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
12/3/2024 4:55:51PM

## CS2 - Surface - 4'

## E412010-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2449031	
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.2 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2449031	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	99.0 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2449024	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
<i>Surrogate: n-Nonane</i>						
	110 %	50-200		12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2449036	
Chloride	ND	20.0	1	12/03/24	12/03/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
12/3/2024 4:55:51PM

## CS3 - Surface - 4'

## E412010-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2449031	
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.5 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2449031	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	119 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2449024	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
<i>Surrogate: n-Nonane</i>						
	108 %	50-200		12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2449036	
Chloride	ND	20.0	1	12/03/24	12/03/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
12/3/2024 4:55:51PM

## CS4 - Surface - 4'

## E412010-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2449031
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.5 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2449031
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.1 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2449024
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
<i>Surrogate: n-Nonane</i>						
	112 %	50-200		12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2449036
Chloride	ND	20.0	1	12/03/24	12/03/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	<b>Reported:</b> 12/3/2024 4:55:51PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS5 - Surface - 4'

E412010-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2449031	
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.1 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2449031	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.2 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2449024	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
<i>Surrogate: n-Nonane</i>						
	93.3 %	50-200		12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2449036	
Chloride	ND	20.0	1	12/03/24	12/03/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	<b>Reported:</b> 12/3/2024 4:55:51PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS6 - Surface - 4'  
E412010-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2449031	
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
Surrogate: 4-Bromochlorobenzene-PID	89.3 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2449031	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	89.5 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2449024	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
Surrogate: n-Nonane	92.0 %	50-200		12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: JM		Batch: 2449036	
Chloride	ND	20.0	1	12/03/24	12/03/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	<b>Reported:</b> 12/3/2024 4:55:51PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS7 - Surface - 4'

E412010-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2449031	
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.7 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2449031	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.2 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2449024	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
<i>Surrogate: n-Nonane</i>						
	96.4 %	50-200		12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2449036	
Chloride	ND	20.0	1	12/03/24	12/03/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
12/3/2024 4:55:51PM

## CS8 - Surface - 4'

## E412010-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2449031	
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.8 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2449031	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.0 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2449024	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
<i>Surrogate: n-Nonane</i>						
	96.3 %	50-200		12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2449036	
Chloride	ND	20.0	1	12/03/24	12/03/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
12/3/2024 4:55:51PM

## CS9 - Surface - 4'

E412010-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2449031
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.2 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2449031
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.3 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2449024
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
<i>Surrogate: n-Nonane</i>						
	108 %	50-200		12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2449036
Chloride	ND	20.0	1	12/03/24	12/03/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
12/3/2024 4:55:51PM

## CS10 - Surface - 4'

## E412010-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2449031	
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.1 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2449031	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.9 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2449024	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
<i>Surrogate: n-Nonane</i>						
	106 %	50-200		12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2449036	
Chloride	ND	20.0	1	12/03/24	12/03/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
12/3/2024 4:55:51PM

## CS11 - Surface - 4'

## E412010-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2449031	
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.4 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2449031	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.8 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2449024	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
<i>Surrogate: n-Nonane</i>						
	94.4 %	50-200		12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2449036	
Chloride	ND	20.0	1	12/03/24	12/03/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	<b>Reported:</b> 12/3/2024 4:55:51PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS12 - Surface - 4'

E412010-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2449031	
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
Surrogate: 4-Bromochlorobenzene-PID	84.9 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2449031	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	97.3 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2449024	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
Surrogate: n-Nonane	103 %	50-200		12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: JM		Batch: 2449036	
Chloride	ND	20.0	1	12/03/24	12/03/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	<b>Reported:</b> 12/3/2024 4:55:51PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS13 - Surface - 4'

E412010-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2449031	
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
Surrogate: 4-Bromochlorobenzene-PID	85.6 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2449031	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	96.8 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2449024	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
Surrogate: n-Nonane	114 %	50-200		12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: JM		Batch: 2449036	
Chloride	23.0	20.0	1	12/03/24	12/03/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
12/3/2024 4:55:51PM

## CS14 - Surface - 4'

## E412010-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2449031	
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.2 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2449031	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.3 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2449024	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
<i>Surrogate: n-Nonane</i>						
	111 %	50-200		12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2449036	
Chloride	30.3	20.0	1	12/03/24	12/03/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	<b>Reported:</b> 12/3/2024 4:55:51PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS15 - Surface - 4'

E412010-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2449031	
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
Surrogate: 4-Bromochlorobenzene-PID	93.7 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2449031	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	91.8 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2449024	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
Surrogate: n-Nonane	123 %	50-200		12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: JM		Batch: 2449036	
Chloride	22.5	20.0	1	12/03/24	12/03/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
12/3/2024 4:55:51PM

## CS16 - Surface - 4'

## E412010-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2449031	
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.1 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2449031	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.3 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2449024	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
<i>Surrogate: n-Nonane</i>						
	112 %	50-200		12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2449036	
Chloride	22.6	20.0	1	12/03/24	12/03/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
12/3/2024 4:55:51PM

## CS17 - Surface - 4'

## E412010-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2449031
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.0 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2449031
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.6 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2449024
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
<i>Surrogate: n-Nonane</i>						
	87.2 %	50-200		12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2449036
Chloride	60.7	20.0	1	12/03/24	12/03/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	<b>Reported:</b> 12/3/2024 4:55:51PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS18 - Surface - 4'

E412010-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2449031	
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.5 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2449031	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.9 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2449024	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
<i>Surrogate: n-Nonane</i>						
	98.7 %	50-200		12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2449036	
Chloride	23.1	20.0	1	12/03/24	12/03/24	





## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
12/3/2024 4:55:51PM

## CS19 - Surface - 4'

## E412010-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2449031
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.3 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2449031
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.2 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2449024
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
<i>Surrogate: n-Nonane</i>						
	104 %	50-200		12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2449036
Chloride	96.5	20.0	1	12/03/24	12/03/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	<b>Reported:</b> 12/3/2024 4:55:51PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS20 - Surface - 4'

E412010-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2449031	
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
Surrogate: 4-Bromochlorobenzene-PID	84.9 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2449031	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	94.7 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2449024	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
Surrogate: n-Nonane	98.4 %	50-200		12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: JM		Batch: 2449036	
Chloride	96.9	20.0	1	12/03/24	12/03/24	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/3/2024 4:55:51PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2449031-BLK1)

Prepared: 12/02/24 Analyzed: 12/02/24

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	6.95		8.00		86.9	70-130			

LCS (2449031-BS1)

Prepared: 12/02/24 Analyzed: 12/02/24

Benzene	5.29	0.0250	5.00		106	70-130			
Ethylbenzene	5.13	0.0250	5.00		103	70-130			
Toluene	5.23	0.0250	5.00		105	70-130			
o-Xylene	5.11	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	7.06		8.00		88.3	70-130			

LCS Dup (2449031-BSD1)

Prepared: 12/02/24 Analyzed: 12/03/24

Benzene	5.29	0.0250	5.00		106	70-130	0.0350	20	
Ethylbenzene	5.15	0.0250	5.00		103	70-130	0.289	20	
Toluene	5.25	0.0250	5.00		105	70-130	0.325	20	
o-Xylene	5.13	0.0250	5.00		103	70-130	0.352	20	
p,m-Xylene	10.4	0.0500	10.0		104	70-130	0.341	20	
Total Xylenes	15.6	0.0250	15.0		104	70-130	0.345	20	
Surrogate: 4-Bromochlorobenzene-PID	6.93		8.00		86.7	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/3/2024 4:55:51PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2449031-BLK1) Prepared: 12/02/24 Analyzed: 12/02/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.57		8.00		94.7	70-130			

LCS (2449031-BS2) Prepared: 12/02/24 Analyzed: 12/03/24

Gasoline Range Organics (C6-C10)	43.2	20.0	50.0		86.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.87		8.00		98.4	70-130			

LCS Dup (2449031-BSD2) Prepared: 12/02/24 Analyzed: 12/03/24

Gasoline Range Organics (C6-C10)	43.2	20.0	50.0		86.4	70-130	0.0933	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.69		8.00		96.1	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/3/2024 4:55:51PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

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

Blank (2449024-BLK1)					Prepared: 12/02/24 Analyzed: 12/02/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	56.3		50.0		113	50-200			

LCS (2449024-BS1)					Prepared: 12/02/24 Analyzed: 12/02/24				
Diesel Range Organics (C10-C28)	251	25.0	250		100	38-132			
Surrogate: n-Nonane	54.4		50.0		109	50-200			

LCS Dup (2449024-BSD1)					Prepared: 12/02/24 Analyzed: 12/02/24				
Diesel Range Organics (C10-C28)	265	25.0	250		106	38-132	5.33	20	
Surrogate: n-Nonane	58.4		50.0		117	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/3/2024 4:55:51PM

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 (2449036-BLK1)					Prepared: 12/02/24 Analyzed: 12/02/24				
Chloride	ND	20.0							
LCS (2449036-BS1)					Prepared: 12/02/24 Analyzed: 12/02/24				
Chloride	250	20.0	250		100	90-110			
LCS Dup (2449036-BSD1)					Prepared: 12/02/24 Analyzed: 12/02/24				
Chloride	251	20.0	250		100	90-110	0.292	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 18-19 Fed 84H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/03/24 16:55

- 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 4 of 5

<b>Client:</b> Pima Environmental Services <b>Project:</b> Fighting OKra 1819 Feb 84H <b>Project Manager:</b> Gio Gomez <b>Address:</b> 5614 N. Lovington Hwy. <b>City, State, Zip:</b> Hobbs, NM, 88240 <b>Phone:</b> 806-782-1151 <b>Email:</b> gio@pimaoil.com <b>Report due by:</b>					<b>Attention:</b> <u>Devon</u> <b>Address:</b> <b>City, State, Zip:</b> <b>Phone:</b> <b>Email:</b> <b>Pima Project #</b> <u>212</u>					<b>Lab Use Only</b> <b>Lab WO#</b> <u>412010</u> <b>Job Number</b> <u>0058-0001</u> <b>Analysis and Method</b>					<b>TAT</b> 1D <input checked="" type="checkbox"/> 2D <input type="checkbox"/> 3D <input type="checkbox"/> Standard <input type="checkbox"/>				<b>EPA Program</b> CWA <input type="checkbox"/> SDWA <input type="checkbox"/> RCRA <input type="checkbox"/>	
														<b>State</b> NM <input checked="" type="checkbox"/> CO <input type="checkbox"/> UT <input type="checkbox"/> AZ <input type="checkbox"/> TX <input type="checkbox"/>						
														<b>Remarks</b>						
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							
8:03	11/29	S		CS1-Surface-4'	1							X								
8:08				CS2-Surface-4'	2															
8:10				CS3-Surface-4'	3															
8:12				CS4-Surface-4'	4															
8:16				CS5-Surface-4'	5															
8:19				CS6-Surface-4'	6															
8:24				CS7-Surface-4'	7															
8:33				CS8-Surface-4'	8															
8:46				CS9-Surface-4'	9															
8:55				CS10-Surface-4'	10															
<b>Additional Instructions:</b> <u>Billing # 21136919</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	<b>Lab Use Only</b> Received on Ice: <u>0/ N</u>												
<u>Karime Adams</u> Relinquished by: (Signature)		12/2/24	1:25	<u>Michelle Gonzales</u> Received by: (Signature)		12.2.24	1325													
<u>Michelle Gonzales</u> Relinquished by: (Signature)		12.2.24	1540	<u>John M.</u> Received by: (Signature)		12.2.24	1700	T1: _____ T2: _____ T3: _____												
<u>John M.</u> Relinquished by: (Signature)		12.2.24	2330	<u>Caitlynn</u> Received by: (Signature)		123.24	16:00	Avg Temp °C <u>4</u>												
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____												Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA								
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																				

## Project Information

## Chain of Custody

<b>Client:</b> Pima Environmental Services <b>Project:</b> Fighting Ozone 12-11-2024 <b>Project Manager:</b> Gio Gomez <b>Address:</b> 5614 N. Lovington Hwy. <b>City, State, Zip:</b> Hobbs, NM, 88240 <b>Phone:</b> 806-782-1151 <b>Email:</b> gio@pimaoil.com <b>Report due by:</b>				<b>Bill To</b> <b>Attention:</b> Devon <b>Address:</b> <b>City, State, Zip:</b> <b>Phone:</b> <b>Email:</b> <b>Pima Project #</b> 212				<b>Lab Use Only</b> <b>Lab WO#</b> 41200 <b>Job Number</b> 01051-0007 <b>Analysis and Method</b> DRO/DRO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM BGDOC TX				<b>TAT</b> 1D 2D 3D Standard X <b>EPA Program</b> CWA SDWA RCRA <b>State</b> NM CO UT AZ TX X <b>Remarks</b>			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks	
9:11	11/29	S		CS11 - Surface-4'	11							X			
9:17				CS12 - Surface-4'	12										
9:25				CS13 - Surface-4'	13										
9:33				CS14 - Surface-4'	14										
9:35				CS15 - Surface-4'	15										
9:40				CS16 - Surface-4'	16										
9:47				CS17 - Surface-4'	17										
9:50				CS18 - Surface-4'	18										
9:56				CS19 - Surface-4'	19										
10:00				CS20 - Surface-4'	20										
<b>Additional Instructions:</b> Billing # 21136919 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.															
<b>Relinquished by: (Signature)</b> Karime Adame <b>Date</b> 12/2/24 <b>Time</b> 1:25 <b>Received by: (Signature)</b> Michelle Gonzales <b>Date</b> 12-2-24 <b>Time</b> 1:25						<b>Lab Use Only</b> <b>Received on Ice:</b> Y/N <b>Container Type:</b> g - glass, p - poly/plastic, ag - amber glass, v - VOA <b>Avg Temp °C</b> 4									
<b>Relinquished by: (Signature)</b> Michelle Gonzales <b>Date</b> 12-2-24 <b>Time</b> 1540 <b>Received by: (Signature)</b> John H. <b>Date</b> 12-2-24 <b>Time</b> 1700						<b>Relinquished by: (Signature)</b> Caitlynn <b>Date</b> 12-2-24 <b>Time</b> 2330 <b>Received by: (Signature)</b> Michelle Gonzales <b>Date</b> 12-3-24 <b>Time</b> 6:00									
<b>Note:</b> 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: 12/3/2024 6:45:57AM

## 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:	12/03/24 06:00	Work Order ID:	E412010
Phone:	(575) 631-6977	Date Logged In:	12/02/24 14:34	Logged In By:	Noe Soto
Email:	gio@pimaoil.com	Due Date:	12/03/24 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: CourierComments/Resolution

Project Fighting Okra 8-19 Fed 84H has been separated into different WOs due to high sample volume, WOs are E412010 and E412011. No of containers and sampled by name is missing on COC by client.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

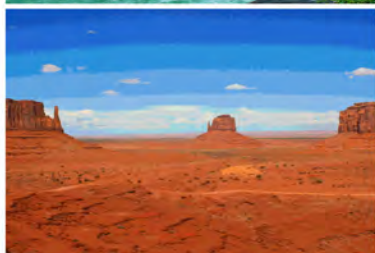
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:  
Gio Gomez



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Fighting Okra 18-19 Fed 84H

Work Order: E412011

Job Number: 01058-0007

Received: 12/3/2024

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
12/3/24

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: 12/3/24

Gio Gomez  
PO Box 247  
Plains, TX 79355-0247



Project Name: Fighting Okra 18-19 Fed 84H  
Workorder: E412011  
Date Received: 12/3/2024 6:00:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/3/2024 6:00:00AM, under the Project Name: Fighting Okra 18-19 Fed 84H.

The analytical test results summarized in this report with the Project Name: Fighting Okra 18-19 Fed 84H 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  
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[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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

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## Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/03/24 16:58

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS21 - Surface - 4'	E412011-01A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CS22 - Surface - 4'	E412011-02A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CS23 - Surface - 4'	E412011-03A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CS24 - Surface - 4'	E412011-04A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CS25 - Surface - 4'	E412011-05A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CS26 - Surface - 4'	E412011-06A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CS27 - Surface - 4'	E412011-07A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CS28 - Surface - 4'	E412011-08A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CS29 - Surface - 4'	E412011-09A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CS30 - Surface - 4'	E412011-10A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CSW1 - Surface - 4' Comp	E412011-11A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CSW2 - Surface - 4' Comp	E412011-12A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CSW3 - Surface - 4' Comp	E412011-13A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CSW4 - Surface - 4' Comp	E412011-14A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CSW5 - Surface - 4' Comp	E412011-15A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CSW6 - Surface - 4' Comp	E412011-16A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CSW7 - Surface - 4' Comp	E412011-17A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CSW8 - Surface - 4' Comp	E412011-18A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CSW9 - Surface - 4' Comp	E412011-19A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CSW10 - Surface - 4' Comp	E412011-20A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CSW11 - Surface - 4' Comp	E412011-21A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CSW12 - Surface - 4' Comp	E412011-22A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CSW13 - Surface - 4' Comp	E412011-23A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CSW14 - Surface - 4' Comp	E412011-24A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CSW15 - Surface - 4' Comp	E412011-25A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CSW16 - Surface - 4' Comp	E412011-26A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
12/3/2024 4:58:07PM

### CS21 - Surface - 4'

E412011-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
<i>Surrogate: Bromofluorobenzene</i>		95.6 %	70-130	12/03/24	12/03/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.0 %	70-130	12/03/24	12/03/24	
<i>Surrogate: Toluene-d8</i>		100 %	70-130	12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
<i>Surrogate: Bromofluorobenzene</i>		95.6 %	70-130	12/03/24	12/03/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.0 %	70-130	12/03/24	12/03/24	
<i>Surrogate: Toluene-d8</i>		100 %	70-130	12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2449025
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
<i>Surrogate: n-Nonane</i>		106 %	50-200	12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2449037
Chloride	96.4	20.0	1	12/03/24	12/03/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported: 12/3/2024 4:58:07PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS22 - Surface - 4'

E412011-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2449032	
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene		91.0 %	70-130	12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130	12/03/24	12/03/24	
Surrogate: Toluene-d8		101 %	70-130	12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2449032	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene		91.0 %	70-130	12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130	12/03/24	12/03/24	
Surrogate: Toluene-d8		101 %	70-130	12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2449025	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
Surrogate: n-Nonane		108 %	50-200	12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: JM		Batch: 2449037	
Chloride	103	20.0	1	12/03/24	12/03/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported: 12/3/2024 4:58:07PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS23 - Surface - 4'

E412011-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene	94.1 %	70-130		12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4	95.2 %	70-130		12/03/24	12/03/24	
Surrogate: Toluene-d8	102 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene	94.1 %	70-130		12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4	95.2 %	70-130		12/03/24	12/03/24	
Surrogate: Toluene-d8	102 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2449025
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
Surrogate: n-Nonane	109 %	50-200		12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2449037
Chloride	98.1	20.0	1	12/03/24	12/03/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
12/3/2024 4:58:07PM

## CS24 - Surface - 4'

## E412011-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene	94.3 %	70-130		12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4	98.8 %	70-130		12/03/24	12/03/24	
Surrogate: Toluene-d8	100 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene	94.3 %	70-130		12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4	98.8 %	70-130		12/03/24	12/03/24	
Surrogate: Toluene-d8	100 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2449025
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
Surrogate: n-Nonane	108 %	50-200		12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2449037
Chloride	98.0	20.0	1	12/03/24	12/03/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
12/3/2024 4:58:07PM

## CS25 - Surface - 4'

## E412011-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene	96.1 %	70-130		12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		12/03/24	12/03/24	
Surrogate: Toluene-d8	101 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene	96.1 %	70-130		12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		12/03/24	12/03/24	
Surrogate: Toluene-d8	101 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2449025
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
Surrogate: n-Nonane	110 %	50-200		12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2449037
Chloride	112	20.0	1	12/03/24	12/03/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported: 12/3/2024 4:58:07PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS26 - Surface - 4'

E412011-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene	94.6 %	70-130		12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4	98.8 %	70-130		12/03/24	12/03/24	
Surrogate: Toluene-d8	101 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene	94.6 %	70-130		12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4	98.8 %	70-130		12/03/24	12/03/24	
Surrogate: Toluene-d8	101 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2449025
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
Surrogate: n-Nonane	97.7 %	50-200		12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2449037
Chloride	95.7	20.0	1	12/03/24	12/03/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported: 12/3/2024 4:58:07PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS27 - Surface - 4'

E412011-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene	94.4 %	70-130		12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		12/03/24	12/03/24	
Surrogate: Toluene-d8	101 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene	94.4 %	70-130		12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		12/03/24	12/03/24	
Surrogate: Toluene-d8	101 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2449025
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
Surrogate: n-Nonane	95.4 %	50-200		12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2449037
Chloride	87.1	20.0	1	12/03/24	12/03/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	<b>Reported:</b> 12/3/2024 4:58:07PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS28 - Surface - 4'

E412011-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene	93.7 %	70-130		12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		12/03/24	12/03/24	
Surrogate: Toluene-d8	98.8 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene	93.7 %	70-130		12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		12/03/24	12/03/24	
Surrogate: Toluene-d8	98.8 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2449025
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
Surrogate: n-Nonane	90.8 %	50-200		12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2449037
Chloride	95.3	20.0	1	12/03/24	12/03/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
12/3/2024 4:58:07PM

## CS29 - Surface - 4'

## E412011-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene	95.2 %	70-130		12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		12/03/24	12/03/24	
Surrogate: Toluene-d8	98.6 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene	95.2 %	70-130		12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		12/03/24	12/03/24	
Surrogate: Toluene-d8	98.6 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2449025
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
Surrogate: n-Nonane	98.3 %	50-200		12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2449037
Chloride	91.6	20.0	1	12/03/24	12/03/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported: 12/3/2024 4:58:07PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS30 - Surface - 4'

E412011-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene	92.5 %	70-130		12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		12/03/24	12/03/24	
Surrogate: Toluene-d8	99.9 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene	92.5 %	70-130		12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		12/03/24	12/03/24	
Surrogate: Toluene-d8	99.9 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2449025
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
Surrogate: n-Nonane	95.4 %	50-200		12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2449037
Chloride	90.3	20.0	1	12/03/24	12/03/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
12/3/2024 4:58:07PM

## CSW1 - Surface - 4' Comp

E412011-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene		113 %	70-130	12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4		91.1 %	70-130	12/03/24	12/03/24	
Surrogate: Toluene-d8		109 %	70-130	12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene		113 %	70-130	12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4		91.1 %	70-130	12/03/24	12/03/24	
Surrogate: Toluene-d8		109 %	70-130	12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2449025
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
Surrogate: n-Nonane		94.9 %	50-200	12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2449037
Chloride	ND	20.0	1	12/03/24	12/03/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
12/3/2024 4:58:07PM

## CSW2 - Surface - 4' Comp

E412011-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene		111 %	70-130	12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130	12/03/24	12/03/24	
Surrogate: Toluene-d8		108 %	70-130	12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene		111 %	70-130	12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130	12/03/24	12/03/24	
Surrogate: Toluene-d8		108 %	70-130	12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2449025
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
Surrogate: n-Nonane		103 %	50-200	12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2449037
Chloride	ND	20.0	1	12/03/24	12/03/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
12/3/2024 4:58:07PM

## CSW3 - Surface - 4' Comp

E412011-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene		111 %	70-130	12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4		91.7 %	70-130	12/03/24	12/03/24	
Surrogate: Toluene-d8		108 %	70-130	12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene		111 %	70-130	12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4		91.7 %	70-130	12/03/24	12/03/24	
Surrogate: Toluene-d8		108 %	70-130	12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2449025
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
Surrogate: n-Nonane		105 %	50-200	12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2449037
Chloride	ND	20.0	1	12/03/24	12/03/24	





## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
12/3/2024 4:58:07PM

## CSW4 - Surface - 4' Comp

E412011-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene		113 %	70-130	12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4		92.1 %	70-130	12/03/24	12/03/24	
Surrogate: Toluene-d8		109 %	70-130	12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene		113 %	70-130	12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4		92.1 %	70-130	12/03/24	12/03/24	
Surrogate: Toluene-d8		109 %	70-130	12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2449025
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
Surrogate: n-Nonane		120 %	50-200	12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2449037
Chloride	ND	20.0	1	12/03/24	12/03/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported: 12/3/2024 4:58:07PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CSW5 - Surface - 4' Comp  
E412011-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene		115 %	70-130	12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4		94.4 %	70-130	12/03/24	12/03/24	
Surrogate: Toluene-d8		104 %	70-130	12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene		115 %	70-130	12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4		94.4 %	70-130	12/03/24	12/03/24	
Surrogate: Toluene-d8		104 %	70-130	12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2449025
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
Surrogate: n-Nonane		106 %	50-200	12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2449037
Chloride	ND	20.0	1	12/03/24	12/03/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
12/3/2024 4:58:07PM

## CSW6 - Surface - 4' Comp

E412011-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene		112 %	70-130	12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	12/03/24	12/03/24	
Surrogate: Toluene-d8		106 %	70-130	12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene		112 %	70-130	12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	12/03/24	12/03/24	
Surrogate: Toluene-d8		106 %	70-130	12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2449025
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
Surrogate: n-Nonane		109 %	50-200	12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2449037
Chloride	ND	20.0	1	12/03/24	12/03/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
12/3/2024 4:58:07PM

## CSW7 - Surface - 4' Comp

E412011-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene		111 %	70-130	12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4		95.1 %	70-130	12/03/24	12/03/24	
Surrogate: Toluene-d8		106 %	70-130	12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene		111 %	70-130	12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4		95.1 %	70-130	12/03/24	12/03/24	
Surrogate: Toluene-d8		106 %	70-130	12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2449025
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
Surrogate: n-Nonane		108 %	50-200	12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2449037
Chloride	ND	20.0	1	12/03/24	12/03/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
12/3/2024 4:58:07PM

## CSW8 - Surface - 4' Comp

E412011-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene		110 %	70-130	12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130	12/03/24	12/03/24	
Surrogate: Toluene-d8		108 %	70-130	12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene		110 %	70-130	12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130	12/03/24	12/03/24	
Surrogate: Toluene-d8		108 %	70-130	12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2449025
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
Surrogate: n-Nonane		112 %	50-200	12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2449037
Chloride	ND	20.0	1	12/03/24	12/03/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
12/3/2024 4:58:07PM

## CSW9 - Surface - 4' Comp

E412011-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene		111 %	70-130	12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4		96.7 %	70-130	12/03/24	12/03/24	
Surrogate: Toluene-d8		107 %	70-130	12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene		111 %	70-130	12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4		96.7 %	70-130	12/03/24	12/03/24	
Surrogate: Toluene-d8		107 %	70-130	12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2449025
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
Surrogate: n-Nonane		106 %	50-200	12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2449037
Chloride	ND	20.0	1	12/03/24	12/03/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	<b>Reported:</b> 12/3/2024 4:58:07PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CSW10 - Surface - 4' Comp  
E412011-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene		114 %	70-130	12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130	12/03/24	12/03/24	
Surrogate: Toluene-d8		107 %	70-130	12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene		114 %	70-130	12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130	12/03/24	12/03/24	
Surrogate: Toluene-d8		107 %	70-130	12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2449025
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
Surrogate: n-Nonane		110 %	50-200	12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2449037
Chloride	ND	20.0	1	12/03/24	12/03/24	





## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
12/3/2024 4:58:07PM

## CSW11 - Surface - 4' Comp

E412011-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449001
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene	93.2 %	70-130		12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		12/03/24	12/03/24	
Surrogate: Toluene-d8	100 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449001
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene	93.2 %	70-130		12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		12/03/24	12/03/24	
Surrogate: Toluene-d8	100 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2449026
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
Surrogate: n-Nonane	111 %	50-200		12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2449040
Chloride	ND	20.0	1	12/03/24	12/03/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
12/3/2024 4:58:07PM

## CSW12 - Surface - 4' Comp

E412011-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449001
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene	93.1 %	70-130		12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		12/03/24	12/03/24	
Surrogate: Toluene-d8	100 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449001
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene	93.1 %	70-130		12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		12/03/24	12/03/24	
Surrogate: Toluene-d8	100 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2449026
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
Surrogate: n-Nonane	108 %	50-200		12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2449040
Chloride	ND	20.0	1	12/03/24	12/03/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
12/3/2024 4:58:07PM

## CSW13 - Surface - 4' Comp

E412011-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449001
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene	93.8 %	70-130		12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		12/03/24	12/03/24	
Surrogate: Toluene-d8	100 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449001
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene	93.8 %	70-130		12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		12/03/24	12/03/24	
Surrogate: Toluene-d8	100 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2449026
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
Surrogate: n-Nonane	106 %	50-200		12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2449040
Chloride	ND	20.0	1	12/03/24	12/03/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	<b>Reported:</b> 12/3/2024 4:58:07PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CSW14 - Surface - 4' Comp  
E412011-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449001
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene	94.9 %	70-130		12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4	95.7 %	70-130		12/03/24	12/03/24	
Surrogate: Toluene-d8	99.5 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449001
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene	94.9 %	70-130		12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4	95.7 %	70-130		12/03/24	12/03/24	
Surrogate: Toluene-d8	99.5 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2449026
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
Surrogate: n-Nonane	98.4 %	50-200		12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2449040
Chloride	ND	20.0	1	12/03/24	12/03/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
12/3/2024 4:58:07PM

## CSW15 - Surface - 4' Comp

E412011-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449001
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene		111 %	70-130	12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4		95.4 %	70-130	12/03/24	12/03/24	
Surrogate: Toluene-d8		108 %	70-130	12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449001
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene		111 %	70-130	12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4		95.4 %	70-130	12/03/24	12/03/24	
Surrogate: Toluene-d8		108 %	70-130	12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2449026
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
Surrogate: n-Nonane		109 %	50-200	12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2449040
Chloride	ND	20.0	1	12/03/24	12/03/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
12/3/2024 4:58:07PM

## CSW16 - Surface - 4' Comp

## E412011-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449001
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene		112 %	70-130	12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4		93.7 %	70-130	12/03/24	12/03/24	
Surrogate: Toluene-d8		109 %	70-130	12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449001
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene		112 %	70-130	12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4		93.7 %	70-130	12/03/24	12/03/24	
Surrogate: Toluene-d8		109 %	70-130	12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2449026
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
Surrogate: n-Nonane		108 %	50-200	12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2449040
Chloride	ND	20.0	1	12/03/24	12/03/24	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported:  12/3/2024 4:58:07PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2449001-BLK1) Prepared: 12/02/24 Analyzed: 12/02/24

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	0.564		0.500		113	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.472		0.500		94.4	70-130			
Surrogate: Toluene-d8	0.537		0.500		107	70-130			

LCS (2449001-BS1) Prepared: 12/02/24 Analyzed: 12/02/24

Benzene	2.98	0.0250	2.50		119	70-130			
Ethylbenzene	2.91	0.0250	2.50		116	70-130			
Toluene	2.88	0.0250	2.50		115	70-130			
o-Xylene	2.97	0.0250	2.50		119	70-130			
p,m-Xylene	5.89	0.0500	5.00		118	70-130			
Total Xylenes	8.86	0.0250	7.50		118	70-130			
Surrogate: Bromofluorobenzene	0.577		0.500		115	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.486		0.500		97.2	70-130			
Surrogate: Toluene-d8	0.532		0.500		106	70-130			

LCS Dup (2449001-BSD1) Prepared: 12/02/24 Analyzed: 12/02/24

Benzene	2.69	0.0250	2.50		108	70-130	10.0	23	
Ethylbenzene	2.68	0.0250	2.50		107	70-130	8.30	27	
Toluene	2.69	0.0250	2.50		108	70-130	6.73	24	
o-Xylene	2.72	0.0250	2.50		109	70-130	8.85	27	
p,m-Xylene	5.44	0.0500	5.00		109	70-130	7.96	27	
Total Xylenes	8.16	0.0250	7.50		109	70-130	8.26	27	
Surrogate: Bromofluorobenzene	0.570		0.500		114	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.3	70-130			
Surrogate: Toluene-d8	0.532		0.500		106	70-130			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported:  12/3/2024 4:58:07PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2449032-BLK1) Prepared: 12/02/24 Analyzed: 12/02/24

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	0.472		0.500		94.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.519		0.500		104	70-130			
Surrogate: Toluene-d8	0.497		0.500		99.4	70-130			

LCS (2449032-BS1) Prepared: 12/02/24 Analyzed: 12/02/24

Benzene	2.17	0.0250	2.50		86.6	70-130			
Ethylbenzene	2.20	0.0250	2.50		87.8	70-130			
Toluene	2.18	0.0250	2.50		87.2	70-130			
o-Xylene	2.30	0.0250	2.50		91.9	70-130			
p,m-Xylene	4.49	0.0500	5.00		89.8	70-130			
Total Xylenes	6.79	0.0250	7.50		90.5	70-130			
Surrogate: Bromofluorobenzene	0.492		0.500		98.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.521		0.500		104	70-130			
Surrogate: Toluene-d8	0.501		0.500		100	70-130			

LCS Dup (2449032-BSD1) Prepared: 12/02/24 Analyzed: 12/02/24

Benzene	2.15	0.0250	2.50		86.0	70-130	0.719	23	
Ethylbenzene	2.18	0.0250	2.50		87.2	70-130	0.708	27	
Toluene	2.18	0.0250	2.50		87.2	70-130	0.00	24	
o-Xylene	2.26	0.0250	2.50		90.3	70-130	1.73	27	
p,m-Xylene	4.41	0.0500	5.00		88.1	70-130	1.87	27	
Total Xylenes	6.66	0.0250	7.50		88.9	70-130	1.82	27	
Surrogate: Bromofluorobenzene	0.482		0.500		96.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.518		0.500		104	70-130			
Surrogate: Toluene-d8	0.497		0.500		99.4	70-130			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/3/2024 4:58:07PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

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

Blank (2449001-BLK1) Prepared: 12/02/24 Analyzed: 12/02/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.564		0.500		113	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.472		0.500		94.4	70-130			
Surrogate: Toluene-d8	0.537		0.500		107	70-130			

LCS (2449001-BS2) Prepared: 12/02/24 Analyzed: 12/02/24

Gasoline Range Organics (C6-C10)	56.2	20.0	50.0		112	70-130			
Surrogate: Bromofluorobenzene	0.574		0.500		115	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.480		0.500		95.9	70-130			
Surrogate: Toluene-d8	0.544		0.500		109	70-130			

LCS Dup (2449001-BSD2) Prepared: 12/02/24 Analyzed: 12/02/24

Gasoline Range Organics (C6-C10)	54.5	20.0	50.0		109	70-130	2.97	20	
Surrogate: Bromofluorobenzene	0.575		0.500		115	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.474		0.500		94.7	70-130			
Surrogate: Toluene-d8	0.548		0.500		110	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported:  12/3/2024 4:58:07PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2449032-BLK1) Prepared: 12/02/24 Analyzed: 12/02/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.472		0.500		94.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.519		0.500		104	70-130			
Surrogate: Toluene-d8	0.497		0.500		99.4	70-130			

LCS (2449032-BS2) Prepared: 12/02/24 Analyzed: 12/02/24

Gasoline Range Organics (C6-C10)	47.4	20.0	50.0		94.7	70-130			
Surrogate: Bromofluorobenzene	0.490		0.500		97.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.511		0.500		102	70-130			
Surrogate: Toluene-d8	0.508		0.500		102	70-130			

LCS Dup (2449032-BSD2) Prepared: 12/02/24 Analyzed: 12/02/24

Gasoline Range Organics (C6-C10)	39.5	20.0	50.0		79.0	70-130	18.1	20	
Surrogate: Bromofluorobenzene	0.484		0.500		96.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.505		0.500		101	70-130			
Surrogate: Toluene-d8	0.506		0.500		101	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/3/2024 4:58:07PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2449025-BLK1) Prepared: 12/02/24 Analyzed: 12/02/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	55.1		50.0		110	50-200			

LCS (2449025-BS1) Prepared: 12/02/24 Analyzed: 12/02/24

Diesel Range Organics (C10-C28)	256	25.0	250		102	38-132			
Surrogate: n-Nonane	56.7		50.0		113	50-200			

LCS Dup (2449025-BSD1) Prepared: 12/02/24 Analyzed: 12/02/24

Diesel Range Organics (C10-C28)	256	25.0	250		102	38-132	0.114	20	
Surrogate: n-Nonane	56.2		50.0		112	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/3/2024 4:58:07PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2449026-BLK1) Prepared: 12/02/24 Analyzed: 12/02/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	55.8		50.0		112	50-200			

LCS (2449026-BS1) Prepared: 12/02/24 Analyzed: 12/02/24

Diesel Range Organics (C10-C28)	249	25.0	250		99.7	38-132			
Surrogate: n-Nonane	54.7		50.0		109	50-200			

LCS Dup (2449026-BSD1) Prepared: 12/02/24 Analyzed: 12/02/24

Diesel Range Organics (C10-C28)	257	25.0	250		103	38-132	3.06	20	
Surrogate: n-Nonane	56.6		50.0		113	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/3/2024 4:58:07PM

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 (2449037-BLK1)					Prepared: 12/02/24 Analyzed: 12/03/24				
Chloride	ND	20.0							
LCS (2449037-BS1)					Prepared: 12/02/24 Analyzed: 12/03/24				
Chloride	258	20.0	250		103	90-110			
LCS Dup (2449037-BSD1)					Prepared: 12/02/24 Analyzed: 12/03/24				
Chloride	257	20.0	250		103	90-110	0.400	20	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/3/2024 4:58:07PM

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 (2449040-BLK1)					Prepared: 12/02/24 Analyzed: 12/03/24				
Chloride	ND	20.0							
LCS (2449040-BS1)					Prepared: 12/02/24 Analyzed: 12/03/24				
Chloride	254	20.0	250		102	90-110			
LCS Dup (2449040-BSD1)					Prepared: 12/02/24 Analyzed: 12/03/24				
Chloride	251	20.0	250		101	90-110	1.04	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 18-19 Fed 84H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/03/24 16:58

- ND            Analyte NOT DETECTED at or above the reporting limit
- NR            Not Reported
- RPD          Relative Percent Difference
- DNI          Did Not Ignite
- DNR          Did not react with the addition of acid or base.
- Note (1): Methods marked with \*\* are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



## Project Information

## Chain of Custody

Page 3 of 5

**E412011 CM**

<b>Client: Pima Environmental Services</b> <b>Project: Fighting Oke 1819 Fed 84H</b> <b>Project Manager: Gio Gomez</b> <b>Address: 5614 N. Lovington Hwy.</b> <b>City, State, Zip: Hobbs, NM, 88240</b> <b>Phone: 806-782-1151</b> <b>Email: gio@pimaoil.com</b> <b>Report due by:</b>				<b>Bill To</b> <b>Attention: Devon</b> <b>Address:</b> <b>City, State, Zip:</b> <b>Phone:</b> <b>Email:</b> <b>Pima Project # 212</b>				<b>Lab Use Only</b> <b>Lab WO#</b> <u>E412010</u> <b>Lab Number</b> <u>101057-0007</u>				<b>TAT</b> <b>1D</b> <input checked="" type="checkbox"/> <b>2D</b> <input type="checkbox"/> <b>3D</b> <input type="checkbox"/> <b>Standard</b>				<b>EPA Program</b> <b>CWA</b> <input type="checkbox"/> <b>SDWA</b> <input type="checkbox"/>	
												<b>RCRA</b> <input type="checkbox"/>					
												<b>State</b> <b>NM</b> <input checked="" type="checkbox"/> <b>CO</b> <input type="checkbox"/> <b>UT</b> <input type="checkbox"/> <b>AZ</b> <input type="checkbox"/> <b>TX</b> <input type="checkbox"/>					
												<b>Remarks</b>					
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				
10:17	11/29	S		CS21-Surface-4'	1							X					
10:24				CS22-Surface-4'	2												
10:35				CS23-Surface-4'	3												
10:40				CS24-Surface-4'	4												
10:46				CS25-Surface-4'	5												
10:57				CS26-Surface-4'	6												
11:11				CS27-Surface-4'	7												
11:17				CS28-Surface-4'	8												
11:20				CS29-Surface-4'	9												
11:27				CS30-Surface-4'	10												
<b>Additional Instructions:</b> <span style="float: right;">Billing# 21136919</span>																	
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>Carime Adame</u>				Date <u>12/2/24</u> Time <u>1:25</u>		Received by: (Signature) <u>Michelle Gonzales</u>				Date <u>12-2-24</u> Time <u>1325</u>		Lab Use Only Received on ice: <u>Y/N</u>					
Relinquished by: (Signature) <u>Michelle Gonzales</u>				Date <u>12-2-24</u> Time <u>1540</u>		Received by: (Signature) <u>Adan M.</u>				Date <u>12-2-24</u> Time <u>1700</u>		T1 _____ T2 _____ T3 _____					
Relinquished by: (Signature) <u>Adan M.</u>				Date <u>12-2-24</u> Time <u>2330</u>		Received by: (Signature) <u>Caitlin Mar</u>						AVG Temp °C <u>4</u>					
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____																	
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA _____																	
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																	

## Project Information

## Chain of Custody

Page 4 of 5

Client: Pima Environmental Services				Bill To				Lab Use Only				TAT				EPA Program					
Project: <u>Fighting Oke 1819 Feb 84 H</u>				Attention: <u>Devon</u>				Lab WO# <u>E412010</u>				Job Number <u>101057 0007</u>				1D	2D	3D	Standard	CWA	SDWA
Project Manager: <u>Gio Gomez</u>				Address:																	
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>212</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						
11:33	11/29	3		CSW1 - Surface-4' comp.	11									X							
11:39				CSW2 - Surface-4' comp.	12																
11:46				CSW3 - Surface-4' comp.	13																
11:50				CSW4 - Surface-4' comp.	14																
11:56				CSW5 - Surface-4' comp.	15																
12:00				CSW6 - Surface-4' comp.	16																
12:07				CSW7 - Surface-4' comp.	17																
12:17				CSW8 - Surface-4' comp.	18																
12:20				CSW9 - Surface-4' comp.	19																
12:28				CSW10 - Surface-4' comp.	20																
Additional Instructions: <u>Billings 21136919</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 5°C on subsequent days.									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Lab Use Only									
<u>Karime Adamu</u>		<u>12/2/24</u>		<u>1:25</u>		<u>Michelle Gonzales</u>		<u>12-2-24</u>		<u>1325</u>		Received on Ice: <u>(Y)</u> / N									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		T1									
<u>Michelle Gonzales</u>		<u>12-2-24</u>		<u>1540</u>		<u>John M.</u>		<u>12-2-24</u>		<u>1700</u>		T2									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		T3									
<u>John M.</u>		<u>12-2-24</u>		<u>2330</u>		<u>Caitlin Maw</u>		<u>12-3-24</u>		<u>6:00</u>		AVG Temp °C <u>4</u>									
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other												Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA									
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																					

### Chain of Custody



## Envirotech Analytical Laboratory

Printed: 12/3/2024 6:50:11AM

## 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:	12/03/24 06:00	Work Order ID:	E412011
Phone:	(575) 631-6977	Date Logged In:	12/02/24 14:36	Logged In By:	Noe Soto
Email:	gio@pimaoil.com	Due Date:	12/03/24 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: CourierComments/Resolution

Project Fighting Okra 8-19 Fed 84H has been separated into different WOs due to high sample volume, WOs are E412010 and E412011. No of containers and sampled by name is missing on COC by client.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.



Report to:  
Gio Gomez



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Fighting Okra 18-19 Fed 84H

Work Order: E412011

Job Number: 01058-0007

Received: 12/3/2024

Revision: 2

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
12/5/24

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: 12/3/24

Gio Gomez  
PO Box 247  
Plains, TX 79355-0247



Project Name: Fighting Okra 18-19 Fed 84H  
Workorder: E412011  
Date Received: 12/3/2024 6:00:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/3/2024 6:00:00AM, under the Project Name: Fighting Okra 18-19 Fed 84H.

The analytical test results summarized in this report with the Project Name: Fighting Okra 18-19 Fed 84H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

**Raina Schwanz**  
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**Southern New Mexico Area**

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

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



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## Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/03/24 16:24

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS21 - Surface - 4'	E412011-01A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CS22 - Surface - 4'	E412011-02A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CS23 - Surface - 4'	E412011-03A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CS24 - Surface - 4'	E412011-04A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CS25 - Surface - 4'	E412011-05A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CS26 - Surface - 4'	E412011-06A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CS27 - Surface - 4'	E412011-07A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CS28 - Surface - 4'	E412011-08A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CS29 - Surface - 4'	E412011-09A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CS30 - Surface - 4'	E412011-10A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CSW1 - Surface - 4' Comp	E412011-11A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CSW2 - Surface - 4' Comp	E412011-12A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CSW3 - Surface - 4' Comp	E412011-13A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CSW4 - Surface - 4' Comp	E412011-14A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CSW5 - Surface - 4' Comp	E412011-15A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CSW6 - Surface - 4' Comp	E412011-16A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CSW7 - Surface - 4' Comp	E412011-17A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CSW8 - Surface - 4' Comp	E412011-18A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CSW9 - Surface - 4' Comp	E412011-19A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CSW10 - Surface - 4' Comp	E412011-20A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CSW11 - Surface - 4' Comp	E412011-21A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CSW12 - Surface - 4' Comp	E412011-22A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CSW13 - Surface - 4' Comp	E412011-23A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CSW14 - Surface - 4' Comp	E412011-24A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CSW15 - Surface - 4' Comp	E412011-25A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CSW16 - Surface - 4' Comp	E412011-26A	Soil	11/29/24	12/03/24	Glass Jar, 2 oz.
CS31 - Surface-4'	E412011-27A	Soil	11/29/24	12/05/24	Glass Jar, 2 oz.
CS32 - Surface-4'	E412011-28A	Soil	11/29/24	12/05/24	Glass Jar, 2 oz.
CS33 - Surface-4'	E412011-29A	Soil	11/29/24	12/05/24	Glass Jar, 2 oz.
CS34 - Surface-4'	E412011-30A	Soil	11/29/24	12/05/24	Glass Jar, 2 oz.
CS35 - Surface-4'	E412011-31A	Soil	11/29/24	12/05/24	Glass Jar, 2 oz.
CS36 - Surface-4'	E412011-32A	Soil	11/29/24	12/05/24	Glass Jar, 2 oz.
CS37 - Surface-4'	E412011-33A	Soil	11/29/24	12/05/24	Glass Jar, 2 oz.
CS38 - Surface-4'	E412011-34A	Soil	11/29/24	12/05/24	Glass Jar, 2 oz.
CS39 - Surface-4'	E412011-35A	Soil	11/29/24	12/05/24	Glass Jar, 2 oz.
CS40 - Surface-4'	E412011-36A	Soil	11/29/24	12/05/24	Glass Jar, 2 oz.
CS41 - Surface-4'	E412011-37A	Soil	11/29/24	12/05/24	Glass Jar, 2 oz.
CS42 - Surface-4'	E412011-38A	Soil	11/29/24	12/05/24	Glass Jar, 2 oz.
CS43 - Surface-4'	E412011-39A	Soil	11/29/24	12/05/24	Glass Jar, 2 oz.
CS44 - Surface-4'	E412011-40A	Soil	11/29/24	12/05/24	Glass Jar, 2 oz.



Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/03/24 16:24

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS45 - Surface-4'	E412011-41A	Soil	11/29/24	12/05/24	Glass Jar, 2 oz.
CS46 - Surface-4'	E412011-42A	Soil	11/29/24	12/05/24	Glass Jar, 2 oz.
CS47 - Surface-4'	E412011-43A	Soil	11/29/24	12/05/24	Glass Jar, 2 oz.
CS48 - Surface-4'	E412011-44A	Soil	11/29/24	12/05/24	Glass Jar, 2 oz.
CS49 - Surface-4'	E412011-45A	Soil	11/29/24	12/05/24	Glass Jar, 2 oz.
CS50 - Surface-4'	E412011-46A	Soil	11/29/24	12/05/24	Glass Jar, 2 oz.

## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
12/3/2024 4:24:19PM

### CS21 - Surface - 4'

E412011-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
<i>Surrogate: Bromofluorobenzene</i>		95.6 %	70-130	12/03/24	12/03/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.0 %	70-130	12/03/24	12/03/24	
<i>Surrogate: Toluene-d8</i>		100 %	70-130	12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
<i>Surrogate: Bromofluorobenzene</i>		95.6 %	70-130	12/03/24	12/03/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.0 %	70-130	12/03/24	12/03/24	
<i>Surrogate: Toluene-d8</i>		100 %	70-130	12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2449025
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
<i>Surrogate: n-Nonane</i>		106 %	50-200	12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2449037
Chloride	96.4	20.0	1	12/03/24	12/03/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
12/3/2024 4:24:19PM

## CS22 - Surface - 4'

## E412011-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene		91.0 %	70-130	12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130	12/03/24	12/03/24	
Surrogate: Toluene-d8		101 %	70-130	12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene		91.0 %	70-130	12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130	12/03/24	12/03/24	
Surrogate: Toluene-d8		101 %	70-130	12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2449025
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
Surrogate: n-Nonane		108 %	50-200	12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2449037
Chloride	103	20.0	1	12/03/24	12/03/24	





## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
12/3/2024 4:24:19PM

## CS23 - Surface - 4'

## E412011-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene	94.1 %	70-130		12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4	95.2 %	70-130		12/03/24	12/03/24	
Surrogate: Toluene-d8	102 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene	94.1 %	70-130		12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4	95.2 %	70-130		12/03/24	12/03/24	
Surrogate: Toluene-d8	102 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2449025
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
Surrogate: n-Nonane	109 %	50-200		12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2449037
Chloride	98.1	20.0	1	12/03/24	12/03/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
12/3/2024 4:24:19PM

## CS24 - Surface - 4'

## E412011-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene	94.3 %	70-130		12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4	98.8 %	70-130		12/03/24	12/03/24	
Surrogate: Toluene-d8	100 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene	94.3 %	70-130		12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4	98.8 %	70-130		12/03/24	12/03/24	
Surrogate: Toluene-d8	100 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2449025
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
Surrogate: n-Nonane	108 %	50-200		12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2449037
Chloride	98.0	20.0	1	12/03/24	12/03/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	<b>Reported:</b> 12/3/2024 4:24:19PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS25 - Surface - 4'

E412011-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2449032	
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene	96.1 %	70-130		12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		12/03/24	12/03/24	
Surrogate: Toluene-d8	101 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2449032	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene	96.1 %	70-130		12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		12/03/24	12/03/24	
Surrogate: Toluene-d8	101 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2449025	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
Surrogate: n-Nonane	110 %	50-200		12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: JM		Batch: 2449037	
Chloride	112	20.0	1	12/03/24	12/03/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
12/3/2024 4:24:19PM

## CS26 - Surface - 4'

## E412011-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene	94.6 %	70-130		12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4	98.8 %	70-130		12/03/24	12/03/24	
Surrogate: Toluene-d8	101 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene	94.6 %	70-130		12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4	98.8 %	70-130		12/03/24	12/03/24	
Surrogate: Toluene-d8	101 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2449025
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
Surrogate: n-Nonane	97.7 %	50-200		12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2449037
Chloride	95.7	20.0	1	12/03/24	12/03/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
12/3/2024 4:24:19PM

## CS27 - Surface - 4'

## E412011-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene	94.4 %	70-130		12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		12/03/24	12/03/24	
Surrogate: Toluene-d8	101 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene	94.4 %	70-130		12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		12/03/24	12/03/24	
Surrogate: Toluene-d8	101 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2449025
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
Surrogate: n-Nonane	95.4 %	50-200		12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2449037
Chloride	87.1	20.0	1	12/03/24	12/03/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
12/3/2024 4:24:19PM

## CS28 - Surface - 4'

## E412011-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene	93.7 %	70-130		12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		12/03/24	12/03/24	
Surrogate: Toluene-d8	98.8 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene	93.7 %	70-130		12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		12/03/24	12/03/24	
Surrogate: Toluene-d8	98.8 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2449025
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
Surrogate: n-Nonane	90.8 %	50-200		12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2449037
Chloride	95.3	20.0	1	12/03/24	12/03/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
12/3/2024 4:24:19PM

## CS29 - Surface - 4'

## E412011-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene	95.2 %	70-130		12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		12/03/24	12/03/24	
Surrogate: Toluene-d8	98.6 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene	95.2 %	70-130		12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		12/03/24	12/03/24	
Surrogate: Toluene-d8	98.6 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2449025
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
Surrogate: n-Nonane	98.3 %	50-200		12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2449037
Chloride	91.6	20.0	1	12/03/24	12/03/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported: 12/3/2024 4:24:19PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS30 - Surface - 4'

E412011-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene	92.5 %	70-130		12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		12/03/24	12/03/24	
Surrogate: Toluene-d8	99.9 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene	92.5 %	70-130		12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		12/03/24	12/03/24	
Surrogate: Toluene-d8	99.9 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2449025
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
Surrogate: n-Nonane	95.4 %	50-200		12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2449037
Chloride	90.3	20.0	1	12/03/24	12/03/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
12/3/2024 4:24:19PM

## CSW1 - Surface - 4' Comp

E412011-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene		113 %	70-130	12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4		91.1 %	70-130	12/03/24	12/03/24	
Surrogate: Toluene-d8		109 %	70-130	12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene		113 %	70-130	12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4		91.1 %	70-130	12/03/24	12/03/24	
Surrogate: Toluene-d8		109 %	70-130	12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2449025
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
Surrogate: n-Nonane		94.9 %	50-200	12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2449037
Chloride	ND	20.0	1	12/03/24	12/03/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
12/3/2024 4:24:19PM

## CSW2 - Surface - 4' Comp

E412011-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene		111 %	70-130	12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130	12/03/24	12/03/24	
Surrogate: Toluene-d8		108 %	70-130	12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene		111 %	70-130	12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130	12/03/24	12/03/24	
Surrogate: Toluene-d8		108 %	70-130	12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2449025
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
Surrogate: n-Nonane		103 %	50-200	12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2449037
Chloride	ND	20.0	1	12/03/24	12/03/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
12/3/2024 4:24:19PM

## CSW3 - Surface - 4' Comp

E412011-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene		111 %	70-130	12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4		91.7 %	70-130	12/03/24	12/03/24	
Surrogate: Toluene-d8		108 %	70-130	12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene		111 %	70-130	12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4		91.7 %	70-130	12/03/24	12/03/24	
Surrogate: Toluene-d8		108 %	70-130	12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2449025
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
Surrogate: n-Nonane		105 %	50-200	12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2449037
Chloride	ND	20.0	1	12/03/24	12/03/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
12/3/2024 4:24:19PM

## CSW4 - Surface - 4' Comp

E412011-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene		113 %	70-130	12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4		92.1 %	70-130	12/03/24	12/03/24	
Surrogate: Toluene-d8		109 %	70-130	12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene		113 %	70-130	12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4		92.1 %	70-130	12/03/24	12/03/24	
Surrogate: Toluene-d8		109 %	70-130	12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2449025
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
Surrogate: n-Nonane		120 %	50-200	12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2449037
Chloride	ND	20.0	1	12/03/24	12/03/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
12/3/2024 4:24:19PM

## CSW5 - Surface - 4' Comp

E412011-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene		115 %	70-130	12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4		94.4 %	70-130	12/03/24	12/03/24	
Surrogate: Toluene-d8		104 %	70-130	12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene		115 %	70-130	12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4		94.4 %	70-130	12/03/24	12/03/24	
Surrogate: Toluene-d8		104 %	70-130	12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2449025
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
Surrogate: n-Nonane		106 %	50-200	12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2449037
Chloride	ND	20.0	1	12/03/24	12/03/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
12/3/2024 4:24:19PM

## CSW6 - Surface - 4' Comp

E412011-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene		112 %	70-130	12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	12/03/24	12/03/24	
Surrogate: Toluene-d8		106 %	70-130	12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene		112 %	70-130	12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	12/03/24	12/03/24	
Surrogate: Toluene-d8		106 %	70-130	12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2449025
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
Surrogate: n-Nonane		109 %	50-200	12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2449037
Chloride	ND	20.0	1	12/03/24	12/03/24	





## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
12/3/2024 4:24:19PM

## CSW7 - Surface - 4' Comp

E412011-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene		111 %	70-130	12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4		95.1 %	70-130	12/03/24	12/03/24	
Surrogate: Toluene-d8		106 %	70-130	12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene		111 %	70-130	12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4		95.1 %	70-130	12/03/24	12/03/24	
Surrogate: Toluene-d8		106 %	70-130	12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2449025
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
Surrogate: n-Nonane		108 %	50-200	12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2449037
Chloride	ND	20.0	1	12/03/24	12/03/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported: 12/3/2024 4:24:19PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CSW8 - Surface - 4' Comp  
E412011-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene		110 %	70-130	12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130	12/03/24	12/03/24	
Surrogate: Toluene-d8		108 %	70-130	12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene		110 %	70-130	12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130	12/03/24	12/03/24	
Surrogate: Toluene-d8		108 %	70-130	12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2449025
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
Surrogate: n-Nonane		112 %	50-200	12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2449037
Chloride	ND	20.0	1	12/03/24	12/03/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
12/3/2024 4:24:19PM

## CSW9 - Surface - 4' Comp

E412011-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene		111 %	70-130	12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4		96.7 %	70-130	12/03/24	12/03/24	
Surrogate: Toluene-d8		107 %	70-130	12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene		111 %	70-130	12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4		96.7 %	70-130	12/03/24	12/03/24	
Surrogate: Toluene-d8		107 %	70-130	12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2449025
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
Surrogate: n-Nonane		106 %	50-200	12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2449037
Chloride	ND	20.0	1	12/03/24	12/03/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
12/3/2024 4:24:19PM

## CSW10 - Surface - 4' Comp

E412011-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene		114 %	70-130	12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130	12/03/24	12/03/24	
Surrogate: Toluene-d8		107 %	70-130	12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449032
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene		114 %	70-130	12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130	12/03/24	12/03/24	
Surrogate: Toluene-d8		107 %	70-130	12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2449025
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
Surrogate: n-Nonane		110 %	50-200	12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2449037
Chloride	ND	20.0	1	12/03/24	12/03/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported: 12/3/2024 4:24:19PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CSW11 - Surface - 4' Comp  
E412011-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449001
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene	93.2 %	70-130		12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		12/03/24	12/03/24	
Surrogate: Toluene-d8	100 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449001
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene	93.2 %	70-130		12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		12/03/24	12/03/24	
Surrogate: Toluene-d8	100 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2449026
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
Surrogate: n-Nonane	111 %	50-200		12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2449040
Chloride	ND	20.0	1	12/03/24	12/03/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported: 12/3/2024 4:24:19PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CSW12 - Surface - 4' Comp  
E412011-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449001
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene	93.1 %	70-130		12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		12/03/24	12/03/24	
Surrogate: Toluene-d8	100 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449001
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene	93.1 %	70-130		12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		12/03/24	12/03/24	
Surrogate: Toluene-d8	100 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2449026
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
Surrogate: n-Nonane	108 %	50-200		12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2449040
Chloride	ND	20.0	1	12/03/24	12/03/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported: 12/3/2024 4:24:19PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CSW13 - Surface - 4' Comp  
E412011-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449001
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene	93.8 %	70-130		12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		12/03/24	12/03/24	
Surrogate: Toluene-d8	100 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449001
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene	93.8 %	70-130		12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		12/03/24	12/03/24	
Surrogate: Toluene-d8	100 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2449026
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
Surrogate: n-Nonane	106 %	50-200		12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2449040
Chloride	ND	20.0	1	12/03/24	12/03/24	





Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18-19 Fed 84H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 12/3/2024 4:24:19PM
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CSW14 - Surface - 4' Comp  
E412011-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449001
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene	94.9 %	70-130		12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4	95.7 %	70-130		12/03/24	12/03/24	
Surrogate: Toluene-d8	99.5 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449001
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene	94.9 %	70-130		12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4	95.7 %	70-130		12/03/24	12/03/24	
Surrogate: Toluene-d8	99.5 %	70-130		12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2449026
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
Surrogate: n-Nonane	98.4 %	50-200		12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2449040
Chloride	ND	20.0	1	12/03/24	12/03/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
12/3/2024 4:24:19PM

## CSW15 - Surface - 4' Comp

E412011-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449001
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene		111 %	70-130	12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4		95.4 %	70-130	12/03/24	12/03/24	
Surrogate: Toluene-d8		108 %	70-130	12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449001
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene		111 %	70-130	12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4		95.4 %	70-130	12/03/24	12/03/24	
Surrogate: Toluene-d8		108 %	70-130	12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2449026
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
Surrogate: n-Nonane		109 %	50-200	12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2449040
Chloride	ND	20.0	1	12/03/24	12/03/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
12/3/2024 4:24:19PM

## CSW16 - Surface - 4' Comp

## E412011-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449001
Benzene	ND	0.0250	1	12/03/24	12/03/24	
Ethylbenzene	ND	0.0250	1	12/03/24	12/03/24	
Toluene	ND	0.0250	1	12/03/24	12/03/24	
o-Xylene	ND	0.0250	1	12/03/24	12/03/24	
p,m-Xylene	ND	0.0500	1	12/03/24	12/03/24	
Total Xylenes	ND	0.0250	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene		112 %	70-130	12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4		93.7 %	70-130	12/03/24	12/03/24	
Surrogate: Toluene-d8		109 %	70-130	12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2449001
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/24	12/03/24	
Surrogate: Bromofluorobenzene		112 %	70-130	12/03/24	12/03/24	
Surrogate: 1,2-Dichloroethane-d4		93.7 %	70-130	12/03/24	12/03/24	
Surrogate: Toluene-d8		109 %	70-130	12/03/24	12/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2449026
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/24	12/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/24	12/03/24	
Surrogate: n-Nonane		108 %	50-200	12/02/24	12/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2449040
Chloride	ND	20.0	1	12/03/24	12/03/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
12/3/2024 4:24:19PM

## CS31 - Surface-4'

## E412011-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2449069	
Benzene	ND	0.0250	1	12/05/24	12/05/24	
Ethylbenzene	ND	0.0250	1	12/05/24	12/05/24	
Toluene	ND	0.0250	1	12/05/24	12/05/24	
o-Xylene	ND	0.0250	1	12/05/24	12/05/24	
p,m-Xylene	ND	0.0500	1	12/05/24	12/05/24	
Total Xylenes	ND	0.0250	1	12/05/24	12/05/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	92.8 %	70-130		12/05/24	12/05/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2449069	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/24	12/05/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	88.6 %	70-130		12/05/24	12/05/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2449065	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/04/24	12/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/04/24	12/05/24	
<i>Surrogate: n-Nonane</i>	106 %	50-200		12/04/24	12/05/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2449072	
Chloride	23.8	20.0	1	12/05/24	12/05/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported: 12/3/2024 4:24:19PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS32 - Surface-4'  
E412011-28

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2449069	
Benzene	ND	0.0250	1	12/05/24	12/05/24	
Ethylbenzene	ND	0.0250	1	12/05/24	12/05/24	
Toluene	ND	0.0250	1	12/05/24	12/05/24	
o-Xylene	ND	0.0250	1	12/05/24	12/05/24	
p,m-Xylene	ND	0.0500	1	12/05/24	12/05/24	
Total Xylenes	ND	0.0250	1	12/05/24	12/05/24	
Surrogate: 4-Bromochlorobenzene-PID	93.6 %	70-130		12/05/24	12/05/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2449069	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/24	12/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	88.6 %	70-130		12/05/24	12/05/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2449065	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/04/24	12/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/04/24	12/05/24	
Surrogate: n-Nonane	106 %	50-200		12/04/24	12/05/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2449072	
Chloride	24.3	20.0	1	12/05/24	12/05/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported: 12/3/2024 4:24:19PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS33 - Surface-4'  
E412011-29

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2449069	
Benzene	ND	0.0250	1	12/05/24	12/05/24	
Ethylbenzene	ND	0.0250	1	12/05/24	12/05/24	
Toluene	ND	0.0250	1	12/05/24	12/05/24	
o-Xylene	ND	0.0250	1	12/05/24	12/05/24	
p,m-Xylene	ND	0.0500	1	12/05/24	12/05/24	
Total Xylenes	ND	0.0250	1	12/05/24	12/05/24	
Surrogate: 4-Bromochlorobenzene-PID	93.8 %	70-130		12/05/24	12/05/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2449069	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/24	12/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	88.5 %	70-130		12/05/24	12/05/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2449065	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/04/24	12/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/04/24	12/05/24	
Surrogate: n-Nonane	113 %	50-200		12/04/24	12/05/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2449072	
Chloride	ND	20.0	1	12/05/24	12/05/24	

## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
12/3/2024 4:24:19PM

## CS34 - Surface-4'

## E412011-30

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2449069	
Benzene	ND	0.0250	1	12/05/24	12/05/24	
Ethylbenzene	ND	0.0250	1	12/05/24	12/05/24	
Toluene	ND	0.0250	1	12/05/24	12/05/24	
o-Xylene	ND	0.0250	1	12/05/24	12/05/24	
p,m-Xylene	ND	0.0500	1	12/05/24	12/05/24	
Total Xylenes	ND	0.0250	1	12/05/24	12/05/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.9 %	70-130		12/05/24	12/05/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2449069	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/24	12/05/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.9 %	70-130		12/05/24	12/05/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2449065	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/04/24	12/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/04/24	12/05/24	
<i>Surrogate: n-Nonane</i>						
	109 %	50-200		12/04/24	12/05/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2449072	
Chloride	ND	20.0	1	12/05/24	12/05/24	





## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
12/3/2024 4:24:19PM

## CS35 - Surface-4'

## E412011-31

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2449069	
Benzene	ND	0.0250	1	12/05/24	12/05/24	
Ethylbenzene	ND	0.0250	1	12/05/24	12/05/24	
Toluene	ND	0.0250	1	12/05/24	12/05/24	
o-Xylene	ND	0.0250	1	12/05/24	12/05/24	
p,m-Xylene	ND	0.0500	1	12/05/24	12/05/24	
Total Xylenes	ND	0.0250	1	12/05/24	12/05/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	94.8 %	70-130		12/05/24	12/05/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2449069	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/24	12/05/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	89.2 %	70-130		12/05/24	12/05/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2449065	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/04/24	12/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/04/24	12/05/24	
<i>Surrogate: n-Nonane</i>	105 %	50-200		12/04/24	12/05/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2449072	
Chloride	24.5	20.0	1	12/05/24	12/05/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	<b>Reported:</b> 12/3/2024 4:24:19PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS36 - Surface-4'  
E412011-32

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2449069	
Benzene	ND	0.0250	1	12/05/24	12/05/24	
Ethylbenzene	ND	0.0250	1	12/05/24	12/05/24	
Toluene	ND	0.0250	1	12/05/24	12/05/24	
o-Xylene	ND	0.0250	1	12/05/24	12/05/24	
p,m-Xylene	ND	0.0500	1	12/05/24	12/05/24	
Total Xylenes	ND	0.0250	1	12/05/24	12/05/24	
Surrogate: 4-Bromochlorobenzene-PID	94.7 %	70-130		12/05/24	12/05/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2449069	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/24	12/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	88.6 %	70-130		12/05/24	12/05/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2449065	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/04/24	12/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/04/24	12/05/24	
Surrogate: n-Nonane	101 %	50-200		12/04/24	12/05/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2449072	
Chloride	22.3	20.0	1	12/05/24	12/05/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18-19 Fed 84H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 12/3/2024 4:24:19PM
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CS37 - Surface-4'  
E412011-33

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2449069	
Benzene	ND	0.0250	1	12/05/24	12/05/24	
Ethylbenzene	ND	0.0250	1	12/05/24	12/05/24	
Toluene	ND	0.0250	1	12/05/24	12/05/24	
o-Xylene	ND	0.0250	1	12/05/24	12/05/24	
p,m-Xylene	ND	0.0500	1	12/05/24	12/05/24	
Total Xylenes	ND	0.0250	1	12/05/24	12/05/24	
Surrogate: 4-Bromochlorobenzene-PID	95.1 %	70-130		12/05/24	12/05/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2449069	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/24	12/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	88.2 %	70-130		12/05/24	12/05/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2449065	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/04/24	12/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/04/24	12/05/24	
Surrogate: n-Nonane	98.6 %	50-200		12/04/24	12/05/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2449072	
Chloride	27.0	20.0	1	12/05/24	12/05/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
12/3/2024 4:24:19PM

## CS38 - Surface-4'

## E412011-34

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2449069	
Benzene	ND	0.0250	1	12/05/24	12/05/24	
Ethylbenzene	ND	0.0250	1	12/05/24	12/05/24	
Toluene	ND	0.0250	1	12/05/24	12/05/24	
o-Xylene	ND	0.0250	1	12/05/24	12/05/24	
p,m-Xylene	ND	0.0500	1	12/05/24	12/05/24	
Total Xylenes	ND	0.0250	1	12/05/24	12/05/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.1 %	70-130		12/05/24	12/05/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2449069	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/24	12/05/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.1 %	70-130		12/05/24	12/05/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2449065	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/04/24	12/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/04/24	12/05/24	
<i>Surrogate: n-Nonane</i>						
	99.7 %	50-200		12/04/24	12/05/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2449072	
Chloride	24.8	20.0	1	12/05/24	12/05/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
12/3/2024 4:24:19PM

## CS39 - Surface-4'

## E412011-35

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2449069	
Benzene	ND	0.0250	1	12/05/24	12/05/24	
Ethylbenzene	ND	0.0250	1	12/05/24	12/05/24	
Toluene	ND	0.0250	1	12/05/24	12/05/24	
o-Xylene	ND	0.0250	1	12/05/24	12/05/24	
p,m-Xylene	ND	0.0500	1	12/05/24	12/05/24	
Total Xylenes	ND	0.0250	1	12/05/24	12/05/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.3 %	70-130		12/05/24	12/05/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2449069	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/24	12/05/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.1 %	70-130		12/05/24	12/05/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2449065	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/04/24	12/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/04/24	12/05/24	
<i>Surrogate: n-Nonane</i>						
	96.0 %	50-200		12/04/24	12/05/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2449072	
Chloride	27.5	20.0	1	12/05/24	12/05/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	<b>Reported:</b> 12/3/2024 4:24:19PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS40 - Surface-4'  
E412011-36

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2449069	
Benzene	ND	0.0250	1	12/05/24	12/05/24	
Ethylbenzene	ND	0.0250	1	12/05/24	12/05/24	
Toluene	ND	0.0250	1	12/05/24	12/05/24	
o-Xylene	ND	0.0250	1	12/05/24	12/05/24	
p,m-Xylene	ND	0.0500	1	12/05/24	12/05/24	
Total Xylenes	ND	0.0250	1	12/05/24	12/05/24	
Surrogate: 4-Bromochlorobenzene-PID	97.1 %	70-130		12/05/24	12/05/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2449069	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/24	12/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	87.9 %	70-130		12/05/24	12/05/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2449065	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/04/24	12/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/04/24	12/05/24	
Surrogate: n-Nonane	94.5 %	50-200		12/04/24	12/05/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2449072	
Chloride	30.3	20.0	1	12/05/24	12/05/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported: 12/3/2024 4:24:19PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS41 - Surface-4'  
E412011-37

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2449069	
Benzene	ND	0.0250	1	12/05/24	12/05/24	
Ethylbenzene	ND	0.0250	1	12/05/24	12/05/24	
Toluene	ND	0.0250	1	12/05/24	12/05/24	
o-Xylene	ND	0.0250	1	12/05/24	12/05/24	
p,m-Xylene	ND	0.0500	1	12/05/24	12/05/24	
Total Xylenes	ND	0.0250	1	12/05/24	12/05/24	
Surrogate: 4-Bromochlorobenzene-PID	86.5 %	70-130		12/05/24	12/05/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2449069	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/24	12/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	98.7 %	70-130		12/05/24	12/05/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2449065	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/04/24	12/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/04/24	12/05/24	
Surrogate: n-Nonane	106 %	50-200		12/04/24	12/05/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2449072	
Chloride	29.9	20.0	1	12/05/24	12/05/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	<b>Reported:</b> 12/3/2024 4:24:19PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS42 - Surface-4'  
E412011-38

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2449069	
Benzene	ND	0.0250	1	12/05/24	12/05/24	
Ethylbenzene	ND	0.0250	1	12/05/24	12/05/24	
Toluene	ND	0.0250	1	12/05/24	12/05/24	
o-Xylene	ND	0.0250	1	12/05/24	12/05/24	
p,m-Xylene	ND	0.0500	1	12/05/24	12/05/24	
Total Xylenes	ND	0.0250	1	12/05/24	12/05/24	
Surrogate: 4-Bromochlorobenzene-PID	86.7 %	70-130		12/05/24	12/05/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2449069	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/24	12/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	98.1 %	70-130		12/05/24	12/05/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2449065	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/04/24	12/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/04/24	12/05/24	
Surrogate: n-Nonane	114 %	50-200		12/04/24	12/05/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2449072	
Chloride	30.9	20.0	1	12/05/24	12/05/24	





## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
12/3/2024 4:24:19PM

## CS43 - Surface-4'

## E412011-39

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2449069	
Benzene	ND	0.0250	1	12/05/24	12/05/24	
Ethylbenzene	ND	0.0250	1	12/05/24	12/05/24	
Toluene	ND	0.0250	1	12/05/24	12/05/24	
o-Xylene	ND	0.0250	1	12/05/24	12/05/24	
p,m-Xylene	ND	0.0500	1	12/05/24	12/05/24	
Total Xylenes	ND	0.0250	1	12/05/24	12/05/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.1 %	70-130		12/05/24	12/05/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2449069	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/24	12/05/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.8 %	70-130		12/05/24	12/05/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2449065	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/04/24	12/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/04/24	12/05/24	
<i>Surrogate: n-Nonane</i>						
	105 %	50-200		12/04/24	12/05/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2449072	
Chloride	29.4	20.0	1	12/05/24	12/05/24	



## Sample Data

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

Project Name: Fighting Okra 18-19 Fed 84H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
12/3/2024 4:24:19PM

## CS44 - Surface-4'

## E412011-40

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2449069	
Benzene	ND	0.0250	1	12/05/24	12/05/24	
Ethylbenzene	ND	0.0250	1	12/05/24	12/05/24	
Toluene	ND	0.0250	1	12/05/24	12/05/24	
o-Xylene	ND	0.0250	1	12/05/24	12/05/24	
p,m-Xylene	ND	0.0500	1	12/05/24	12/05/24	
Total Xylenes	ND	0.0250	1	12/05/24	12/05/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	86.3 %	70-130		12/05/24	12/05/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2449069	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/24	12/05/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	96.1 %	70-130		12/05/24	12/05/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2449065	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/04/24	12/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/04/24	12/05/24	
<i>Surrogate: n-Nonane</i>	104 %	50-200		12/04/24	12/05/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2449072	
Chloride	26.8	20.0	1	12/05/24	12/05/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported: 12/3/2024 4:24:19PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS45 - Surface-4'  
E412011-41

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2449069	
Benzene	ND	0.0250	1	12/05/24	12/05/24	
Ethylbenzene	ND	0.0250	1	12/05/24	12/05/24	
Toluene	ND	0.0250	1	12/05/24	12/05/24	
o-Xylene	ND	0.0250	1	12/05/24	12/05/24	
p,m-Xylene	ND	0.0500	1	12/05/24	12/05/24	
Total Xylenes	ND	0.0250	1	12/05/24	12/05/24	
Surrogate: 4-Bromochlorobenzene-PID	86.9 %	70-130		12/05/24	12/05/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2449069	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/24	12/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	96.9 %	70-130		12/05/24	12/05/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2449065	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/04/24	12/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/04/24	12/05/24	
Surrogate: n-Nonane	106 %	50-200		12/04/24	12/05/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2449072	
Chloride	25.8	20.0	1	12/05/24	12/05/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	<b>Reported:</b> 12/3/2024 4:24:19PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS46 - Surface-4'  
E412011-42

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2449069	
Benzene	ND	0.0250	1	12/05/24	12/05/24	
Ethylbenzene	ND	0.0250	1	12/05/24	12/05/24	
Toluene	ND	0.0250	1	12/05/24	12/05/24	
o-Xylene	ND	0.0250	1	12/05/24	12/05/24	
p,m-Xylene	ND	0.0500	1	12/05/24	12/05/24	
Total Xylenes	ND	0.0250	1	12/05/24	12/05/24	
Surrogate: 4-Bromochlorobenzene-PID	87.4 %	70-130		12/05/24	12/05/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2449069	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/24	12/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	95.5 %	70-130		12/05/24	12/05/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2449065	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/04/24	12/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/04/24	12/05/24	
Surrogate: n-Nonane	123 %	50-200		12/04/24	12/05/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2449072	
Chloride	25.6	20.0	1	12/05/24	12/05/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	<b>Reported:</b> 12/3/2024 4:24:19PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS47 - Surface-4'  
E412011-43

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2449069	
Benzene	ND	0.0250	1	12/05/24	12/05/24	
Ethylbenzene	ND	0.0250	1	12/05/24	12/05/24	
Toluene	ND	0.0250	1	12/05/24	12/05/24	
o-Xylene	ND	0.0250	1	12/05/24	12/05/24	
p,m-Xylene	ND	0.0500	1	12/05/24	12/05/24	
Total Xylenes	ND	0.0250	1	12/05/24	12/05/24	
Surrogate: 4-Bromochlorobenzene-PID	88.3 %	70-130		12/05/24	12/05/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2449069	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/24	12/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	96.0 %	70-130		12/05/24	12/05/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2449065	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/04/24	12/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/04/24	12/05/24	
Surrogate: n-Nonane	114 %	50-200		12/04/24	12/05/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2449072	
Chloride	23.7	20.0	1	12/05/24	12/05/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	<b>Reported:</b> 12/3/2024 4:24:19PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS48 - Surface-4'  
E412011-44

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2449069	
Benzene	ND	0.0250	1	12/05/24	12/05/24	
Ethylbenzene	ND	0.0250	1	12/05/24	12/05/24	
Toluene	ND	0.0250	1	12/05/24	12/05/24	
o-Xylene	ND	0.0250	1	12/05/24	12/05/24	
p,m-Xylene	ND	0.0500	1	12/05/24	12/05/24	
Total Xylenes	ND	0.0250	1	12/05/24	12/05/24	
Surrogate: 4-Bromochlorobenzene-PID	87.8 %	70-130		12/05/24	12/05/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2449069	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/24	12/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	95.5 %	70-130		12/05/24	12/05/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2449065	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/04/24	12/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/04/24	12/05/24	
Surrogate: n-Nonane	117 %	50-200		12/04/24	12/05/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2449072	
Chloride	23.6	20.0	1	12/05/24	12/05/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	<b>Reported:</b> 12/3/2024 4:24:19PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS49 - Surface-4'  
E412011-45

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2449069	
Benzene	ND	0.0250	1	12/05/24	12/05/24	
Ethylbenzene	ND	0.0250	1	12/05/24	12/05/24	
Toluene	ND	0.0250	1	12/05/24	12/05/24	
o-Xylene	ND	0.0250	1	12/05/24	12/05/24	
p,m-Xylene	ND	0.0500	1	12/05/24	12/05/24	
Total Xylenes	ND	0.0250	1	12/05/24	12/05/24	
Surrogate: 4-Bromochlorobenzene-PID	88.1 %	70-130		12/05/24	12/05/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2449069	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/24	12/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	95.0 %	70-130		12/05/24	12/05/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2449065	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/04/24	12/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/04/24	12/05/24	
Surrogate: n-Nonane	111 %	50-200		12/04/24	12/05/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2449072	
Chloride	24.5	20.0	1	12/05/24	12/05/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18-19 Fed 84H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 12/3/2024 4:24:19PM
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CS50 - Surface-4'  
E412011-46

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2449069	
Benzene	ND	0.0250	1	12/05/24	12/05/24	
Ethylbenzene	ND	0.0250	1	12/05/24	12/05/24	
Toluene	ND	0.0250	1	12/05/24	12/05/24	
o-Xylene	ND	0.0250	1	12/05/24	12/05/24	
p,m-Xylene	ND	0.0500	1	12/05/24	12/05/24	
Total Xylenes	ND	0.0250	1	12/05/24	12/05/24	
Surrogate: 4-Bromochlorobenzene-PID	88.0 %	70-130		12/05/24	12/05/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2449069	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/24	12/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	96.4 %	70-130		12/05/24	12/05/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2449065	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/04/24	12/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/04/24	12/05/24	
Surrogate: n-Nonane	112 %	50-200		12/04/24	12/05/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2449072	
Chloride	26.6	20.0	1	12/05/24	12/05/24	





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported:  12/3/2024 4:24:19PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2449001-BLK1)

Prepared: 12/02/24 Analyzed: 12/02/24

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	0.564		0.500		113	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.472		0.500		94.4	70-130			
Surrogate: Toluene-d8	0.537		0.500		107	70-130			

LCS (2449001-BS1)

Prepared: 12/02/24 Analyzed: 12/02/24

Benzene	2.98	0.0250	2.50		119	70-130			
Ethylbenzene	2.91	0.0250	2.50		116	70-130			
Toluene	2.88	0.0250	2.50		115	70-130			
o-Xylene	2.97	0.0250	2.50		119	70-130			
p,m-Xylene	5.89	0.0500	5.00		118	70-130			
Total Xylenes	8.86	0.0250	7.50		118	70-130			
Surrogate: Bromofluorobenzene	0.577		0.500		115	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.486		0.500		97.2	70-130			
Surrogate: Toluene-d8	0.532		0.500		106	70-130			

LCS Dup (2449001-BSD1)

Prepared: 12/02/24 Analyzed: 12/02/24

Benzene	2.69	0.0250	2.50		108	70-130	10.0	23	
Ethylbenzene	2.68	0.0250	2.50		107	70-130	8.30	27	
Toluene	2.69	0.0250	2.50		108	70-130	6.73	24	
o-Xylene	2.72	0.0250	2.50		109	70-130	8.85	27	
p,m-Xylene	5.44	0.0500	5.00		109	70-130	7.96	27	
Total Xylenes	8.16	0.0250	7.50		109	70-130	8.26	27	
Surrogate: Bromofluorobenzene	0.570		0.500		114	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.3	70-130			
Surrogate: Toluene-d8	0.532		0.500		106	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported:  12/3/2024 4:24:19PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2449032-BLK1) Prepared: 12/02/24 Analyzed: 12/02/24

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	0.472		0.500		94.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.519		0.500		104	70-130			
Surrogate: Toluene-d8	0.497		0.500		99.4	70-130			

LCS (2449032-BS1) Prepared: 12/02/24 Analyzed: 12/02/24

Benzene	2.17	0.0250	2.50		86.6	70-130			
Ethylbenzene	2.20	0.0250	2.50		87.8	70-130			
Toluene	2.18	0.0250	2.50		87.2	70-130			
o-Xylene	2.30	0.0250	2.50		91.9	70-130			
p,m-Xylene	4.49	0.0500	5.00		89.8	70-130			
Total Xylenes	6.79	0.0250	7.50		90.5	70-130			
Surrogate: Bromofluorobenzene	0.492		0.500		98.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.521		0.500		104	70-130			
Surrogate: Toluene-d8	0.501		0.500		100	70-130			

LCS Dup (2449032-BSD1) Prepared: 12/02/24 Analyzed: 12/02/24

Benzene	2.15	0.0250	2.50		86.0	70-130	0.719	23	
Ethylbenzene	2.18	0.0250	2.50		87.2	70-130	0.708	27	
Toluene	2.18	0.0250	2.50		87.2	70-130	0.00	24	
o-Xylene	2.26	0.0250	2.50		90.3	70-130	1.73	27	
p,m-Xylene	4.41	0.0500	5.00		88.1	70-130	1.87	27	
Total Xylenes	6.66	0.0250	7.50		88.9	70-130	1.82	27	
Surrogate: Bromofluorobenzene	0.482		0.500		96.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.518		0.500		104	70-130			
Surrogate: Toluene-d8	0.497		0.500		99.4	70-130			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/3/2024 4:24:19PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2449069-BLK1)

Prepared: 12/05/24 Analyzed: 12/05/24

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	7.06		8.00		88.3	70-130			

LCS (2449069-BS1)

Prepared: 12/05/24 Analyzed: 12/05/24

Benzene	4.92	0.0250	5.00		98.4	70-130			
Ethylbenzene	4.69	0.0250	5.00		93.9	70-130			
Toluene	4.81	0.0250	5.00		96.3	70-130			
o-Xylene	4.70	0.0250	5.00		93.9	70-130			
p,m-Xylene	9.54	0.0500	10.0		95.4	70-130			
Total Xylenes	14.2	0.0250	15.0		94.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.04		8.00		88.0	70-130			

LCS Dup (2449069-BSD1)

Prepared: 12/05/24 Analyzed: 12/05/24

Benzene	4.74	0.0250	5.00		94.8	70-130	3.73	20	
Ethylbenzene	4.53	0.0250	5.00		90.7	70-130	3.45	20	
Toluene	4.65	0.0250	5.00		93.0	70-130	3.42	20	
o-Xylene	4.54	0.0250	5.00		90.8	70-130	3.41	20	
p,m-Xylene	9.23	0.0500	10.0		92.3	70-130	3.33	20	
Total Xylenes	13.8	0.0250	15.0		91.8	70-130	3.36	20	
Surrogate: 4-Bromochlorobenzene-PID	6.94		8.00		86.7	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported:  12/3/2024 4:24:19PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2449001-BLK1) Prepared: 12/02/24 Analyzed: 12/02/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.564		0.500		113	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.472		0.500		94.4	70-130			
Surrogate: Toluene-d8	0.537		0.500		107	70-130			

LCS (2449001-BS2) Prepared: 12/02/24 Analyzed: 12/02/24

Gasoline Range Organics (C6-C10)	56.2	20.0	50.0		112	70-130			
Surrogate: Bromofluorobenzene	0.574		0.500		115	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.480		0.500		95.9	70-130			
Surrogate: Toluene-d8	0.544		0.500		109	70-130			

LCS Dup (2449001-BSD2) Prepared: 12/02/24 Analyzed: 12/02/24

Gasoline Range Organics (C6-C10)	54.5	20.0	50.0		109	70-130	2.97	20	
Surrogate: Bromofluorobenzene	0.575		0.500		115	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.474		0.500		94.7	70-130			
Surrogate: Toluene-d8	0.548		0.500		110	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported:  12/3/2024 4:24:19PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2449032-BLK1) Prepared: 12/02/24 Analyzed: 12/02/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.472		0.500		94.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.519		0.500		104	70-130			
Surrogate: Toluene-d8	0.497		0.500		99.4	70-130			

LCS (2449032-BS2) Prepared: 12/02/24 Analyzed: 12/02/24

Gasoline Range Organics (C6-C10)	47.4	20.0	50.0		94.7	70-130			
Surrogate: Bromofluorobenzene	0.490		0.500		97.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.511		0.500		102	70-130			
Surrogate: Toluene-d8	0.508		0.500		102	70-130			

LCS Dup (2449032-BSD2) Prepared: 12/02/24 Analyzed: 12/02/24

Gasoline Range Organics (C6-C10)	39.5	20.0	50.0		79.0	70-130	18.1	20	
Surrogate: Bromofluorobenzene	0.484		0.500		96.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.505		0.500		101	70-130			
Surrogate: Toluene-d8	0.506		0.500		101	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/3/2024 4:24:19PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2449069-BLK1) Prepared: 12/05/24 Analyzed: 12/05/24

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

LCS (2449069-BS2) Prepared: 12/05/24 Analyzed: 12/05/24

Gasoline Range Organics (C6-C10)	39.2	20.0	50.0		78.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.68		8.00		96.0	70-130			

LCS Dup (2449069-BSD2) Prepared: 12/05/24 Analyzed: 12/05/24

Gasoline Range Organics (C6-C10)	39.6	20.0	50.0		79.2	70-130	1.05	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.69		8.00		96.1	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/3/2024 4:24:19PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2449025-BLK1) Prepared: 12/02/24 Analyzed: 12/02/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	55.1		50.0		110	50-200			

LCS (2449025-BS1) Prepared: 12/02/24 Analyzed: 12/02/24

Diesel Range Organics (C10-C28)	256	25.0	250		102	38-132			
Surrogate: n-Nonane	56.7		50.0		113	50-200			

LCS Dup (2449025-BSD1) Prepared: 12/02/24 Analyzed: 12/02/24

Diesel Range Organics (C10-C28)	256	25.0	250		102	38-132	0.114	20	
Surrogate: n-Nonane	56.2		50.0		112	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/3/2024 4:24:19PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2449026-BLK1) Prepared: 12/02/24 Analyzed: 12/02/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	55.8		50.0		112	50-200			

LCS (2449026-BS1) Prepared: 12/02/24 Analyzed: 12/02/24

Diesel Range Organics (C10-C28)	249	25.0	250		99.7	38-132			
Surrogate: n-Nonane	54.7		50.0		109	50-200			

LCS Dup (2449026-BSD1) Prepared: 12/02/24 Analyzed: 12/02/24

Diesel Range Organics (C10-C28)	257	25.0	250		103	38-132	3.06	20	
Surrogate: n-Nonane	56.6		50.0		113	50-200			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/3/2024 4:24:19PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2449065-BLK1) Prepared: 12/04/24 Analyzed: 12/04/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.0		50.0		102	50-200			

LCS (2449065-BS1) Prepared: 12/04/24 Analyzed: 12/04/24

Diesel Range Organics (C10-C28)	264	25.0	250		106	38-132			
Surrogate: n-Nonane	54.1		50.0		108	50-200			

LCS Dup (2449065-BSD1) Prepared: 12/04/24 Analyzed: 12/04/24

Diesel Range Organics (C10-C28)	264	25.0	250		105	38-132	0.254	20	
Surrogate: n-Nonane	55.7		50.0		111	50-200			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/3/2024 4:24:19PM

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 (2449037-BLK1)					Prepared: 12/02/24 Analyzed: 12/03/24				
Chloride	ND	20.0							
LCS (2449037-BS1)					Prepared: 12/02/24 Analyzed: 12/03/24				
Chloride	258	20.0	250		103	90-110			
LCS Dup (2449037-BSD1)					Prepared: 12/02/24 Analyzed: 12/03/24				
Chloride	257	20.0	250		103	90-110	0.400	20	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/3/2024 4:24:19PM

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 (2449040-BLK1)					Prepared: 12/02/24 Analyzed: 12/03/24				
Chloride	ND	20.0							
LCS (2449040-BS1)					Prepared: 12/02/24 Analyzed: 12/03/24				
Chloride	254	20.0	250		102	90-110			
LCS Dup (2449040-BSD1)					Prepared: 12/02/24 Analyzed: 12/03/24				
Chloride	251	20.0	250		101	90-110	1.04	20	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed 84H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/3/2024 4:24:19PM

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 (2449072-BLK1)					Prepared: 12/05/24 Analyzed: 12/05/24				
Chloride	ND	20.0							
LCS (2449072-BS1)					Prepared: 12/05/24 Analyzed: 12/05/24				
Chloride	259	20.0	250		104	90-110			
LCS Dup (2449072-BSD1)					Prepared: 12/05/24 Analyzed: 12/05/24				
Chloride	259	20.0	250		104	90-110	0.0305	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 18-19 Fed 84H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	12/03/24 16:24

- ND      Analyte NOT DETECTED at or above the reporting limit
- NR      Not Reported
- RPD      Relative Percent Difference
- DNI      Did Not Ignite
- DNR      Did not react with the addition of acid or base.
- Note (1): Methods marked with \*\* are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



## Project Information

## Chain of Custody

Page 3 of 5

**E412011 CM**

<b>Client: Pima Environmental Services</b> <b>Project: Fighting Odra 1819 Fed 84H</b> <b>Project Manager: Gio Gomez</b> <b>Address: 5614 N. Lovington Hwy.</b> <b>City, State, Zip: Hobbs, NM, 88240</b> <b>Phone: 806-782-1151</b> <b>Email: gio@pimaoil.com</b> <b>Report due by:</b>				<b>Bill To</b> <b>Attention: Devon</b> <b>Address:</b> <b>City, State, Zip:</b> <b>Phone:</b> <b>Email:</b> <b>Pima Project # 212</b>		<b>Lab Use Only</b> <b>Lab WO#</b> <u>E412011</u> <b>Lab Number</b> <u>101058-0007</u>		<b>TAT</b> 1D 2D 3D Standard				<b>EPA Program</b> CWA SDWA					
								RCRA				State NM CO UT AZ TX					
						<b>Analysis and Method</b>								BGDOC NM BGDOC TX		Remarks	
						DRO/ORO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0											

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
10:17	11/29	S		CS21-Surface-4'	1							X		
10:24				CS22-Surface-4'	2									
10:35				CS23-Surface-4'	3									
10:40				CS24-Surface-4'	4									
10:46				CS25-Surface-4'	5									
10:57				CS26-Surface-4'	6									
11:11				CS27-Surface-4'	7									
11:17				CS28-Surface-4'	8									
11:20				CS29-Surface-4'	9									
11:27				CS30-Surface-4'	10									

**Additional Instructions:** Billing# 21136919

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

**Relinquished by: (Signature)** Carime Adame **Date** 12/2/24 **Time** 1:25

**Received by: (Signature)** Michelle Gonzales **Date** 12-2-24 **Time** 1325

**Relinquished by: (Signature)** Michelle Gonzales **Date** 12-2-24 **Time** 1540

**Received by: (Signature)** Aden M. **Date** 12-2-24 **Time** 1700

**Relinquished by: (Signature)** Aden M. **Date** 12-2-24 **Time** 2330

**Received by: (Signature)** Caitlin

**Received on Ice:** Y / N

**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.

## Project Information

## Chain of Custody

Page 4 of 5

**E41201 CM**

Client: <u>Pima Environmental Services</u> Project: <u>Fighting Oka 1819 Feb 84 H</u> Project Manager: <u>Gio Gomez</u> Address: <u>5614 N. Lovington Hwy.</u> City, State, Zip: <u>Hobbs, NM, 88240</u> Phone: <u>806-782-1151</u> Email: <u>gio@pimaoil.com</u> Report due by:				Bill To Attention: <u>Devon</u> Address: City, State, Zip Phone: Email: Pima Project # <u>212</u>		Lab Use Only Lab WO# <u>E412010</u> Job Number <u>101058-0057</u>		TAT			EPA Program					
								1D	2D	3D	Standard	CWA	SDWA			
						Analysis and Method DRO/DRO 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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number
11:33	11/29	3		CSW1 - Surface-4' comp.	11
11:39				CSW2 - Surface-4' comp.	12
11:46				CSW3 - Surface-4' comp.	13
11:50				CSW4 - Surface-4' comp.	14
11:56				CSW5 - Surface-4' comp.	15
12:00				CSW6 - Surface-4' comp.	16
12:07				CSW7 - Surface-4' comp.	17
12:17				CSW8 - Surface-4' comp.	18
12:20				CSW9 - Surface-4' comp.	19
12:28				CSW10 - Surface-4' comp.	20

**Additional Instructions:** Billings # 21136919

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

Sampled by: \_\_\_\_\_

Relinquished by: (Signature) <u>Karime Adams</u>		Date <u>12/2/24</u>	Time <u>1:25</u>	Received by: (Signature) <u>Michelle Gonzales</u>		Date <u>12-2-24</u>	Time <u>1325</u>
Relinquished by: (Signature) <u>Michelle Gonzales</u>		Date <u>12-2-24</u>	Time <u>1540</u>	Received by: (Signature) <u>John M.</u>		Date <u>12-2-24</u>	Time <u>1700</u>
Relinquished by: (Signature) <u>John M.</u>		Date <u>12-2-24</u>	Time <u>2330</u>	Received by: (Signature) <u>Caitlin Mann</u>		Date <u>12-2-24</u>	Time <u>16:00</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

Received on Ice: (Y) / N

Lab Use Only

1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_

AVG Temp °C: 4

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

## Chain of Custody





## Project Information

## Chain of Custody

Page 1 of 2

<b>Client:</b> Pima Environmental Services <b>Project:</b> <u>Fluoride Data 18/19 Feb 84H</u> <b>Project Manager:</b> <u>Glo Gomez</u> <b>Address:</b> <u>5614 N. Lovington Hwy.</u> <b>City, State, Zip:</b> <u>Hobbs, NM, 88240</u> <b>Phone:</b> <u>806-782-1151</u> <b>Email:</b> <u>gio@pimaoil.com</u> <b>Report due by:</b>				<b>Bill To</b> <b>Attention:</b> <u>Devon</u> <b>Address:</b> <b>City, State, Zip:</b> <b>Phone:</b> <b>Email:</b> <b>Pima Project #</b> <u>212</u>				<b>Lab Use Only</b> <b>Lab Work:</b> <u>412011</u> <b>Lab Number:</b> <u>01058-0007</u> <b>Analysis and Method</b> DRO/ORO by 8015 GRO/ORO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDCC NM BGDCC TX				<b>TAT</b> 1D <input checked="" type="checkbox"/> 2D <input type="checkbox"/> 3D <input type="checkbox"/> <b>Standard</b> <b>EPA Program</b> CWA <input type="checkbox"/> SDWA <input type="checkbox"/> RCRA <input type="checkbox"/> <b>State</b> NM <input checked="" type="checkbox"/> CO <input type="checkbox"/> UT <input type="checkbox"/> AZ <input type="checkbox"/> TX <input type="checkbox"/> <b>Remarks</b>			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDCC NM	BGDCC TX	Remarks	
11:30	11/29	S		CS31 - Surface-4'	27	+						X			
11:34				CS32 - Surface-4'	28										
11:38				CS33 - Surface-4'	29										
1:46				CS34 - Surface-4'	30										
1:50				CS35 - Surface-4'	31										
2:00				CS36 - Surface-4'	32										
2:07				CS37 - Surface-4'	33										
2:11				CS38 - Surface-4'	34										
2:18				CS39 - Surface-4'	35										
2:21				CS40 - Surface-4'	36										
<b>Additional Instructions:</b> <u>Billing# 21136919 12.5.24 CM</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. <b>Sampled by:</b> Relinquished by: (Signature) <u>Kearne Adams</u> Date <u>12/4/24</u> Time <u>2:00</u> Relinquished by: (Signature) <u>Michelle Gonzales</u> Date <u>12-4-24</u> Time <u>1600</u> Relinquished by: (Signature) <u>[Signature]</u> Date <u>12-4-24</u> Time <u>2210</u> Received by: (Signature) <u>Michelle Gonzales</u> Date <u>12-4-24</u> Time <u>1400</u> Received by: (Signature) <u>[Signature]</u> Date <u>12-4-24</u> Time <u>1600</u> Received by: (Signature) <u>Caitlin Mann</u> Date <u>12-5-24</u> Time <u>16:15</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**

## Project Information

## Chain of Custody

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<b>Client:</b> Pima Environmental Services <b>Project:</b> Fighting Back 1819 Feb 84H <b>Project Manager:</b> Gio Gomez <b>Address:</b> 5614 N. Lovington Hwy. <b>City, State, Zip:</b> Hobbs, NM, 88240 <b>Phone:</b> 806-782-1151 <b>Email:</b> gio@pimaoil.com <b>Report due by:</b>					<b>Attention:</b> <u>Devon</u> <b>Address:</b> <b>City, State, Zip:</b> <b>Phone:</b> <b>Email:</b> <b>Pima Project #</b> <u>212</u>					<b>Lab Use Only</b> <b>Lab WO#</b> <u>2412011</u> <b>Lab Number</b> <u>01058-0007</u> <b>Analysis and Method</b> DRO/DRO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BDOC NM BDOC TX					<b>TAT</b> 1D 2D 3D <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			<b>EPA Program</b> CWA SDWA RCRA State NM CO UT AZ TX		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks														
2:28	11/29	S		CS41 - Surface - 4'	37	H														
2:30				CS42 - Surface - 4'	38	H														
2:32				CS43 - Surface - 4'	39	H														
2:38				CS44 - Surface - 4'	40	H														
2:43				CS45 - Surface - 4'	41	H														
2:46				CS46 - Surface - 4'	42	H														
2:50				CS47 - Surface - 4'	43	H														
2:53				CS48 - Surface - 4'	44	H														
2:58				CS49 - Surface - 4'	45	H														
3:00				CS50 - Surface - 4'	46	H														
<b>Additional Instructions:</b> <u>Billing # 21136919 12.5.24 cm</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.																				
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	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.												
<u>Karinne Hume</u>		12/4/24	2:00	<u>Michelle Gonzales</u>		12-4-24	1400	Lab Use Only Received on Ice: <input checked="" type="checkbox"/> N												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 T2 T3												
<u>Michelle Gonzales</u>		12-4-24	1600	<u>[Signature]</u>		12-4-24	1600													
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Avg Temp °C <u>4</u>												
<u>[Signature]</u>		12-4-24	2210	<u>Chelle Man</u>		12.5.24	6:15													
Sample Matrix: S - Soil, Gd - Solid, Sg - Sludge, A - Aqueous, O - Other																				
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																				
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																				


**envirotech**

## Envirotech Analytical Laboratory

Printed: 12/5/2024 9:10:38AM

## 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:	12/03/24 06:00	Work Order ID:	E412011
Phone:	(575) 631-6977	Date Logged In:	12/02/24 14:36	Logged In By:	Noe Soto
Email:	gio@pimaoil.com	Due Date:	12/05/24 17:00 (2 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/Resolution

Project Fighting Okra 8-19 Fed 84H has been separated into different WO; E412010 - E412011. No of containers and sampled by name is missing on COC by client. Recieved Sampled #27-46 on 12/5/24. Added to WO per client request.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS

Action 410638

**QUESTIONS**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 410638
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

Prerequisites	
Incident ID (n#)	nAPP2100645694
Incident Name	NAPP2100645694 FIGHTING OKRA 18-19 FED 84H @ 30-025-44173
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-025-44173] FIGHTING OKRA 18 19 FEDERAL #084H

**Location of Release Source**

Please answer all the questions in this group.

Site Name	FIGHTING OKRA 18-19 FED 84H
Date Release Discovered	12/16/2020
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	Cause: Other   Flow Line - Production   Crude Oil   Released: 5 BBL   Recovered: 5 BBL   Lost: 0 BBL.
Produced Water Released (bbls) Details	Cause: Other   Flow Line - Production   Produced Water   Released: 90 BBL   Recovered: 85 BBL   Lost: 5 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 410638

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 410638
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
Is this a gas only submission (i.e. only significant Mcf values reported)	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	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
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: James Raley Title: EHS Professional Email: jim.ralej@dvni.com Date: 12/11/2024
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QUESTIONS, Page 3

Action 410638

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 410638
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS****Site Characterization**

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between ½ and 1 (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
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

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

Chloride (EPA 300.0 or SM4500 Cl B)	90
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

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

On what estimated date will the remediation commence	12/10/2024
On what date will (or did) the final sampling or liner inspection occur	11/29/2024
On what date will (or was) the remediation complete(d)	12/10/2024
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	0
What is the estimated volume (in cubic yards) that will be remediated	0

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

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

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QUESTIONS, Page 4

Action 410638

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 410638
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Remediation Plan (continued)</b>	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
<b>This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:</b>	
(Select all answers below that apply.)	
(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Not answered.
(Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Yes
Other Non-listed Remedial Process. Please specify	Sampling indicated, no additional soil removal required.
<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: James Raley Title: EHS Professional Email: jim.raley@dvni.com Date: 12/11/2024
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	



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QUESTIONS, Page 5  
  
Action 410638

QUESTIONS (continued)

Operator:  DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:  6137
	Action Number:  410638
	Action Type:  [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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



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QUESTIONS, Page 6

Action 410638

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 410638
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

Sampling Event Information	
Last sampling notification (C-141N) recorded	406587
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/29/2024
What was the (estimated) number of samples that were to be gathered	66
What was the sampling surface area in square feet	10135

**Remediation Closure Request**

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

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	0
What was the total volume (cubic yards) remediated	0
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	Devon has complied with the applicable closure requirements set forth in rule 19.15.19.12 NMAC.

*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: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 12/11/2024
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Action 410638

QUESTIONS (continued)

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

QUESTIONS

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

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CONDITIONS

Action 410638

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 410638
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
crystal.walker	A reclamation report will not be accepted until reclamation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	12/12/2024
crystal.walker	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. The OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	12/12/2024