



REMEDIATION CLOSURE REPORT

Incident ID NRM2019859240

Fighting Okra 18 Fed Com #1H

API: 30-025-40382

Prepared By:
Pima Environmental Services, LLC

Prepared For:
Devon Energy Production, LP

November 22, 2024
Pima Environmental Services, LLC
5614 N Lovington Hwy, Hobbs, NM 88240

Pima Environmental Services

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

November 22, 2024

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

**Re: Site Assessment, Remediation, and Closure Report
Fighting Okra 18 Fed Com #1H
API No. 30-025-40382
GPS: Latitude 32.0435333 Longitude -103.5164566
UL - E, Section 18, T26S, R34E
Lea County, NM
NMOCD Ref. No. NRM2019859240**

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 Fed Com #1H (Fighting Okra) The incident was assigned incident NRM2019859240, by the New Mexico Oil Conservation Division (NMOCD).

Site Characterization

The Fighting Okra is located approximately twenty-three (23) miles Southwest of Bennet, NM. This spill site is in Unit E, Section 18, Township 26S, Range 34E, Latitude 32.0435333 Longitude -103.5164566, 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 0.45 of a mile away from the Fighting Okra. Drilled on June 9, 2022. Conversely, as per the United States Geological Survey well water data (USGS320059103333501 26S.33E.27.21112), the nearest groundwater depth in this region is recorded at 76 feet BGS, situated approximately 2.93 of a mile away from the Fighting Okra, with the last gauge conducted in 2000 (Appendix A)

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

NRM2019859240: On June 30, 2020, release due to corrosive flowline from well to production equipment. The well was shut in and flowline isolated. All fluid remained on location. The released fluids were calculated to be approximately 10 barrels (bbls) of crude oil and 40 barrels of produced water. No fluids were able to be recovered

Remediation Activities, Site Assessment, and Soil Sampling Results

On June 27, 2023, 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.

6-27-2023 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51'-100')								
DEVON ENERGY -- FIGHTING OKRA 18 FED COM #1H-NRM2019859240								
Sample Date: 6/27/2023				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
S-1	1'	ND	ND	ND	ND	ND	0	811
	4'	ND	ND	ND	ND	ND	0	177
	6'	ND	ND	ND	ND	ND	0	ND
S-2	1'	ND	ND	ND	ND	ND	0	187
	4'	ND	ND	ND	ND	ND	0	58.1
	5'	ND	ND	ND	ND	ND	0	ND
S-3	1'	ND	ND	ND	ND	ND	0	112
	4'	ND	ND	ND	ND	ND	0	107
	6'	ND	ND	ND	ND	ND	0	ND
S-4	1'	ND	ND	ND	ND	ND	0	242
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S-5	1'	ND	ND	ND	ND	ND	0	96.8
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S-6	1'	ND	ND	ND	25	ND	25	1180
	3'	ND	ND	ND	32.6	57.3	89.9	1170
	4'	ND	ND	ND	ND	ND	0	ND
S-7	1'	ND	ND	ND	ND	ND	0	1500
	3'	ND	ND	ND	36.9	67.7	104.6	1060
	4'	ND	ND	ND	ND	ND	0	ND
S-8	1'	ND	ND	ND	29.3	ND	29.3	1310
	3'	ND	ND	ND	33.4	ND	33.4	1000
	4'	ND	ND	ND	ND	ND	0	ND
SW 1	6"	ND	ND	ND	ND	ND	0	ND
SW 2	6"	ND	ND	ND	ND	ND	0	ND
SW 3	6"	ND	ND	ND	ND	ND	0	ND
SW 4	6"	ND	ND	ND	ND	ND	0	ND
SW 5	6"	ND	ND	ND	ND	ND	0	ND
SW 6	6"	ND	ND	ND	ND	ND	0	ND

ND- Analyte Not Detected

Complete Laboratory Reports can be found in Appendix E.

Countermeasures Due to Rejection application ID:239890:

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

Closure denied. Per 19.15.29.12(D)1(a) NMAC, "The responsible party must verbally notify the appropriate division district office two business days prior to conducting final sampling." Appendix C is labeled 48-Hour Notification, with no notification included. To submit sampling notifications, fill out a C-141N through the permitting website. Resubmit closure report by 3/2/2024.

On November 20, 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.

11-20-24 Confirmation Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100 ')								
DEVON ENERGY Fighting Okra 18 Fed Com 1H-NRM2019859240								
Date: 11-20-24		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
CS1	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
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
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

ND- Analyte Not Detected

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

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

Closure Request

After careful review, Pima requests that this incident, NRM2019859240, 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.ralej@dvn.com.

Pima Environmental – Gio Gomez – 806-782-1151 or Gio@pimaoil.com.

Respectfully,

Gio Gomez

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 Notifications
- 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

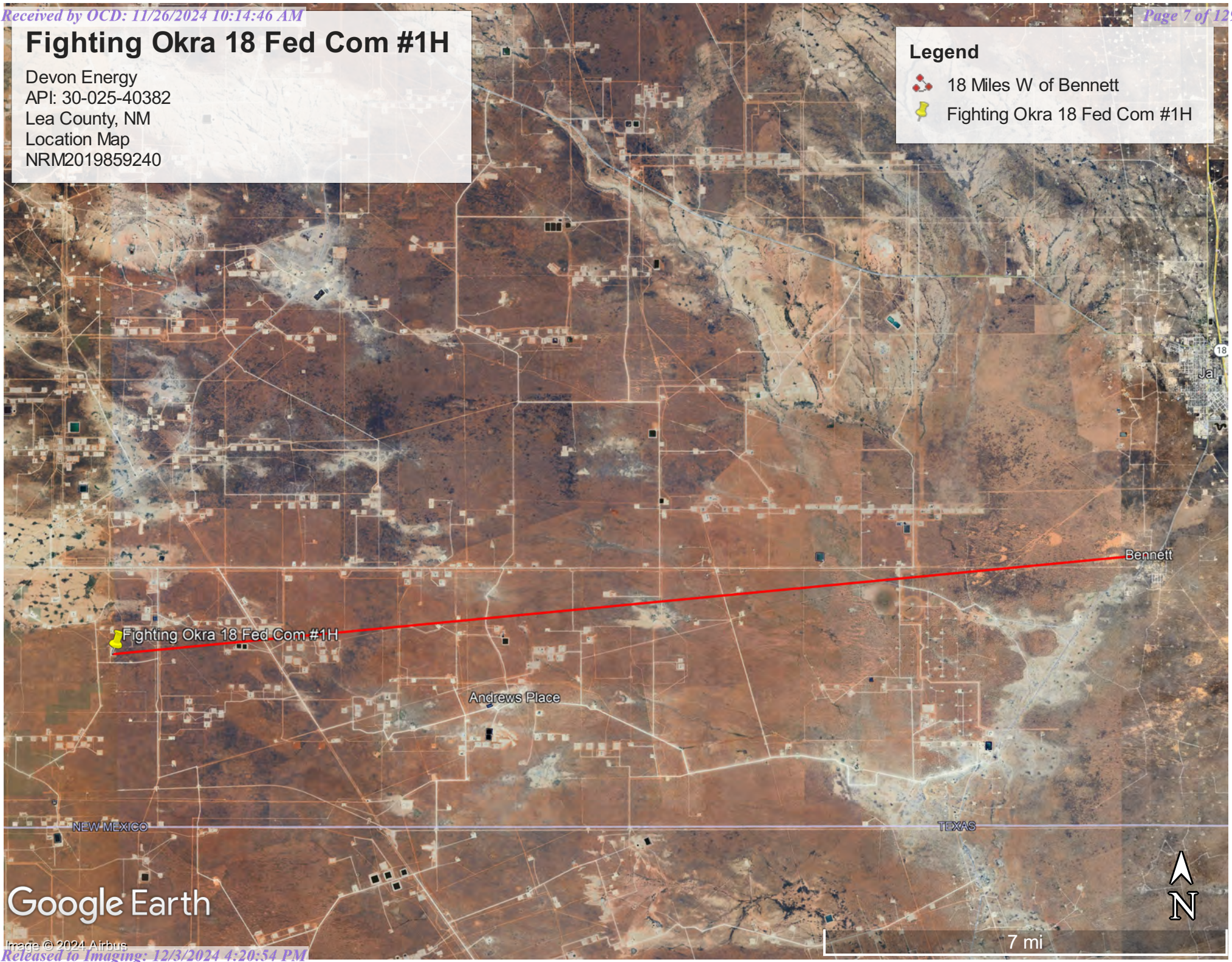
Figure 5- Confirmation Sample Map

Fighting Okra 18 Fed Com #1H

Devon Energy
API: 30-025-40382
Lea County, NM
Location Map
NRM2019859240

Legend

-  18 Miles W of Bennett
-  Fighting Okra 18 Fed Com #1H




Google Earth

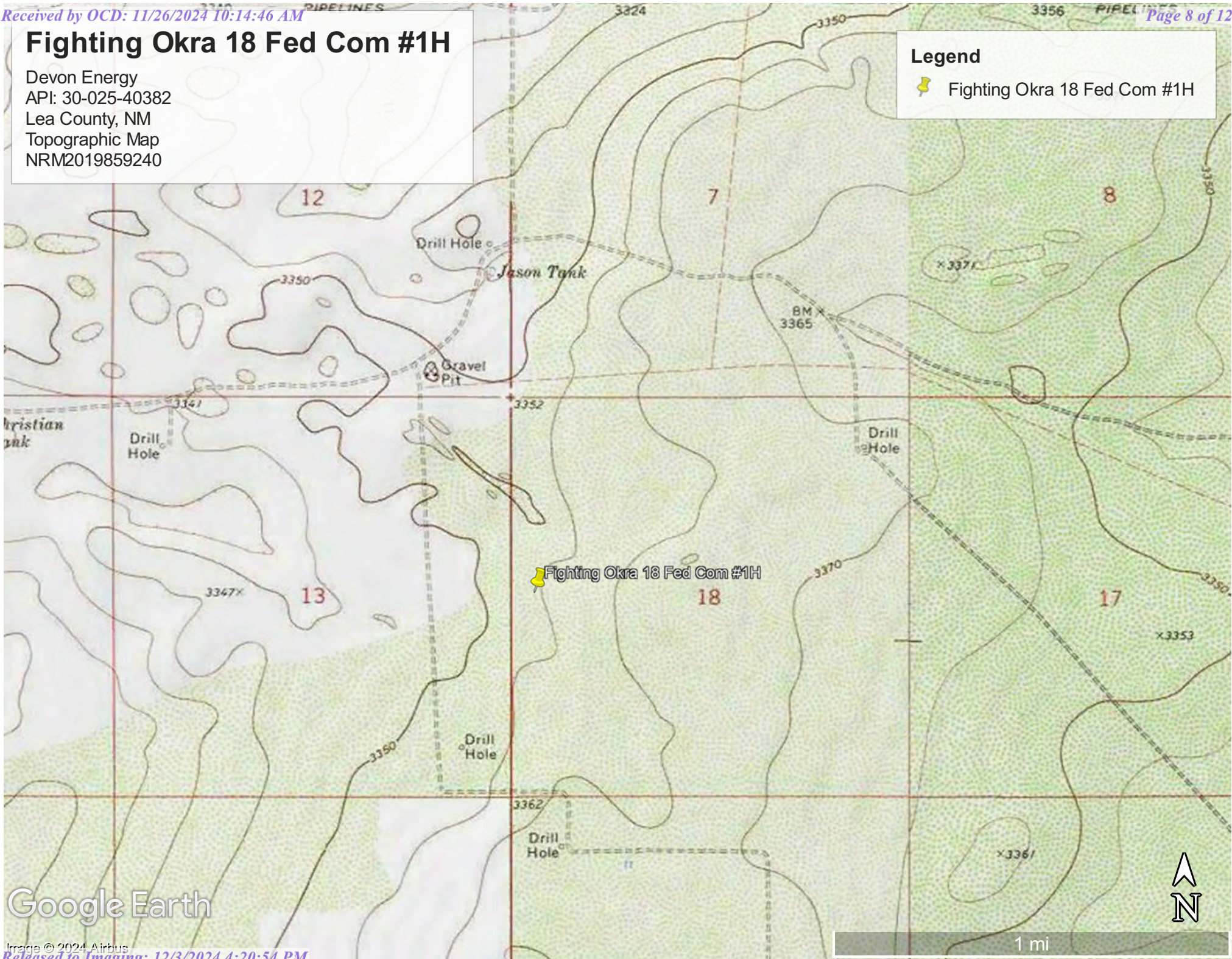
7 mi

Fighting Okra 18 Fed Com #1H

Devon Energy
API: 30-025-40382
Lea County, NM
Topographic Map
NRM2019859240

Legend

-  Fighting Okra 18 Fed Com #1H



Google Earth







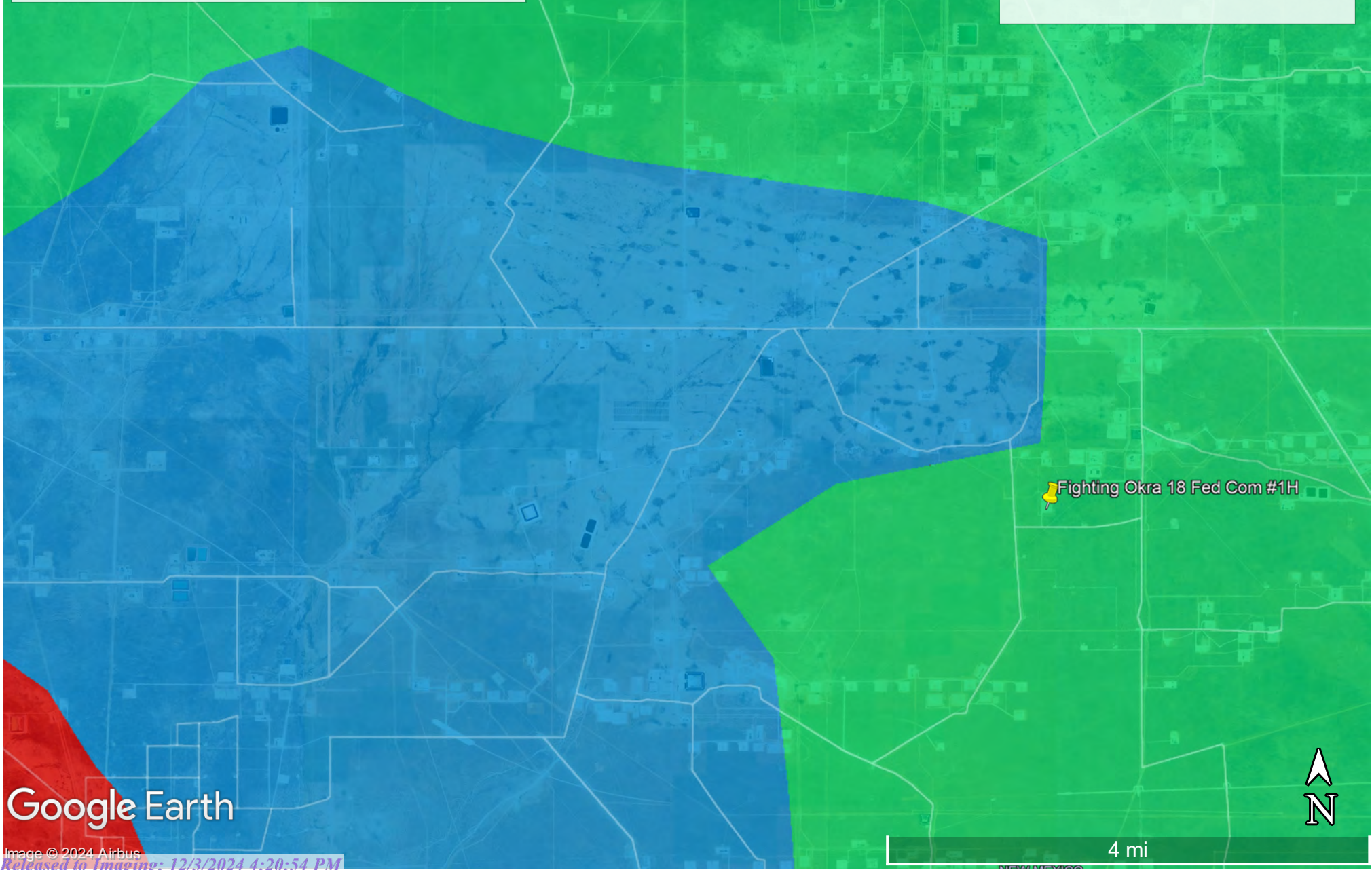
1 mi

Fighting Okra 18 Fed Com #1H

Devon Energy
API: 30-025-40382
Lea County, NM
Karst Map
NRM2019859240

Legend

-  Fighting Okra 18 Fed Com #1H
-  High Karst
-  Low Karst
-  Medium Karst



Google Earth

4 mi



Fighting Okra 18 Fed Com #1H

Devon Energy
API: 30-025-40382
Lea County, NM
Site Map
NRM2019859240

Legend




- Sample Points
- 📌 Fighting Okra 18 Fed Com #1H
- △ POR
- Sidewall Samples



Fighting Okra 18 Fed Com #1H

Devon Energy
API: 30-025-40382
Lea County, NM
Confirmation Sample Map
NRM2019859240

Legend

-  1,513 Sqft
-  Confirmation Samples
-  Fighting Okra 18 Fed Com #1H





Appendix A

Water Surveys:

- OSE
- USGS
- Surface Water Map



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Q 18	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
C_04626 POD1		CUB	LE	4	2	1	18	26S	34E		640644	3546672	729			
C_02295		CUB	LE	2	2	4	12	26S	33E		639865	3547624	1416	250	200	50
C_02293		CUB	LE	2	2	1	14	26S	33E		637501	3546975	2677	200	135	65
C_02294		CUB	LE	4	4	3	11	26S	33E		637465	3547003	2719	200	145	55
C_02292 POD1		CUB	LE	4	1	2	06	26S	34E		640992	3549987	3875	200	140	60
C_03441 POD1		C	LE	4	1	2	06	26S	34E		640971	3550039	3921	250		
C_03442 POD1		C	LE	4	1	2	06	26S	34E		641056	3550028	3930	251		
C_02291		CUB	LE	1	1	2	06	26S	34E		640825	3550140*	3989	220	160	60
C_04628 POD1		CUB	LE	1	1	2	01	26S	33E		639121	3550219	4107			
C_02289		CUB	LE	4	4	4	03	26S	33E		636612	3548675*	4239	200	160	40
C_02288		CUB	LE	4	4	4	03	26S	33E		636646	3548758	4260	220	180	40
C_02285 POD1		CUB	LE	1	4	4	03	26S	33E		636613	3548855	4345	220	220	0
C_02290		CUB	LE	4	4	4	03	26S	33E		636538	3548770	4355	200	160	40
C_02286		CUB	LE	3	4	4	03	26S	33E		636470	3548714	4378	220	175	45
C_02287		C	LE	3	4	4	03	26S	33E		636427	3548708	4409	220		
C_02270		CUB	LE	1	1	2	27	26S	33E		636063	3543722	4723	150	125	25
C_03577 POD1		CUB	LE	3	3	3	22	26S	33E		636010	3543771	4742	750	110	640
C_03596 POD1		C	LE	3	3	4	22	26S	33E		636017	3543756	4744	225		
C_04583 POD1		CUB	LE	3	3	3	15	26S	34E		644920	3545643	4884	55		

Average Depth to Water: **159 feet**
 Minimum Depth: **110 feet**
 Maximum Depth: **220 feet**

Record Count: 19

UTM NAD83 Radius Search (in meters):

Easting (X): 640070.11 **Northing (Y):** 3546222.71 **Radius:** 5000

*UTM location was derived from PLSS - see Help

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

6/14/23 10:58 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

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		MINUTES 2	SECONDS 51.06	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84	
		LONGITUDE		103	37.08		
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 FITLESS ADAPTER IS INSTALLED <input type="checkbox"/>		
	DEPTH (feet bgl)		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)
	FROM	TO						
	0	55	±6.5	Boring-HSA	--	--	--	--

3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT
	FROM	TO				

OSE OFF JUN 16 2022 10:00

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 01/28/2022)			
FILE NO.	C-4626-POD 1	POD NO.	1	TRN NO.	726171
LOCATION	26.34.18.421	WELL TAG ID NO.		PAGE 1 OF 2	

Mike A. Hamman, P.E.
State Engineer



Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

**STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER**

Trn Nbr: 726171
File Nbr: C 04626
Well File Nbr: C 04626 POD1

Jun. 16, 2022

DALE WOODALL
DEVON ENERGY
6488 7 RIVERS HWY
ARTESIA, NM 88210

Greetings:

The above numbered permit was issued in your name on 05/24/2022.

The Well Record was received in this office on 06/16/2022, stating that it had been completed on 06/09/2022, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 05/24/2023.

If you have any questions, please feel free to contact us.

Sincerely,

A handwritten signature in blue ink that reads "Maret Amaral".

Maret Amaral
(575) 622-6521

drywell



2904 W 2nd St.
Roswell, NM 88201
voice: 575.624.2420
fax: 575.624.2421
www.atkinseng.com

June 8, 2022

DII-NMOSE
1900 W 2nd Street
Roswell, NM 88201

Hand Delivered to the DII Office of the State Engineer

Re: Well Record C-4626 Pod1at Fighting Okra 18 CTB 4

To whom it may concern:

Attached please find a well log & record and a plugging record, in duplicate, for a one (1) soil borings, C-4626 Pod1.

If you have any questions, please contact me at 575.499.9244 or lucas@atkinseng.com.

Sincerely,

A handwritten signature in black ink that reads "Lucas Middleton". The signature is written in a cursive, flowing style.

Lucas Middleton




Enclosures: as noted above

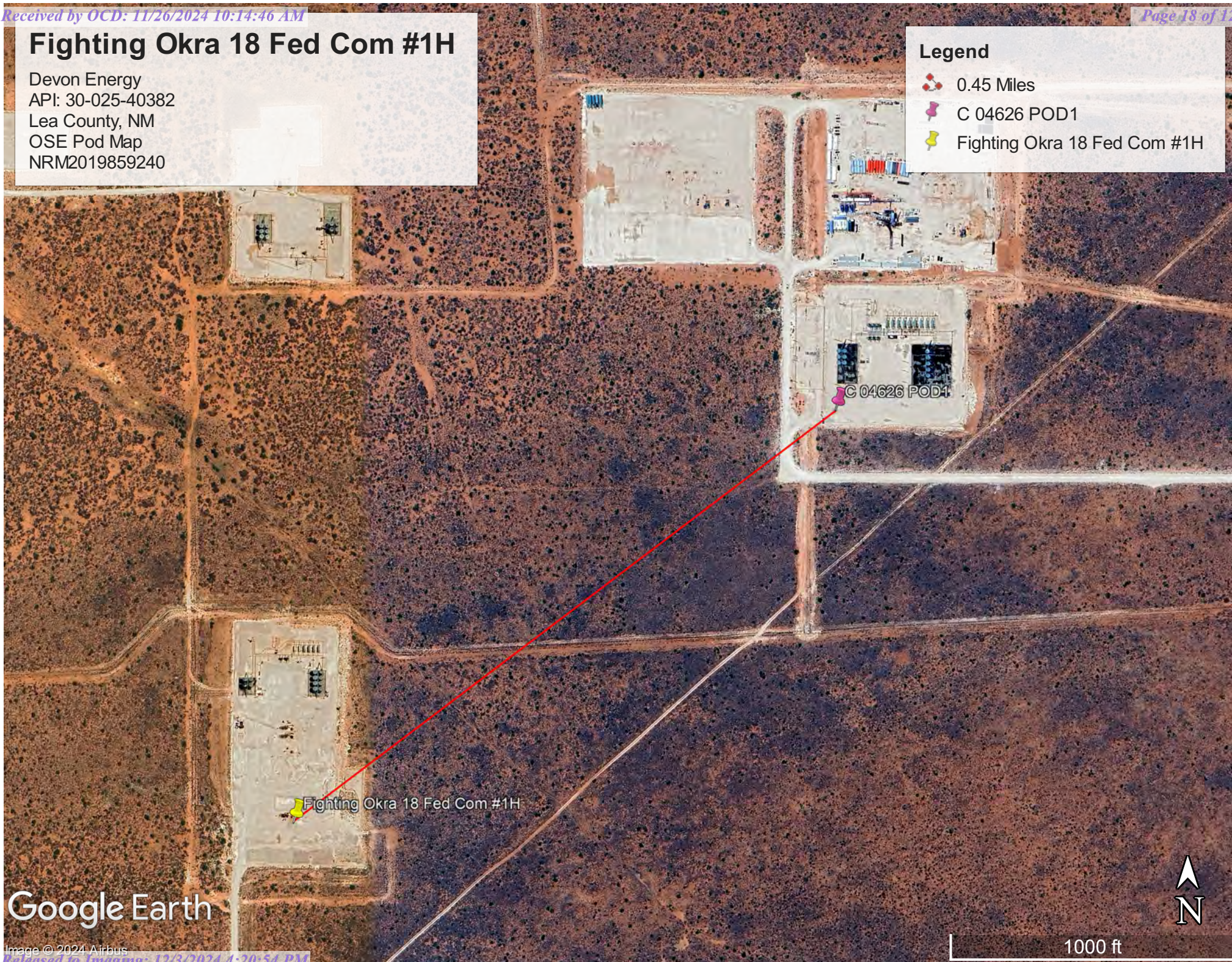
OSE DTI JUN 16 2022 PM3:08

Fighting Okra 18 Fed Com #1H

Devon Energy
API: 30-025-40382
Lea County, NM
OSE Pod Map
NRM2019859240

Legend

-  0.45 Miles
-  C 04626 POD1
-  Fighting Okra 18 Fed Com #1H



Google Earth

1000 ft



USGS Home
Contact USGS
Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category:

Groundwater

Geographic Area:

United States

GO

Click to hide News Bulletins

- 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

i 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

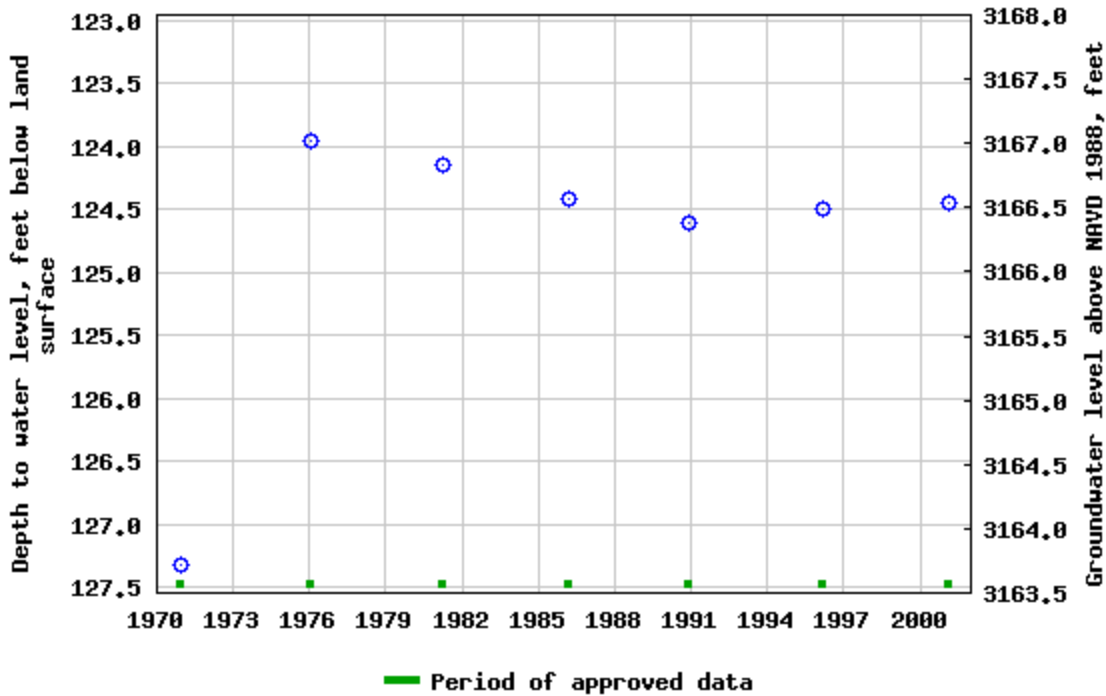
This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

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

USGS 320245103335901 26S.33E.10.334343



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

[Download a presentation-quality graph](#)

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Title: Groundwater for USA: Water Levels

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



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




Page Last Modified: 2024-11-22 11:55:34 EST

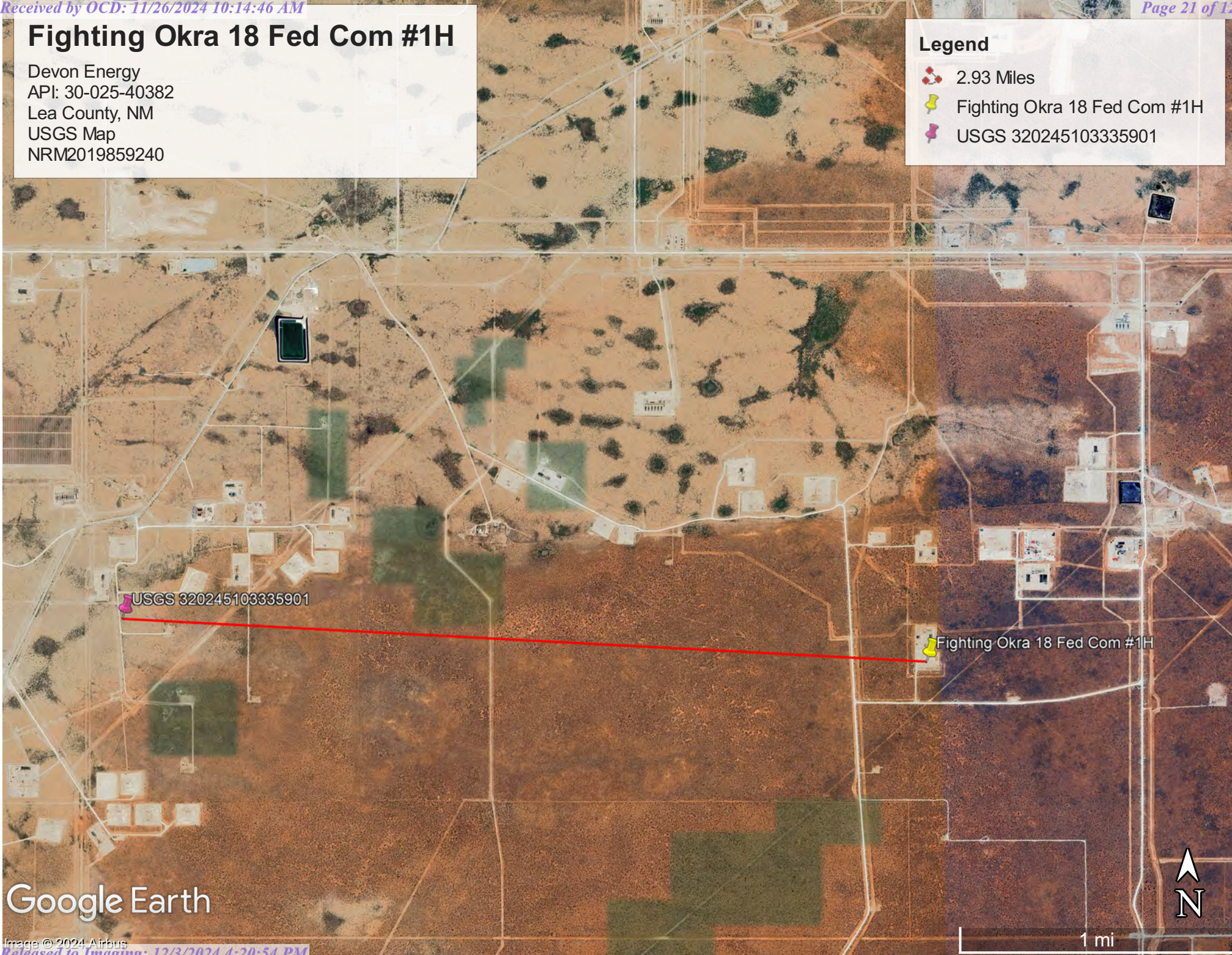
0.72 0.51 nadww02

Fighting Okra 18 Fed Com #1H

Devon Energy
API: 30-025-40382
Lea County, NM
USGS Map
NRM2019859240

Legend

-  2.93 Miles
-  Fighting Okra 18 Fed Com #1H
-  USGS 320245103335901



Google Earth



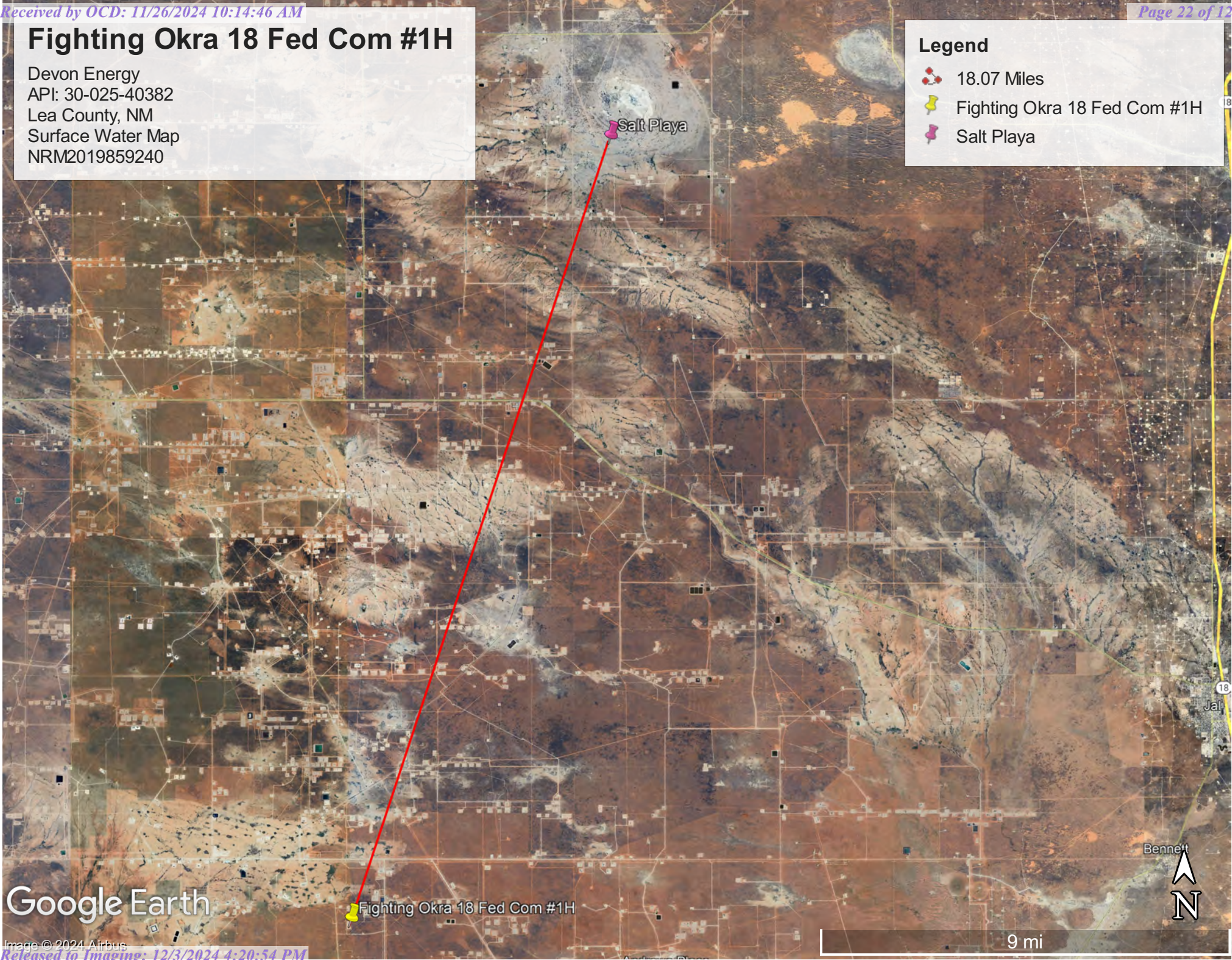
1 mi

Fighting Okra 18 Fed Com #1H

Devon Energy
API: 30-025-40382
Lea County, NM
Surface Water Map
NRM2019859240

Legend

-  18.07 Miles
-  Fighting Okra 18 Fed Com #1H
-  Salt Playa



Google Earth

Bennett



9 mi



Appendix B

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

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

Lea County, New Mexico

PU—Pyote and Maljamar fine sands

Map Unit Setting

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

Map Unit Composition

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

Description of Pyote

Setting

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

Typical profile

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

Properties and qualities

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

Interpretive groups

Land capability classification (irrigated): 6e

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

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

Description of Maljamar

Setting

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

Typical profile

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

Properties and qualities

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

Interpretive groups

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

Minor Components

Kermit

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

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

Hydric soil rating: No

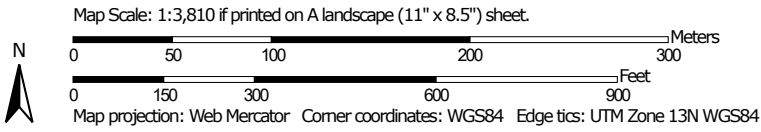
Data Source Information

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

Soil Map—Lea County, New Mexico




Soil Map may not be valid at this scale.



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
PU	Pyote and Maljamar fine sands	51.4	100.0%
Totals for Area of Interest		51.4	100.0%

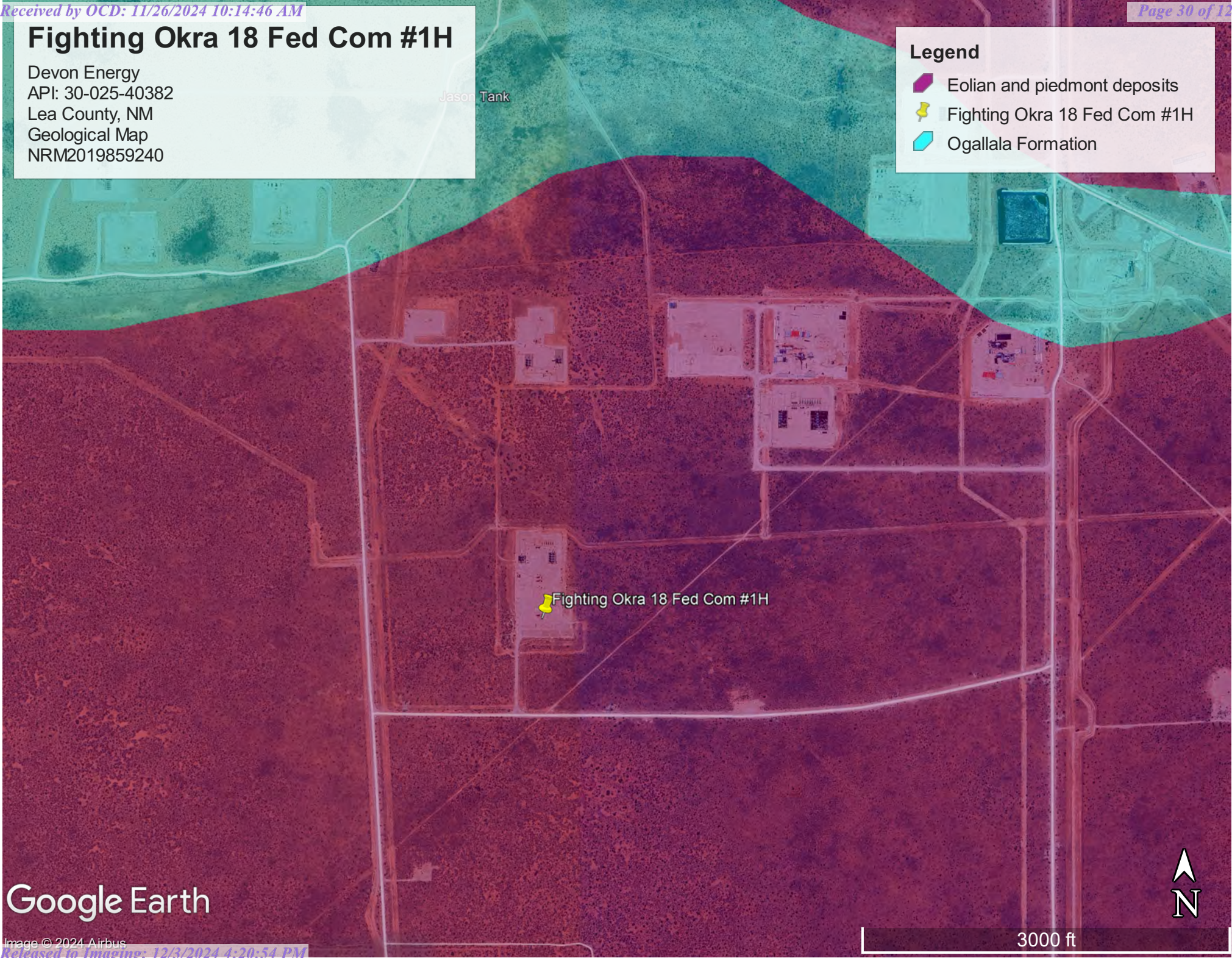
Fighting Okra 18 Fed Com #1H

Devon Energy
API: 30-025-40382
Lea County, NM
Geological Map
NRM2019859240

Jason Tank

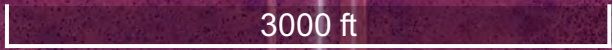
Legend

-  Eolian and piedmont deposits
-  Fighting Okra 18 Fed Com #1H
-  Ogallala Formation



Google Earth

Image © 2024 Airbus



(<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 \(/geology/state/xml/NMQep;0\)](/geology/state/xml/NMQep;0)

[JSON \(/geology/state/json/NMQep;0\)](/geology/state/json/NMQep;0)

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

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

State New Mexico (</geology/state/state.php?state=NM>)

Name Eolian and piedmont deposits

Geologic age Holocene to middle Pleistocene

Lithologic constituents Major
Unconsolidated (Eolian) *Interlayered eolian sands and piedmont-slope deposits*

References

New Mexico Bureau of Geology and Mineral Resources, 2003, Geologic Map of New Mexico, scale 1:500,000 (includes some new polygons, faults, and attributes not in NM001 - heads up digitizing by JHorton).

NGMDB product NGMDB product page for 22974
(https://ngmdb.usgs.gov/Prodesc/proddesc_22974.htm)

Counties Chaves (</geology/state/fips-unit.php?code=f35005>) - DeBaca (</geology/state/fips-unit.php?code=f35011>) - Eddy (</geology/state/fips-unit.php?code=f35015>) - Lea (</geology/state/fips-unit.php?code=f35025>) - Roosevelt (</geology/state/fips-unit.php?code=f35041>)

DOI Privacy Policy (<https://www.doi.gov/privacy>) | Legal (https://www.usgs.gov/laws/policies_notices.html) |

Accessibility (<https://www2.usgs.gov/laws/accessibility.html>) | Site Map (<https://www.usgs.gov/sitemap.html>) |

Contact USGS (<https://answers.usgs.gov/>)

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

National Flood Hazard Layer FIRMette



103°31'18"W 32°2'52"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
		17.5 Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature

MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped

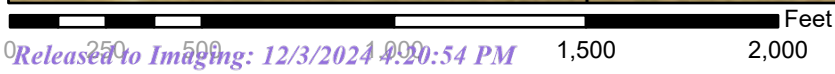


The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 11/22/2024 at 4:36 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.



1:6,000

103°30'41"W 32°2'22"N



Wetlands Map



November 22, 2024

Wetlands

- Estuarine and Marine Deepwater
- Freshwater Emergent Wetland
- Lake
- Estuarine and Marine Wetland
- Freshwater Forested/Shrub Wetland
- Other
- Freshwater Pond
- 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 404295

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 404295
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nRM2019859240
Incident Name	NRM2019859240 FIGHTING OKRA 18 FED COM #1H @ 30-025-40382
Incident Type	Release Other
Incident Status	Initial C-141 Approved
Incident Well	[30-025-40382] FIGHTING OKRA 18 FEDERAL COM #001H

Location of Release Source	
Site Name	FIGHTING OKRA 18 FED COM #1H
Date Release Discovered	06/30/2020
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	1,513
What is the estimated number of samples that will be gathered	18
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/20/2024
Time sampling will commence	08:04 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 Jal, NM Head west on Hwy 182 for approximately 20 miles, turn left and head south on County Rd. 2 for approximately 12 miles to location. E-18-26S-34E, (32.0435333, -103.5164566 NAD83)

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 404295

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 404295
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jraley	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.	11/18/2024



Appendix D

- Photographic Documentation

PHOTOGRAPHIC DOCUMENTATION SITE NAME:

FIGHTING OKRA 18 FED COM 1H

Site Assessment :



Site information sign.



Photograph of site tech assessing the area.



Photograph of site tech assessing the area.



Photograph of site tech assessing the area.

PHOTOGRAPHIC DOCUMENTATION SITE NAME:

FIGHTING OKRA 18 FED COM 1H

Confirmation Samples :



Photo showing where site tech collected confirmation samples facing West.



Photo showing where site tech collected confirmation samples facing Northeast.



Photo showing where site tech collected confirmation samples facing West.

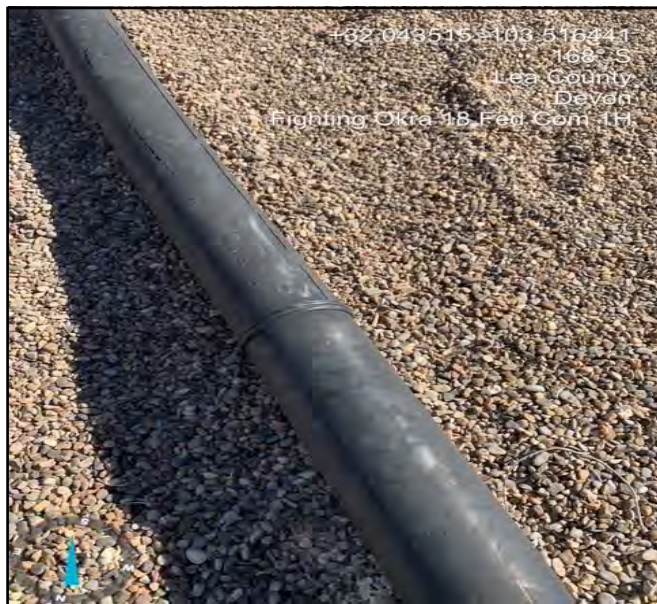


Photo showing where site tech collected confirmation samples facing South.

PHOTOGRAPHIC DOCUMENTATION SITE NAME:

FIGHTING OKRA 18 FED COM 1H

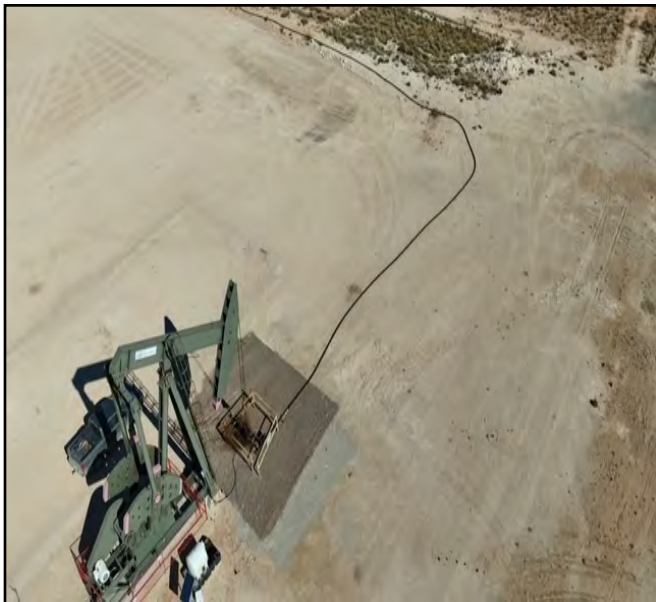
Aerial Photos :



Aerial Photo of the site post-assessment, showcasing the current layout and condition.



Aerial Photo of the site post-assessment, showcasing the current layout and condition.



Aerial Photo of the site post-assessment, showcasing the current layout and condition.



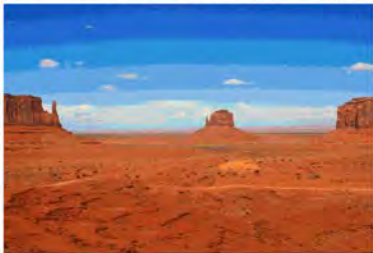
Aerial Photo of the site post-assessment, showcasing the current layout and condition.



Appendix E

- Laboratory Reports

Report to:
Tom Bynum



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Fighting Okra 18 Fed Com 1H

Work Order: E306238

Job Number: 01058-0007

Received: 6/30/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/10/23

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 7/10/23



Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Fighting Okra 18 Fed Com 1H
Workorder: E306238
Date Received: 6/30/2023 8:20:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/30/2023 8:20:00AM, under the Project Name: Fighting Okra 18 Fed Com 1H.

The analytical test results summarized in this report with the Project Name: Fighting Okra 18 Fed Com 1H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

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

Field Offices:

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

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 Fed Com 1H Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 07/10/23 15:18
---	---	------------------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1 - 1'	E306238-01A	Soil	06/27/23	06/30/23	Glass Jar, 2 oz.
S1 - 4'	E306238-02A	Soil	06/27/23	06/30/23	Glass Jar, 2 oz.
S1 - 6'	E306238-03A	Soil	06/27/23	06/30/23	Glass Jar, 2 oz.
S2 - 1'	E306238-04A	Soil	06/27/23	06/30/23	Glass Jar, 2 oz.
S2 - 4'	E306238-05A	Soil	06/27/23	06/30/23	Glass Jar, 2 oz.
S2 - 5'	E306238-06A	Soil	06/27/23	06/30/23	Glass Jar, 2 oz.
S3 - 1'	E306238-07A	Soil	06/27/23	06/30/23	Glass Jar, 2 oz.
S3 - 4'	E306238-08A	Soil	06/27/23	06/30/23	Glass Jar, 2 oz.
S3 - 6'	E306238-09A	Soil	06/27/23	06/30/23	Glass Jar, 2 oz.
S4 - 1'	E306238-10A	Soil	06/27/23	06/30/23	Glass Jar, 2 oz.
S4 - 3'	E306238-11A	Soil	06/27/23	06/30/23	Glass Jar, 2 oz.
S4 - 4'	E306238-12A	Soil	06/27/23	06/30/23	Glass Jar, 2 oz.
S5 - 1'	E306238-13A	Soil	06/27/23	06/30/23	Glass Jar, 2 oz.
S5 - 3'	E306238-14A	Soil	06/27/23	06/30/23	Glass Jar, 2 oz.
S5 - 4'	E306238-15A	Soil	06/27/23	06/30/23	Glass Jar, 2 oz.
S6 - 1'	E306238-16A	Soil	06/27/23	06/30/23	Glass Jar, 2 oz.
S6 - 3'	E306238-17A	Soil	06/27/23	06/30/23	Glass Jar, 2 oz.
S6 - 4'	E306238-18A	Soil	06/27/23	06/30/23	Glass Jar, 2 oz.
S7 - 1'	E306238-19A	Soil	06/27/23	06/30/23	Glass Jar, 2 oz.
S7 - 3'	E306238-20A	Soil	06/27/23	06/30/23	Glass Jar, 2 oz.
S7 - 4'	E306238-21A	Soil	06/27/23	06/30/23	Glass Jar, 2 oz.
S8 - 1'	E306238-22A	Soil	06/27/23	06/30/23	Glass Jar, 2 oz.
S8 - 3'	E306238-23A	Soil	06/27/23	06/30/23	Glass Jar, 2 oz.
S8 - 4'	E306238-24A	Soil	06/27/23	06/30/23	Glass Jar, 2 oz.
SW1	E306238-25A	Soil	06/27/23	06/30/23	Glass Jar, 2 oz.
SW2	E306238-26A	Soil	06/27/23	06/30/23	Glass Jar, 2 oz.
SW3	E306238-27A	Soil	06/27/23	06/30/23	Glass Jar, 2 oz.
SW4	E306238-28A	Soil	06/27/23	06/30/23	Glass Jar, 2 oz.
SW5	E306238-29A	Soil	06/27/23	06/30/23	Glass Jar, 2 oz.
SW6	E306238-30A	Soil	06/27/23	06/30/23	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 Fed Com 1H Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 7/10/2023 3:18:31PM
---	---	---

S1 - 1'

E306238-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2326081
Benzene	ND	0.0250	1	06/30/23	07/01/23	
Ethylbenzene	ND	0.0250	1	06/30/23	07/01/23	
Toluene	ND	0.0250	1	06/30/23	07/01/23	
o-Xylene	ND	0.0250	1	06/30/23	07/01/23	
p,m-Xylene	ND	0.0500	1	06/30/23	07/01/23	
Total Xylenes	ND	0.0250	1	06/30/23	07/01/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.3 %	70-130	06/30/23	07/01/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2326081
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/23	07/01/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		86.5 %	70-130	06/30/23	07/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2327030
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/23	07/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/07/23	
<i>Surrogate: n-Nonane</i>		101 %	50-200	07/06/23	07/07/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2327024
Chloride	811	20.0	1	07/06/23	07/06/23	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 Fed Com 1H Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 7/10/2023 3:18:31PM
---	---	---

S1 - 4'

E306238-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY		Batch: 2326081
Benzene	ND	0.0250	1	06/30/23	07/01/23	
Ethylbenzene	ND	0.0250	1	06/30/23	07/01/23	
Toluene	ND	0.0250	1	06/30/23	07/01/23	
o-Xylene	ND	0.0250	1	06/30/23	07/01/23	
p,m-Xylene	ND	0.0500	1	06/30/23	07/01/23	
Total Xylenes	ND	0.0250	1	06/30/23	07/01/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.7 %	70-130	06/30/23	07/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2326081
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/23	07/01/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.4 %	70-130	06/30/23	07/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2327030
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/23	07/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/07/23	
<i>Surrogate: n-Nonane</i>		99.2 %	50-200	07/06/23	07/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA		Batch: 2327024
Chloride	177	20.0	1	07/06/23	07/06/23	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 Fed Com 1H Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 7/10/2023 3:18:31PM
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S1 - 6'

E306238-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2326081
Benzene	ND	0.0250	1	06/30/23	07/01/23	
Ethylbenzene	ND	0.0250	1	06/30/23	07/01/23	
Toluene	ND	0.0250	1	06/30/23	07/01/23	
o-Xylene	ND	0.0250	1	06/30/23	07/01/23	
p,m-Xylene	ND	0.0500	1	06/30/23	07/01/23	
Total Xylenes	ND	0.0250	1	06/30/23	07/01/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		98.4 %	70-130	06/30/23	07/01/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2326081
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/23	07/01/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		87.6 %	70-130	06/30/23	07/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2327030
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/23	07/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/07/23	
<i>Surrogate: n-Nonane</i>						
		104 %	50-200	07/06/23	07/07/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2327024
Chloride	ND	20.0	1	07/06/23	07/06/23	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 Fed Com 1H Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 7/10/2023 3:18:31PM
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S2 - 1'

E306238-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY		Batch: 2326081
Benzene	ND	0.0250	1	06/30/23	07/01/23	
Ethylbenzene	ND	0.0250	1	06/30/23	07/01/23	
Toluene	ND	0.0250	1	06/30/23	07/01/23	
o-Xylene	ND	0.0250	1	06/30/23	07/01/23	
p,m-Xylene	ND	0.0500	1	06/30/23	07/01/23	
Total Xylenes	ND	0.0250	1	06/30/23	07/01/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.8 %	70-130	06/30/23	07/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2326081
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/23	07/01/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.3 %	70-130	06/30/23	07/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2327030
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/23	07/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/07/23	
<i>Surrogate: n-Nonane</i>		102 %	50-200	07/06/23	07/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA		Batch: 2327024
Chloride	187	20.0	1	07/06/23	07/06/23	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 Fed Com 1H Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 7/10/2023 3:18:31PM
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S2 - 4'

E306238-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY		Batch: 2326081
Benzene	ND	0.0250	1	06/30/23	07/01/23	
Ethylbenzene	ND	0.0250	1	06/30/23	07/01/23	
Toluene	ND	0.0250	1	06/30/23	07/01/23	
o-Xylene	ND	0.0250	1	06/30/23	07/01/23	
p,m-Xylene	ND	0.0500	1	06/30/23	07/01/23	
Total Xylenes	ND	0.0250	1	06/30/23	07/01/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.7 %	70-130	06/30/23	07/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2326081
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/23	07/01/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.2 %	70-130	06/30/23	07/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2327030
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/23	07/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/07/23	
<i>Surrogate: n-Nonane</i>		104 %	50-200	07/06/23	07/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA		Batch: 2327024
Chloride	58.1	20.0	1	07/06/23	07/06/23	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 Fed Com 1H Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 7/10/2023 3:18:31PM
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S2 - 5'

E306238-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY		Batch: 2326081
Benzene	ND	0.0250	1	06/30/23	07/01/23	
Ethylbenzene	ND	0.0250	1	06/30/23	07/01/23	
Toluene	ND	0.0250	1	06/30/23	07/01/23	
o-Xylene	ND	0.0250	1	06/30/23	07/01/23	
p,m-Xylene	ND	0.0500	1	06/30/23	07/01/23	
Total Xylenes	ND	0.0250	1	06/30/23	07/01/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.1 %	70-130	06/30/23	07/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2326081
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/23	07/01/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.1 %	70-130	06/30/23	07/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2327030
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/23	07/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/07/23	
<i>Surrogate: n-Nonane</i>		106 %	50-200	07/06/23	07/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA		Batch: 2327024
Chloride	ND	20.0	1	07/06/23	07/06/23	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 Fed Com 1H Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 7/10/2023 3:18:31PM
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S3 - 1'

E306238-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2326081
Benzene	ND	0.0250	1	06/30/23	07/01/23	
Ethylbenzene	ND	0.0250	1	06/30/23	07/01/23	
Toluene	ND	0.0250	1	06/30/23	07/01/23	
o-Xylene	ND	0.0250	1	06/30/23	07/01/23	
p,m-Xylene	ND	0.0500	1	06/30/23	07/01/23	
Total Xylenes	ND	0.0250	1	06/30/23	07/01/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		98.1 %	70-130	06/30/23	07/01/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2326081
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/23	07/01/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		87.8 %	70-130	06/30/23	07/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2327030
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/23	07/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/07/23	
<i>Surrogate: n-Nonane</i>						
		112 %	50-200	07/06/23	07/07/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2327024
Chloride	112	20.0	1	07/06/23	07/07/23	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 Fed Com 1H Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 7/10/2023 3:18:31PM
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S3 - 4'

E306238-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY		Batch: 2326081
Benzene	ND	0.0250	1	06/30/23	07/01/23	
Ethylbenzene	ND	0.0250	1	06/30/23	07/01/23	
Toluene	ND	0.0250	1	06/30/23	07/01/23	
o-Xylene	ND	0.0250	1	06/30/23	07/01/23	
p,m-Xylene	ND	0.0500	1	06/30/23	07/01/23	
Total Xylenes	ND	0.0250	1	06/30/23	07/01/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.8 %	70-130	06/30/23	07/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2326081
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/23	07/01/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.6 %	70-130	06/30/23	07/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2327030
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/23	07/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/07/23	
<i>Surrogate: n-Nonane</i>		105 %	50-200	07/06/23	07/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA		Batch: 2327024
Chloride	107	20.0	1	07/06/23	07/07/23	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 Fed Com 1H Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 7/10/2023 3:18:31PM
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S3 - 6'

E306238-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2326081
Benzene	ND	0.0250	1	06/30/23	07/01/23	
Ethylbenzene	ND	0.0250	1	06/30/23	07/01/23	
Toluene	ND	0.0250	1	06/30/23	07/01/23	
o-Xylene	ND	0.0250	1	06/30/23	07/01/23	
p,m-Xylene	ND	0.0500	1	06/30/23	07/01/23	
Total Xylenes	ND	0.0250	1	06/30/23	07/01/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		99.1 %	70-130	06/30/23	07/01/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2326081
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/23	07/01/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		87.1 %	70-130	06/30/23	07/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2327030
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/23	07/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/08/23	
<i>Surrogate: n-Nonane</i>						
		103 %	50-200	07/06/23	07/08/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2327024
Chloride	ND	20.0	1	07/06/23	07/07/23	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 Fed Com 1H Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 7/10/2023 3:18:31PM
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S4 - 1'

E306238-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2326081
Benzene	ND	0.0250	1	06/30/23	07/01/23	
Ethylbenzene	ND	0.0250	1	06/30/23	07/01/23	
Toluene	ND	0.0250	1	06/30/23	07/01/23	
o-Xylene	ND	0.0250	1	06/30/23	07/01/23	
p,m-Xylene	ND	0.0500	1	06/30/23	07/01/23	
Total Xylenes	ND	0.0250	1	06/30/23	07/01/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		97.6 %	70-130	06/30/23	07/01/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2326081
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/23	07/01/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		87.2 %	70-130	06/30/23	07/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2327030
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/23	07/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/08/23	
<i>Surrogate: n-Nonane</i>						
		105 %	50-200	07/06/23	07/08/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2327024
Chloride	242	20.0	1	07/06/23	07/07/23	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 Fed Com 1H Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 7/10/2023 3:18:31PM
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S4 - 3'

E306238-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2326081
Benzene	ND	0.0250	1	06/30/23	07/01/23	
Ethylbenzene	ND	0.0250	1	06/30/23	07/01/23	
Toluene	ND	0.0250	1	06/30/23	07/01/23	
o-Xylene	ND	0.0250	1	06/30/23	07/01/23	
p,m-Xylene	ND	0.0500	1	06/30/23	07/01/23	
Total Xylenes	ND	0.0250	1	06/30/23	07/01/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		97.7 %	70-130	06/30/23	07/01/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2326081
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/23	07/01/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		88.2 %	70-130	06/30/23	07/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2327030
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/23	07/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/08/23	
<i>Surrogate: n-Nonane</i>						
		102 %	50-200	07/06/23	07/08/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2327024
Chloride	ND	20.0	1	07/06/23	07/07/23	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 Fed Com 1H Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 7/10/2023 3:18:31PM
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S4 - 4'

E306238-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2326081
Benzene	ND	0.0250	1	06/30/23	07/01/23	
Ethylbenzene	ND	0.0250	1	06/30/23	07/01/23	
Toluene	ND	0.0250	1	06/30/23	07/01/23	
o-Xylene	ND	0.0250	1	06/30/23	07/01/23	
p,m-Xylene	ND	0.0500	1	06/30/23	07/01/23	
Total Xylenes	ND	0.0250	1	06/30/23	07/01/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		97.5 %	70-130	06/30/23	07/01/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2326081
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/23	07/01/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		87.2 %	70-130	06/30/23	07/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2327030
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/23	07/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/08/23	
<i>Surrogate: n-Nonane</i>						
		103 %	50-200	07/06/23	07/08/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2327024
Chloride	ND	20.0	1	07/06/23	07/07/23	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 Fed Com 1H Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 7/10/2023 3:18:31PM
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S5 - 1'

E306238-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY		Batch: 2326081
Benzene	ND	0.0250	1	06/30/23	07/01/23	
Ethylbenzene	ND	0.0250	1	06/30/23	07/01/23	
Toluene	ND	0.0250	1	06/30/23	07/01/23	
o-Xylene	ND	0.0250	1	06/30/23	07/01/23	
p,m-Xylene	ND	0.0500	1	06/30/23	07/01/23	
Total Xylenes	ND	0.0250	1	06/30/23	07/01/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.0 %	70-130	06/30/23	07/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2326081
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/23	07/01/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.8 %	70-130	06/30/23	07/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2327030
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/23	07/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/08/23	
<i>Surrogate: n-Nonane</i>		101 %	50-200	07/06/23	07/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA		Batch: 2327024
Chloride	96.8	20.0	1	07/06/23	07/07/23	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 Fed Com 1H Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 7/10/2023 3:18:31PM
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S5 - 3'

E306238-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2326081
Benzene	ND	0.0250	1	06/30/23	07/01/23	
Ethylbenzene	ND	0.0250	1	06/30/23	07/01/23	
Toluene	ND	0.0250	1	06/30/23	07/01/23	
o-Xylene	ND	0.0250	1	06/30/23	07/01/23	
p,m-Xylene	ND	0.0500	1	06/30/23	07/01/23	
Total Xylenes	ND	0.0250	1	06/30/23	07/01/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		99.9 %	70-130	06/30/23	07/01/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2326081
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/23	07/01/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		88.0 %	70-130	06/30/23	07/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2327030
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/23	07/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/08/23	
<i>Surrogate: n-Nonane</i>						
		99.8 %	50-200	07/06/23	07/08/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2327024
Chloride	ND	20.0	1	07/06/23	07/07/23	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 Fed Com 1H Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 7/10/2023 3:18:31PM
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S5 - 4'

E306238-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2326081
Benzene	ND	0.0250	1	06/30/23	07/01/23	
Ethylbenzene	ND	0.0250	1	06/30/23	07/01/23	
Toluene	ND	0.0250	1	06/30/23	07/01/23	
o-Xylene	ND	0.0250	1	06/30/23	07/01/23	
p,m-Xylene	ND	0.0500	1	06/30/23	07/01/23	
Total Xylenes	ND	0.0250	1	06/30/23	07/01/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		99.2 %	70-130	06/30/23	07/01/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2326081
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/23	07/01/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		87.2 %	70-130	06/30/23	07/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2327030
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/23	07/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/08/23	
<i>Surrogate: n-Nonane</i>						
		102 %	50-200	07/06/23	07/08/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2327024
Chloride	ND	20.0	1	07/06/23	07/07/23	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 Fed Com 1H Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 7/10/2023 3:18:31PM
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S6 - 1'

E306238-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2326081
Benzene	ND	0.0250	1	06/30/23	07/01/23	
Ethylbenzene	ND	0.0250	1	06/30/23	07/01/23	
Toluene	ND	0.0250	1	06/30/23	07/01/23	
o-Xylene	ND	0.0250	1	06/30/23	07/01/23	
p,m-Xylene	ND	0.0500	1	06/30/23	07/01/23	
Total Xylenes	ND	0.0250	1	06/30/23	07/01/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		98.5 %	70-130	06/30/23	07/01/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2326081
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/23	07/01/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		87.1 %	70-130	06/30/23	07/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2327030
Diesel Range Organics (C10-C28)	25.0	25.0	1	07/06/23	07/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/08/23	
<i>Surrogate: n-Nonane</i>						
		102 %	50-200	07/06/23	07/08/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2327024
Chloride	1180	20.0	1	07/06/23	07/07/23	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 Fed Com 1H Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 7/10/2023 3:18:31PM
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S6 - 3'

E306238-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY		Batch: 2326081
Benzene	ND	0.0250	1	06/30/23	07/01/23	
Ethylbenzene	ND	0.0250	1	06/30/23	07/01/23	
Toluene	ND	0.0250	1	06/30/23	07/01/23	
o-Xylene	ND	0.0250	1	06/30/23	07/01/23	
p,m-Xylene	ND	0.0500	1	06/30/23	07/01/23	
Total Xylenes	ND	0.0250	1	06/30/23	07/01/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.4 %	70-130	06/30/23	07/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2326081
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/23	07/01/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.3 %	70-130	06/30/23	07/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2327030
Diesel Range Organics (C10-C28)	32.6	25.0	1	07/06/23	07/08/23	
Oil Range Organics (C28-C36)	57.3	50.0	1	07/06/23	07/08/23	
<i>Surrogate: n-Nonane</i>		115 %	50-200	07/06/23	07/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA		Batch: 2327024
Chloride	1170	20.0	1	07/06/23	07/07/23	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 Fed Com 1H Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 7/10/2023 3:18:31PM
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S6 - 4'

E306238-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY		Batch: 2326081
Benzene	ND	0.0250	1	06/30/23	07/01/23	
Ethylbenzene	ND	0.0250	1	06/30/23	07/01/23	
Toluene	ND	0.0250	1	06/30/23	07/01/23	
o-Xylene	ND	0.0250	1	06/30/23	07/01/23	
p,m-Xylene	ND	0.0500	1	06/30/23	07/01/23	
Total Xylenes	ND	0.0250	1	06/30/23	07/01/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.3 %	70-130	06/30/23	07/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2326081
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/23	07/01/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.4 %	70-130	06/30/23	07/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2327030
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/23	07/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/08/23	
<i>Surrogate: n-Nonane</i>		104 %	50-200	07/06/23	07/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA		Batch: 2327024
Chloride	ND	20.0	1	07/06/23	07/07/23	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 Fed Com 1H Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 7/10/2023 3:18:31PM
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S7 - 1'

E306238-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY		Batch: 2326081
Benzene	ND	0.0250	1	06/30/23	07/01/23	
Ethylbenzene	ND	0.0250	1	06/30/23	07/01/23	
Toluene	ND	0.0250	1	06/30/23	07/01/23	
o-Xylene	ND	0.0250	1	06/30/23	07/01/23	
p,m-Xylene	ND	0.0500	1	06/30/23	07/01/23	
Total Xylenes	ND	0.0250	1	06/30/23	07/01/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.1 %	70-130	06/30/23	07/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2326081
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/23	07/01/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		86.6 %	70-130	06/30/23	07/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2327030
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/23	07/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/08/23	
<i>Surrogate: n-Nonane</i>		107 %	50-200	07/06/23	07/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA		Batch: 2327024
Chloride	1500	20.0	1	07/06/23	07/07/23	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 Fed Com 1H Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 7/10/2023 3:18:31PM
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S7 - 3'

E306238-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY		Batch: 2326081
Benzene	ND	0.0250	1	06/30/23	07/01/23	
Ethylbenzene	ND	0.0250	1	06/30/23	07/01/23	
Toluene	ND	0.0250	1	06/30/23	07/01/23	
o-Xylene	ND	0.0250	1	06/30/23	07/01/23	
p,m-Xylene	ND	0.0500	1	06/30/23	07/01/23	
Total Xylenes	ND	0.0250	1	06/30/23	07/01/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.0 %	70-130	06/30/23	07/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2326081
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/23	07/01/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		84.6 %	70-130	06/30/23	07/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2327030
Diesel Range Organics (C10-C28)	36.9	25.0	1	07/06/23	07/08/23	
Oil Range Organics (C28-C36)	67.7	50.0	1	07/06/23	07/08/23	
<i>Surrogate: n-Nonane</i>		103 %	50-200	07/06/23	07/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA		Batch: 2327024
Chloride	1060	20.0	1	07/06/23	07/07/23	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 Fed Com 1H Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 7/10/2023 3:18:31PM
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S7 - 4'

E306238-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2326082
Benzene	ND	0.0250	1	06/30/23	07/06/23	
Ethylbenzene	ND	0.0250	1	06/30/23	07/06/23	
Toluene	ND	0.0250	1	06/30/23	07/06/23	
o-Xylene	ND	0.0250	1	06/30/23	07/06/23	
p,m-Xylene	ND	0.0500	1	06/30/23	07/06/23	
Total Xylenes	ND	0.0250	1	06/30/23	07/06/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.2 %	70-130	06/30/23	07/06/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2326082
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/23	07/06/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.6 %	70-130	06/30/23	07/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2327031
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/23	07/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/08/23	
<i>Surrogate: n-Nonane</i>		93.7 %	50-200	07/06/23	07/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA		Batch: 2327027
Chloride	ND	20.0	1	07/06/23	07/06/23	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 Fed Com 1H Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 7/10/2023 3:18:31PM
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S8 - 1'

E306238-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2326082
Benzene	ND	0.0250	1	06/30/23	07/06/23	
Ethylbenzene	ND	0.0250	1	06/30/23	07/06/23	
Toluene	ND	0.0250	1	06/30/23	07/06/23	
o-Xylene	ND	0.0250	1	06/30/23	07/06/23	
p,m-Xylene	ND	0.0500	1	06/30/23	07/06/23	
Total Xylenes	ND	0.0250	1	06/30/23	07/06/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.5 %	70-130	06/30/23	07/06/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2326082
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/23	07/06/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.6 %	70-130	06/30/23	07/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2327031
Diesel Range Organics (C10-C28)	29.3	25.0	1	07/06/23	07/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/08/23	
<i>Surrogate: n-Nonane</i>		98.0 %	50-200	07/06/23	07/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA		Batch: 2327027
Chloride	1310	20.0	1	07/06/23	07/06/23	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 Fed Com 1H Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 7/10/2023 3:18:31PM
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S8 - 3'

E306238-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2326082
Benzene	ND	0.0250	1	06/30/23	07/06/23	
Ethylbenzene	ND	0.0250	1	06/30/23	07/06/23	
Toluene	ND	0.0250	1	06/30/23	07/06/23	
o-Xylene	ND	0.0250	1	06/30/23	07/06/23	
p,m-Xylene	ND	0.0500	1	06/30/23	07/06/23	
Total Xylenes	ND	0.0250	1	06/30/23	07/06/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.1 %	70-130	06/30/23	07/06/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2326082
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/23	07/06/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.3 %	70-130	06/30/23	07/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2327031
Diesel Range Organics (C10-C28)	33.4	25.0	1	07/06/23	07/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/08/23	
<i>Surrogate: n-Nonane</i>		93.4 %	50-200	07/06/23	07/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA		Batch: 2327027
Chloride	1000	20.0	1	07/06/23	07/06/23	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 Fed Com 1H Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 7/10/2023 3:18:31PM
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S8 - 4'

E306238-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2326082
Benzene	ND	0.0250	1	06/30/23	07/07/23	
Ethylbenzene	ND	0.0250	1	06/30/23	07/07/23	
Toluene	ND	0.0250	1	06/30/23	07/07/23	
o-Xylene	ND	0.0250	1	06/30/23	07/07/23	
p,m-Xylene	ND	0.0500	1	06/30/23	07/07/23	
Total Xylenes	ND	0.0250	1	06/30/23	07/07/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.4 %	70-130		06/30/23	07/07/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2326082
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/23	07/07/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.2 %	70-130		06/30/23	07/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2327031
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/23	07/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/08/23	
<i>Surrogate: n-Nonane</i>						
	95.0 %	50-200		07/06/23	07/08/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2327027
Chloride	ND	20.0	1	07/06/23	07/06/23	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 Fed Com 1H Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 7/10/2023 3:18:31PM
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SW1

E306238-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2326082
Benzene	ND	0.0250	1	06/30/23	07/07/23	
Ethylbenzene	ND	0.0250	1	06/30/23	07/07/23	
Toluene	ND	0.0250	1	06/30/23	07/07/23	
o-Xylene	ND	0.0250	1	06/30/23	07/07/23	
p,m-Xylene	ND	0.0500	1	06/30/23	07/07/23	
Total Xylenes	ND	0.0250	1	06/30/23	07/07/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		95.6 %	70-130	06/30/23	07/07/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2326082
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/23	07/07/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		87.5 %	70-130	06/30/23	07/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2327031
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/23	07/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/08/23	
<i>Surrogate: n-Nonane</i>						
		103 %	50-200	07/06/23	07/08/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2327027
Chloride	ND	20.0	1	07/06/23	07/06/23	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 Fed Com 1H Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 7/10/2023 3:18:31PM
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SW2

E306238-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2326082
Benzene	ND	0.0250	1	06/30/23	07/07/23	
Ethylbenzene	ND	0.0250	1	06/30/23	07/07/23	
Toluene	ND	0.0250	1	06/30/23	07/07/23	
o-Xylene	ND	0.0250	1	06/30/23	07/07/23	
p,m-Xylene	ND	0.0500	1	06/30/23	07/07/23	
Total Xylenes	ND	0.0250	1	06/30/23	07/07/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.8 %	70-130		06/30/23	07/07/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2326082
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/23	07/07/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.9 %	70-130		06/30/23	07/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2327031
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/23	07/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/08/23	
<i>Surrogate: n-Nonane</i>						
	95.4 %	50-200		07/06/23	07/08/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2327027
Chloride	ND	20.0	1	07/06/23	07/06/23	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 Fed Com 1H Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 7/10/2023 3:18:31PM
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SW3

E306238-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2326082
Benzene	ND	0.0250	1	06/30/23	07/07/23	
Ethylbenzene	ND	0.0250	1	06/30/23	07/07/23	
Toluene	ND	0.0250	1	06/30/23	07/07/23	
o-Xylene	ND	0.0250	1	06/30/23	07/07/23	
p,m-Xylene	ND	0.0500	1	06/30/23	07/07/23	
Total Xylenes	ND	0.0250	1	06/30/23	07/07/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.4 %	70-130	06/30/23	07/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2326082
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/23	07/07/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		86.2 %	70-130	06/30/23	07/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2327031
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/23	07/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/08/23	
<i>Surrogate: n-Nonane</i>		93.9 %	50-200	07/06/23	07/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA		Batch: 2327027
Chloride	ND	20.0	1	07/06/23	07/06/23	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 Fed Com 1H Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 7/10/2023 3:18:31PM
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SW4

E306238-28

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2326082
Benzene	ND	0.0250	1	06/30/23	07/07/23	
Ethylbenzene	ND	0.0250	1	06/30/23	07/07/23	
Toluene	ND	0.0250	1	06/30/23	07/07/23	
o-Xylene	ND	0.0250	1	06/30/23	07/07/23	
p,m-Xylene	ND	0.0500	1	06/30/23	07/07/23	
Total Xylenes	ND	0.0250	1	06/30/23	07/07/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.1 %	70-130	06/30/23	07/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2326082
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/23	07/07/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.3 %	70-130	06/30/23	07/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2327031
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/23	07/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/08/23	
<i>Surrogate: n-Nonane</i>		96.6 %	50-200	07/06/23	07/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA		Batch: 2327027
Chloride	ND	20.0	1	07/06/23	07/06/23	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 Fed Com 1H Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 7/10/2023 3:18:31PM
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SW5

E306238-29

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2326082
Benzene	ND	0.0250	1	06/30/23	07/07/23	
Ethylbenzene	ND	0.0250	1	06/30/23	07/07/23	
Toluene	ND	0.0250	1	06/30/23	07/07/23	
o-Xylene	ND	0.0250	1	06/30/23	07/07/23	
p,m-Xylene	ND	0.0500	1	06/30/23	07/07/23	
Total Xylenes	ND	0.0250	1	06/30/23	07/07/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		97.2 %	70-130	06/30/23	07/07/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2326082
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/23	07/07/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		89.8 %	70-130	06/30/23	07/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2327032
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/23	07/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/07/23	
<i>Surrogate: n-Nonane</i>						
		109 %	50-200	07/06/23	07/07/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2327027
Chloride	ND	20.0	1	07/06/23	07/06/23	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 Fed Com 1H Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 7/10/2023 3:18:31PM
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SW6

E306238-30

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2326082
Benzene	ND	0.0250	1	06/30/23	07/07/23	
Ethylbenzene	ND	0.0250	1	06/30/23	07/07/23	
Toluene	ND	0.0250	1	06/30/23	07/07/23	
o-Xylene	ND	0.0250	1	06/30/23	07/07/23	
p,m-Xylene	ND	0.0500	1	06/30/23	07/07/23	
Total Xylenes	ND	0.0250	1	06/30/23	07/07/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		95.6 %	70-130	06/30/23	07/07/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2326082
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/30/23	07/07/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.0 %	70-130	06/30/23	07/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2327032
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/23	07/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/23	07/07/23	
<i>Surrogate: n-Nonane</i>						
		112 %	50-200	07/06/23	07/07/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2327027
Chloride	ND	20.0	1	07/06/23	07/06/23	



QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 Fed Com 1H Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 7/10/2023 3:18:31PM
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Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2326081-BLK1)

Prepared: 06/30/23 Analyzed: 07/01/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.87		8.00		98.4		70-130		

LCS (2326081-BS1)

Prepared: 06/30/23 Analyzed: 07/01/23

Benzene	4.59	0.0250	5.00		91.9		70-130		
Ethylbenzene	4.43	0.0250	5.00		88.5		70-130		
Toluene	4.59	0.0250	5.00		91.7		70-130		
o-Xylene	4.58	0.0250	5.00		91.6		70-130		
p,m-Xylene	9.16	0.0500	10.0		91.6		70-130		
Total Xylenes	13.7	0.0250	15.0		91.6		70-130		
Surrogate: 4-Bromochlorobenzene-PID	8.00		8.00		100		70-130		

Matrix Spike (2326081-MS1)

Source: E306238-03

Prepared: 06/30/23 Analyzed: 07/01/23

Benzene	4.94	0.0250	5.00	ND	98.7		54-133		
Ethylbenzene	4.75	0.0250	5.00	ND	95.0		61-133		
Toluene	4.93	0.0250	5.00	ND	98.6		61-130		
o-Xylene	4.91	0.0250	5.00	ND	98.3		63-131		
p,m-Xylene	9.81	0.0500	10.0	ND	98.1		63-131		
Total Xylenes	14.7	0.0250	15.0	ND	98.2		63-131		
Surrogate: 4-Bromochlorobenzene-PID	8.08		8.00		101		70-130		

Matrix Spike Dup (2326081-MSD1)

Source: E306238-03

Prepared: 06/30/23 Analyzed: 07/01/23

Benzene	4.82	0.0250	5.00	ND	96.4		54-133	2.43	20
Ethylbenzene	4.64	0.0250	5.00	ND	92.8		61-133	2.32	20
Toluene	4.82	0.0250	5.00	ND	96.4		61-130	2.29	20
o-Xylene	4.80	0.0250	5.00	ND	96.0		63-131	2.36	20
p,m-Xylene	9.59	0.0500	10.0	ND	95.9		63-131	2.27	20
Total Xylenes	14.4	0.0250	15.0	ND	95.9		63-131	2.30	20
Surrogate: 4-Bromochlorobenzene-PID	8.04		8.00		101		70-130		



QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 Fed Com 1H Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 7/10/2023 3:18:31PM
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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 (2326082-BLK1)

Prepared: 06/30/23 Analyzed: 07/06/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.61		8.00		95.1	70-130			

LCS (2326082-BS1)

Prepared: 06/30/23 Analyzed: 07/06/23

Benzene	4.94	0.0250	5.00		98.7	70-130			
Ethylbenzene	4.83	0.0250	5.00		96.5	70-130			
Toluene	4.92	0.0250	5.00		98.4	70-130			
o-Xylene	4.86	0.0250	5.00		97.3	70-130			
p,m-Xylene	9.80	0.0500	10.0		98.0	70-130			
Total Xylenes	14.7	0.0250	15.0		97.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.62		8.00		95.3	70-130			

Matrix Spike (2326082-MS1)

Source: E306232-04

Prepared: 06/30/23 Analyzed: 07/06/23

Benzene	4.92	0.0250	5.00	ND	98.4	54-133			
Ethylbenzene	4.81	0.0250	5.00	ND	96.2	61-133			
Toluene	4.92	0.0250	5.00	ND	98.3	61-130			
o-Xylene	4.84	0.0250	5.00	ND	96.9	63-131			
p,m-Xylene	9.79	0.0500	10.0	ND	97.9	63-131			
Total Xylenes	14.6	0.0250	15.0	ND	97.5	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.70		8.00		96.2	70-130			

Matrix Spike Dup (2326082-MSD1)

Source: E306232-04

Prepared: 06/30/23 Analyzed: 07/06/23

Benzene	5.18	0.0250	5.00	ND	104	54-133	5.15	20	
Ethylbenzene	5.10	0.0250	5.00	ND	102	61-133	5.95	20	
Toluene	5.18	0.0250	5.00	ND	104	61-130	5.32	20	
o-Xylene	5.11	0.0250	5.00	ND	102	63-131	5.37	20	
p,m-Xylene	10.4	0.0500	10.0	ND	104	63-131	5.89	20	
Total Xylenes	15.5	0.0250	15.0	ND	103	63-131	5.71	20	
Surrogate: 4-Bromochlorobenzene-PID	7.68		8.00		96.0	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 Fed Com 1H Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 7/10/2023 3:18:31PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2326081-BLK1)

Prepared: 06/30/23 Analyzed: 07/01/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.95		8.00		86.9	70-130			

LCS (2326081-BS2)

Prepared: 06/30/23 Analyzed: 07/01/23

Gasoline Range Organics (C6-C10)	45.6	20.0	50.0		91.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.99		8.00		87.4	70-130			

Matrix Spike (2326081-MS2)

Source: E306238-03

Prepared: 06/30/23 Analyzed: 07/01/23

Gasoline Range Organics (C6-C10)	42.0	20.0	50.0	ND	84.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.07		8.00		88.4	70-130			

Matrix Spike Dup (2326081-MSD2)

Source: E306238-03

Prepared: 06/30/23 Analyzed: 07/01/23

Gasoline Range Organics (C6-C10)	41.7	20.0	50.0	ND	83.3	70-130	0.914	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.05		8.00		88.1	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 Fed Com 1H Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 7/10/2023 3:18:31PM
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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 (2326082-BLK1)

Prepared: 06/30/23 Analyzed: 07/06/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.31		8.00		91.4	70-130			

LCS (2326082-BS2)

Prepared: 06/30/23 Analyzed: 07/06/23

Gasoline Range Organics (C6-C10)	44.3	20.0	50.0		88.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.8	70-130			

Matrix Spike (2326082-MS2)

Source: E306232-04

Prepared: 06/30/23 Analyzed: 07/06/23

Gasoline Range Organics (C6-C10)	45.6	20.0	50.0	ND	91.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.21		8.00		90.1	70-130			

Matrix Spike Dup (2326082-MSD2)

Source: E306232-04

Prepared: 06/30/23 Analyzed: 07/06/23

Gasoline Range Organics (C6-C10)	47.2	20.0	50.0	ND	94.4	70-130	3.40	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.31		8.00		91.4	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 Fed Com 1H Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 7/10/2023 3:18:31PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2327030-BLK1)

Prepared: 07/06/23 Analyzed: 07/07/23

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.2		50.0		98.3	50-200			

LCS (2327030-BS1)

Prepared: 07/06/23 Analyzed: 07/07/23

Diesel Range Organics (C10-C28)	265	25.0	250		106	38-132			
Surrogate: n-Nonane	49.8		50.0		99.6	50-200			

Matrix Spike (2327030-MS1)

Source: E306238-10

Prepared: 07/06/23 Analyzed: 07/07/23

Diesel Range Organics (C10-C28)	253	25.0	250	ND	101	38-132			
Surrogate: n-Nonane	47.2		50.0		94.3	50-200			

Matrix Spike Dup (2327030-MSD1)

Source: E306238-10

Prepared: 07/06/23 Analyzed: 07/07/23

Diesel Range Organics (C10-C28)	263	25.0	250	ND	105	38-132	3.92	20	
Surrogate: n-Nonane	45.8		50.0		91.6	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 Fed Com 1H Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 7/10/2023 3:18:31PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2327031-BLK1)

Prepared: 07/06/23 Analyzed: 07/07/23

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	45.1		50.0		90.3	50-200			

LCS (2327031-BS1)

Prepared: 07/06/23 Analyzed: 07/07/23

Diesel Range Organics (C10-C28)	254	25.0	250		102	38-132			
Surrogate: n-Nonane	46.4		50.0		92.7	50-200			

Matrix Spike (2327031-MS1)

Source: E306233-05

Prepared: 07/06/23 Analyzed: 07/07/23

Diesel Range Organics (C10-C28)	281	25.0	250	ND	112	38-132			
Surrogate: n-Nonane	47.0		50.0		94.0	50-200			

Matrix Spike Dup (2327031-MSD1)

Source: E306233-05

Prepared: 07/06/23 Analyzed: 07/07/23

Diesel Range Organics (C10-C28)	255	25.0	250	ND	102	38-132	9.67	20	
Surrogate: n-Nonane	44.6		50.0		89.2	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 Fed Com 1H Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 7/10/2023 3:18:31PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2327032-BLK1)

Prepared: 07/06/23 Analyzed: 07/07/23

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	54.0		50.0		108	50-200			

LCS (2327032-BS1)

Prepared: 07/06/23 Analyzed: 07/07/23

Diesel Range Organics (C10-C28)	284	25.0	250		114	38-132			
Surrogate: n-Nonane	54.2		50.0		108	50-200			

Matrix Spike (2327032-MS1)

Source: E306237-07

Prepared: 07/06/23 Analyzed: 07/07/23

Diesel Range Organics (C10-C28)	369	25.0	250	76.9	117	38-132			
Surrogate: n-Nonane	56.9		50.0		114	50-200			

Matrix Spike Dup (2327032-MSD1)

Source: E306237-07

Prepared: 07/06/23 Analyzed: 07/07/23

Diesel Range Organics (C10-C28)	317	25.0	250	76.9	96.1	38-132	15.1	20	
Surrogate: n-Nonane	54.5		50.0		109	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 Fed Com 1H Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 7/10/2023 3:18:31PM
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Anions by EPA 300.0/9056A

Analyst: BA

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

Blank (2327024-BLK1)

Prepared: 07/06/23 Analyzed: 07/06/23

Chloride	ND	20.0							
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LCS (2327024-BS1)

Prepared: 07/06/23 Analyzed: 07/06/23

Chloride	255	20.0	250		102	90-110			
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Matrix Spike (2327024-MS1)

Source: E306238-01

Prepared: 07/06/23 Analyzed: 07/06/23

Chloride	1050	20.0	250	811	96.0	80-120			
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Matrix Spike Dup (2327024-MSD1)

Source: E306238-01

Prepared: 07/06/23 Analyzed: 07/06/23

Chloride	1160	20.0	250	811	138	80-120	9.52	20	M2
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QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 Fed Com 1H Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 7/10/2023 3:18:31PM
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Anions by EPA 300.0/9056A

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 (2327027-BLK1)

Prepared: 07/06/23 Analyzed: 07/06/23

Chloride	ND	20.0							
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LCS (2327027-BS1)

Prepared: 07/06/23 Analyzed: 07/06/23

Chloride	253	20.0	250		101	90-110			
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Matrix Spike (2327027-MS1)

Source: E306238-21

Prepared: 07/06/23 Analyzed: 07/06/23

Chloride	264	20.0	250	ND	105	80-120			
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Matrix Spike Dup (2327027-MSD1)

Source: E306238-21

Prepared: 07/06/23 Analyzed: 07/06/23

Chloride	265	20.0	250	ND	106	80-120	0.438	20	
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QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 Fed Com 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	07/10/23 15:18

M2 Matrix spike recovery was outside quality control limits. 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

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

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



Client: Pima Environmental Services Project: <u>Fighting Okra 18 Fed Com 1H</u> Project Manager: Tom Bynum Address: 5614 N. Lovington Hwy. City, State, Zip Hobbs, NM, 88240 Phone: 580-748-1613 Email: tom@pimaoil.com Report due by:		Bill To Attention: <u>Devon</u> Address: City, State, Zip Phone: Email: Pima Project # <u>1-322</u>		Lab Use Only Lab WO# <u>E306238</u> Job Number <u>01058-0007</u>		TAT 1D 2D 3D Standard <u>X</u>			EPA Program CWA SDWA RCRA	
				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		State NM CO UT AZ TX <u>X</u>				

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
3:00	6/27	S	1	S1-1'	1							X		
3:05				S1-4'	2									
3:10				S1-6'	3									
3:15				S2-1'	4									
3:20				S2-4'	5									
3:25				S2-5'	6									
3:30				S3-1'	7									
3:35				S3-4'	8									
3:40				S3-6'	9									
3:45				S4-1'	10									

Additional Instructions: wo# 21179750

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) <u>Karine Adame</u>		Date <u>6/29/23</u>	Time <u>1:30</u>	Received by: (Signature) <u>Michelle Campbell</u>		Date <u>6-29-23</u>	Time <u>1:30</u>	Lab Use Only Received on ice: <u>(Y)</u> / N	
Relinquished by: (Signature) <u>Michelle Campbell</u>		Date <u>6-29-23</u>	Time <u>1:00</u>	Received by: (Signature) <u>Andrew Mueso</u>		Date <u>6-29-23</u>	Time <u>1:30</u>	T1 _____ T2 _____ T3 _____	
Relinquished by: (Signature) <u>Andrew Mueso</u>		Date <u>6-29-23</u>	Time <u>2:30</u>	Received by: (Signature) <u>Caithe Mear</u>		Date <u>6/30/23</u>	Time <u>8:20</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.



Client: Pima Environmental Services Project: Fighting Odra 18 Fed Com 1 H Project Manager: Tom Bynum Address: 5614 N. Lovington Hwy. City, State, Zip: Hobbs, NM, 88240 Phone: 580-748-1613 Email: tom@pimaoil.com Report due by:		Bill To Attention: DeYon Address: City, State, Zip: Phone: Email: Pima Project # 1-322		Lab Use Only Lab WO# F302238 Job Number C1058-0007		TAT 1D 2D 3D Standard X				EPA Program CWA SDWA RCRA	
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Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Analysis and Method										Remarks	
						DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0				NM BGDOC		TX BGDOC
3:50	6/27	S	1	S4-3'	11												X
3:55				S4-4'	12												
4:00				S5-1'	13												
4:05				S5-3'	14												
4:10				S5-4'	15												
4:15				S6-1'	16												
4:20				S6-3'	17												
4:25				S6-4'	18												
4:30				S7-1'	19												
4:35				S7-3'	20												

Additional Instructions: WO# 21199750

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

Relinquished by: (Signature) <i>Korine Adams</i> Date: 6/29/23 Time: 1:30			Received by: (Signature) <i>Micelle Campdes</i> Date: 6-29-23 Time: 1:30			Lab Use Only Received on ice: <input checked="" type="radio"/> Y / <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C 4
Relinquished by: (Signature) <i>Micelle Campdes</i> Date: 6-29-23 Time: 1700			Received by: (Signature) <i>Andrew Messo</i> Date: 6-29-23 Time: 1730			
Relinquished by: (Signature) <i>Andrew Messo</i> Date: 6-29-23 Time: 2300			Received by: (Signature) <i>Cath Man</i> Date: 6/30/23 Time: 8:20			

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.



Client: Pima Environmental Services		Bill To		Lab Use Only		TAT			EPA Program					
Project: <u>Fighting Okra 18 Fed Com I #</u>		Attention: <u>Devon</u>		Lab WO# <u>E 300238</u>		Job Number <u>0058-0007</u>			1D	2D	3D	Standard	CWA	SDWA
Project Manager: <u>Tom Bynum</u>		Address:		City, State, Zip		Phone:						RCRA		
Address: <u>5614 N. Lovington Hwy.</u>		City, State, Zip <u>Hobbs, NM, 88240</u>		Phone:		Email:								
Phone: <u>580-748-1613</u>		Pima Project # <u>1-322</u>												
Email: <u>tom@pimaoil.com</u>														
Report due by:														

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC	NM	TX	State					Remarks	
															CO	UT	AZ	TX			
4:40	6/27	S	1	S7-4'	21								X								
4:45				S8-1'	22																
4:50				S8-3'	23																
4:55				S8-4'	24																
5:00				SW1	25																
5:05				SW2	26																
5:10				SW3	27																
5:15				SW4	28																
5:20				SW5	29																
5:25				SW6	30																

Additional Instructions: WO # 21179750

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) <u>Karime Adame</u>		Date <u>6/29/23</u>	Time <u>1:30</u>	Received by: (Signature) <u>Micelle Campala</u>		Date <u>6-29-23</u>	Time <u>1:30</u>	Lab Use Only		
Relinquished by: (Signature) <u>Micelle Campala</u>		Date <u>6-29-23</u>	Time <u>1700</u>	Received by: (Signature) <u>Andrew Muzzo</u>		Date <u>6-29-23</u>	Time <u>1730</u>	Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N		
Relinquished by: (Signature) <u>Andrew Muzzo</u>		Date <u>6-29-23</u>	Time <u>2300</u>	Received by: (Signature) <u>Carth Man</u>		Date <u>6/30/23</u>	Time <u>8:20</u>	T1	T2	T3
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other						AVG Temp °C <u>4</u>				
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA										

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



Envirotech Analytical Laboratory

Printed: 6/30/2023 10:52:30AM

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: 06/30/23 08:20 Work Order ID: E306238
Phone: (575) 631-6977 Date Logged In: 06/29/23 17:15 Logged In By: Caitlin Mars
Email: tom@pimaoil.com Due Date: 07/10/23 17:00 (4 day TAT)

Chain of Custody (COC)

- 1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Carrier: Courier

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

Empty box for client instruction.

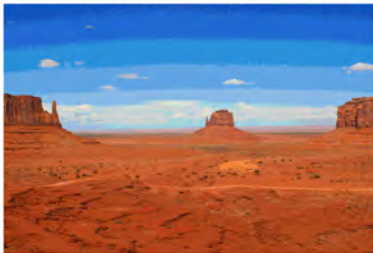
Signature of client authorizing changes to the COC or sample disposition.

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 Fed Com 1H

Work Order: E411217

Job Number: 01058-0007

Received: 11/21/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/21/24

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: 11/21/24



Gio Gomez
PO Box 247
Plains, TX 79355-0247

Project Name: Fighting Okra 18 Fed Com 1H
Workorder: E411217
Date Received: 11/21/2024 8:15:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/21/2024 8:15:00AM, under the Project Name: Fighting Okra 18 Fed Com 1H.

The analytical test results summarized in this report with the Project Name: Fighting Okra 18 Fed Com 1H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
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Sample Summary

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 Fed Com 1H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 11/21/24 14:24
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS1	E411217-01A	Soil	11/20/24	11/21/24	Glass Jar, 2 oz.
CS2	E411217-02A	Soil	11/20/24	11/21/24	Glass Jar, 2 oz.
CS3	E411217-03A	Soil	11/20/24	11/21/24	Glass Jar, 2 oz.
CS4	E411217-04A	Soil	11/20/24	11/21/24	Glass Jar, 2 oz.
CS5	E411217-05A	Soil	11/20/24	11/21/24	Glass Jar, 2 oz.
CS6	E411217-06A	Soil	11/20/24	11/21/24	Glass Jar, 2 oz.
CS7	E411217-07A	Soil	11/20/24	11/21/24	Glass Jar, 2 oz.
CS8	E411217-08A	Soil	11/20/24	11/21/24	Glass Jar, 2 oz.
CSW1	E411217-09A	Soil	11/20/24	11/21/24	Glass Jar, 2 oz.
CSW2	E411217-10A	Soil	11/20/24	11/21/24	Glass Jar, 2 oz.
CSW3	E411217-11A	Soil	11/20/24	11/21/24	Glass Jar, 2 oz.
CSW4	E411217-12A	Soil	11/20/24	11/21/24	Glass Jar, 2 oz.
CSW5	E411217-13A	Soil	11/20/24	11/21/24	Glass Jar, 2 oz.
CSW6	E411217-14A	Soil	11/20/24	11/21/24	Glass Jar, 2 oz.
CSW7	E411217-15A	Soil	11/20/24	11/21/24	Glass Jar, 2 oz.
CSW8	E411217-16A	Soil	11/20/24	11/21/24	Glass Jar, 2 oz.
CSW9	E411217-17A	Soil	11/20/24	11/21/24	Glass Jar, 2 oz.
CSW10	E411217-18A	Soil	11/20/24	11/21/24	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 Fed Com 1H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 11/21/2024 2:24:33PM
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CS1

E411217-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2447079
Benzene	ND	0.0250	1	11/21/24	11/21/24	
Ethylbenzene	ND	0.0250	1	11/21/24	11/21/24	
Toluene	ND	0.0250	1	11/21/24	11/21/24	
o-Xylene	ND	0.0250	1	11/21/24	11/21/24	
p,m-Xylene	ND	0.0500	1	11/21/24	11/21/24	
Total Xylenes	ND	0.0250	1	11/21/24	11/21/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		84.1 %	70-130	11/21/24	11/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2447079
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/24	11/21/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.0 %	70-130	11/21/24	11/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2447077
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/24	11/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/24	11/21/24	
<i>Surrogate: n-Nonane</i>		106 %	50-200	11/21/24	11/21/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2447088
Chloride	ND	20.0	1	11/21/24	11/21/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 Fed Com 1H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 11/21/2024 2:24:33PM
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CS2

E411217-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2447079
Benzene	ND	0.0250	1	11/21/24	11/21/24	
Ethylbenzene	ND	0.0250	1	11/21/24	11/21/24	
Toluene	ND	0.0250	1	11/21/24	11/21/24	
o-Xylene	ND	0.0250	1	11/21/24	11/21/24	
p,m-Xylene	ND	0.0500	1	11/21/24	11/21/24	
Total Xylenes	ND	0.0250	1	11/21/24	11/21/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		86.5 %	70-130	11/21/24	11/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2447079
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/24	11/21/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.3 %	70-130	11/21/24	11/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2447077
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/24	11/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/24	11/21/24	
<i>Surrogate: n-Nonane</i>		113 %	50-200	11/21/24	11/21/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2447088
Chloride	ND	20.0	1	11/21/24	11/21/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 Fed Com 1H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 11/21/2024 2:24:33PM
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CS3

E411217-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2447079
Benzene	ND	0.0250	1	11/21/24	11/21/24	
Ethylbenzene	ND	0.0250	1	11/21/24	11/21/24	
Toluene	ND	0.0250	1	11/21/24	11/21/24	
o-Xylene	ND	0.0250	1	11/21/24	11/21/24	
p,m-Xylene	ND	0.0500	1	11/21/24	11/21/24	
Total Xylenes	ND	0.0250	1	11/21/24	11/21/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		85.0 %	70-130	11/21/24	11/21/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2447079
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/24	11/21/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.5 %	70-130	11/21/24	11/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2447077
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/24	11/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/24	11/21/24	
<i>Surrogate: n-Nonane</i>						
		103 %	50-200	11/21/24	11/21/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2447088
Chloride	ND	20.0	1	11/21/24	11/21/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 Fed Com 1H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 11/21/2024 2:24:33PM
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CS4

E411217-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2447079	
Benzene	ND	0.0250	1	11/21/24	11/21/24	
Ethylbenzene	ND	0.0250	1	11/21/24	11/21/24	
Toluene	ND	0.0250	1	11/21/24	11/21/24	
o-Xylene	ND	0.0250	1	11/21/24	11/21/24	
p,m-Xylene	ND	0.0500	1	11/21/24	11/21/24	
Total Xylenes	ND	0.0250	1	11/21/24	11/21/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.1 %	70-130	11/21/24	11/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2447079	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/24	11/21/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.4 %	70-130	11/21/24	11/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2447077	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/24	11/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/24	11/21/24	
<i>Surrogate: n-Nonane</i>		117 %	50-200	11/21/24	11/21/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2447088	
Chloride	ND	20.0	1	11/21/24	11/21/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 Fed Com 1H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 11/21/2024 2:24:33PM
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CS5

E411217-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2447079
Benzene	ND	0.0250	1	11/21/24	11/21/24	
Ethylbenzene	ND	0.0250	1	11/21/24	11/21/24	
Toluene	ND	0.0250	1	11/21/24	11/21/24	
o-Xylene	ND	0.0250	1	11/21/24	11/21/24	
p,m-Xylene	ND	0.0500	1	11/21/24	11/21/24	
Total Xylenes	ND	0.0250	1	11/21/24	11/21/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.7 %	70-130	11/21/24	11/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2447079
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/24	11/21/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.9 %	70-130	11/21/24	11/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2447077
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/24	11/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/24	11/21/24	
<i>Surrogate: n-Nonane</i>		101 %	50-200	11/21/24	11/21/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2447088
Chloride	ND	20.0	1	11/21/24	11/21/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 Fed Com 1H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 11/21/2024 2:24:33PM
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CS6

E411217-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2447079
Benzene	ND	0.0250	1	11/21/24	11/21/24	
Ethylbenzene	ND	0.0250	1	11/21/24	11/21/24	
Toluene	ND	0.0250	1	11/21/24	11/21/24	
o-Xylene	ND	0.0250	1	11/21/24	11/21/24	
p,m-Xylene	ND	0.0500	1	11/21/24	11/21/24	
Total Xylenes	ND	0.0250	1	11/21/24	11/21/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		91.5 %	70-130	11/21/24	11/21/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2447079
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/24	11/21/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.1 %	70-130	11/21/24	11/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2447077
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/24	11/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/24	11/21/24	
<i>Surrogate: n-Nonane</i>						
		110 %	50-200	11/21/24	11/21/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2447088
Chloride	ND	20.0	1	11/21/24	11/21/24	



Sample Data

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CS7

E411217-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2447079
Benzene	ND	0.0250	1	11/21/24	11/21/24	
Ethylbenzene	ND	0.0250	1	11/21/24	11/21/24	
Toluene	ND	0.0250	1	11/21/24	11/21/24	
o-Xylene	ND	0.0250	1	11/21/24	11/21/24	
p,m-Xylene	ND	0.0500	1	11/21/24	11/21/24	
Total Xylenes	ND	0.0250	1	11/21/24	11/21/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.2 %	70-130	11/21/24	11/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2447079
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/24	11/21/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.4 %	70-130	11/21/24	11/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2447077
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/24	11/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/24	11/21/24	
<i>Surrogate: n-Nonane</i>		103 %	50-200	11/21/24	11/21/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2447088
Chloride	ND	20.0	1	11/21/24	11/21/24	



Sample Data

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CS8

E411217-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2447079
Benzene	ND	0.0250	1	11/21/24	11/21/24	
Ethylbenzene	ND	0.0250	1	11/21/24	11/21/24	
Toluene	ND	0.0250	1	11/21/24	11/21/24	
o-Xylene	ND	0.0250	1	11/21/24	11/21/24	
p,m-Xylene	ND	0.0500	1	11/21/24	11/21/24	
Total Xylenes	ND	0.0250	1	11/21/24	11/21/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.7 %	70-130	11/21/24	11/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2447079
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/24	11/21/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.5 %	70-130	11/21/24	11/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2447077
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/24	11/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/24	11/21/24	
<i>Surrogate: n-Nonane</i>		102 %	50-200	11/21/24	11/21/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2447088
Chloride	ND	20.0	1	11/21/24	11/21/24	



Sample Data

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CSW1

E411217-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2447079
Benzene	ND	0.0250	1	11/21/24	11/21/24	
Ethylbenzene	ND	0.0250	1	11/21/24	11/21/24	
Toluene	ND	0.0250	1	11/21/24	11/21/24	
o-Xylene	ND	0.0250	1	11/21/24	11/21/24	
p,m-Xylene	ND	0.0500	1	11/21/24	11/21/24	
Total Xylenes	ND	0.0250	1	11/21/24	11/21/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.7 %	70-130	11/21/24	11/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2447079
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/24	11/21/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.4 %	70-130	11/21/24	11/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2447077
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/24	11/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/24	11/21/24	
<i>Surrogate: n-Nonane</i>		102 %	50-200	11/21/24	11/21/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2447088
Chloride	ND	20.0	1	11/21/24	11/21/24	



Sample Data

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CSW2

E411217-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2447079
Benzene	ND	0.0250	1	11/21/24	11/21/24	
Ethylbenzene	ND	0.0250	1	11/21/24	11/21/24	
Toluene	ND	0.0250	1	11/21/24	11/21/24	
o-Xylene	ND	0.0250	1	11/21/24	11/21/24	
p,m-Xylene	ND	0.0500	1	11/21/24	11/21/24	
Total Xylenes	ND	0.0250	1	11/21/24	11/21/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		90.6 %	70-130	11/21/24	11/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2447079
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/24	11/21/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.4 %	70-130	11/21/24	11/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2447077
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/24	11/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/24	11/21/24	
<i>Surrogate: n-Nonane</i>		102 %	50-200	11/21/24	11/21/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2447088
Chloride	ND	20.0	1	11/21/24	11/21/24	



Sample Data

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CSW3

E411217-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2447079	
Benzene	ND	0.0250	1	11/21/24	11/21/24	
Ethylbenzene	ND	0.0250	1	11/21/24	11/21/24	
Toluene	ND	0.0250	1	11/21/24	11/21/24	
o-Xylene	ND	0.0250	1	11/21/24	11/21/24	
p,m-Xylene	ND	0.0500	1	11/21/24	11/21/24	
Total Xylenes	ND	0.0250	1	11/21/24	11/21/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.8 %	70-130	11/21/24	11/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2447079	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/24	11/21/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.1 %	70-130	11/21/24	11/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2447077	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/24	11/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/24	11/21/24	
<i>Surrogate: n-Nonane</i>		98.0 %	50-200	11/21/24	11/21/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2447088	
Chloride	ND	20.0	1	11/21/24	11/21/24	



Sample Data

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CSW4

E411217-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2447079
Benzene	ND	0.0250	1	11/21/24	11/21/24	
Ethylbenzene	ND	0.0250	1	11/21/24	11/21/24	
Toluene	ND	0.0250	1	11/21/24	11/21/24	
o-Xylene	ND	0.0250	1	11/21/24	11/21/24	
p,m-Xylene	ND	0.0500	1	11/21/24	11/21/24	
Total Xylenes	ND	0.0250	1	11/21/24	11/21/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		84.8 %	70-130	11/21/24	11/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2447079
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/24	11/21/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.1 %	70-130	11/21/24	11/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2447077
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/24	11/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/24	11/21/24	
<i>Surrogate: n-Nonane</i>		108 %	50-200	11/21/24	11/21/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2447088
Chloride	ND	20.0	1	11/21/24	11/21/24	



Sample Data

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CSW5

E411217-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2447079
Benzene	ND	0.0250	1	11/21/24	11/21/24	
Ethylbenzene	ND	0.0250	1	11/21/24	11/21/24	
Toluene	ND	0.0250	1	11/21/24	11/21/24	
o-Xylene	ND	0.0250	1	11/21/24	11/21/24	
p,m-Xylene	ND	0.0500	1	11/21/24	11/21/24	
Total Xylenes	ND	0.0250	1	11/21/24	11/21/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		89.2 %	70-130	11/21/24	11/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2447079
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/24	11/21/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.4 %	70-130	11/21/24	11/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2447077
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/24	11/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/24	11/21/24	
<i>Surrogate: n-Nonane</i>		109 %	50-200	11/21/24	11/21/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2447088
Chloride	ND	20.0	1	11/21/24	11/21/24	



Sample Data

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CSW6

E411217-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2447079
Benzene	ND	0.0250	1	11/21/24	11/21/24	
Ethylbenzene	ND	0.0250	1	11/21/24	11/21/24	
Toluene	ND	0.0250	1	11/21/24	11/21/24	
o-Xylene	ND	0.0250	1	11/21/24	11/21/24	
p,m-Xylene	ND	0.0500	1	11/21/24	11/21/24	
Total Xylenes	ND	0.0250	1	11/21/24	11/21/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		87.8 %	70-130	11/21/24	11/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2447079
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/24	11/21/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.7 %	70-130	11/21/24	11/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2447077
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/24	11/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/24	11/21/24	
<i>Surrogate: n-Nonane</i>		107 %	50-200	11/21/24	11/21/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2447088
Chloride	ND	20.0	1	11/21/24	11/21/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 Fed Com 1H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 11/21/2024 2:24:33PM
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CSW7

E411217-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2447079
Benzene	ND	0.0250	1	11/21/24	11/21/24	
Ethylbenzene	ND	0.0250	1	11/21/24	11/21/24	
Toluene	ND	0.0250	1	11/21/24	11/21/24	
o-Xylene	ND	0.0250	1	11/21/24	11/21/24	
p,m-Xylene	ND	0.0500	1	11/21/24	11/21/24	
Total Xylenes	ND	0.0250	1	11/21/24	11/21/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		88.0 %	70-130	11/21/24	11/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2447079
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/24	11/21/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.0 %	70-130	11/21/24	11/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2447077
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/24	11/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/24	11/21/24	
<i>Surrogate: n-Nonane</i>		107 %	50-200	11/21/24	11/21/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2447088
Chloride	ND	20.0	1	11/21/24	11/21/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 Fed Com 1H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 11/21/2024 2:24:33PM
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CSW8

E411217-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2447079
Benzene	ND	0.0250	1	11/21/24	11/21/24	
Ethylbenzene	ND	0.0250	1	11/21/24	11/21/24	
Toluene	ND	0.0250	1	11/21/24	11/21/24	
o-Xylene	ND	0.0250	1	11/21/24	11/21/24	
p,m-Xylene	ND	0.0500	1	11/21/24	11/21/24	
Total Xylenes	ND	0.0250	1	11/21/24	11/21/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		88.9 %	70-130	11/21/24	11/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2447079
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/24	11/21/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.4 %	70-130	11/21/24	11/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2447077
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/24	11/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/24	11/21/24	
<i>Surrogate: n-Nonane</i>		87.3 %	50-200	11/21/24	11/21/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2447088
Chloride	ND	20.0	1	11/21/24	11/21/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 Fed Com 1H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 11/21/2024 2:24:33PM
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CSW9

E411217-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2447079
Benzene	ND	0.0250	1	11/21/24	11/21/24	
Ethylbenzene	ND	0.0250	1	11/21/24	11/21/24	
Toluene	ND	0.0250	1	11/21/24	11/21/24	
o-Xylene	ND	0.0250	1	11/21/24	11/21/24	
p,m-Xylene	ND	0.0500	1	11/21/24	11/21/24	
Total Xylenes	ND	0.0250	1	11/21/24	11/21/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		88.5 %	70-130	11/21/24	11/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2447079
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/24	11/21/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.9 %	70-130	11/21/24	11/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2447077
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/24	11/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/24	11/21/24	
<i>Surrogate: n-Nonane</i>		89.1 %	50-200	11/21/24	11/21/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2447088
Chloride	ND	20.0	1	11/21/24	11/21/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 Fed Com 1H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 11/21/2024 2:24:33PM
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CSW10

E411217-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2447079
Benzene	ND	0.0250	1	11/21/24	11/21/24	
Ethylbenzene	ND	0.0250	1	11/21/24	11/21/24	
Toluene	ND	0.0250	1	11/21/24	11/21/24	
o-Xylene	ND	0.0250	1	11/21/24	11/21/24	
p,m-Xylene	ND	0.0500	1	11/21/24	11/21/24	
Total Xylenes	ND	0.0250	1	11/21/24	11/21/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		89.5 %	70-130	11/21/24	11/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2447079
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/24	11/21/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.4 %	70-130	11/21/24	11/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2447077
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/24	11/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/24	11/21/24	
<i>Surrogate: n-Nonane</i>		90.8 %	50-200	11/21/24	11/21/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2447088
Chloride	ND	20.0	1	11/21/24	11/21/24	



QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 Fed Com 1H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 11/21/2024 2:24:33PM
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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 (2447079-BLK1)

Prepared: 11/21/24 Analyzed: 11/21/24

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	7.09		8.00		88.6	70-130			

LCS (2447079-BS1)

Prepared: 11/21/24 Analyzed: 11/21/24

Benzene	5.19	0.0250	5.00		104	70-130			
Ethylbenzene	5.02	0.0250	5.00		100	70-130			
Toluene	5.13	0.0250	5.00		103	70-130			
o-Xylene	5.03	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		101	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.11		8.00		88.9	70-130			

LCS Dup (2447079-BSD1)

Prepared: 11/21/24 Analyzed: 11/21/24

Benzene	5.19	0.0250	5.00		104	70-130	0.0906	20	
Ethylbenzene	5.01	0.0250	5.00		100	70-130	0.0279	20	
Toluene	5.12	0.0250	5.00		102	70-130	0.143	20	
o-Xylene	5.01	0.0250	5.00		100	70-130	0.364	20	
p,m-Xylene	10.2	0.0500	10.0		102	70-130	0.211	20	
Total Xylenes	15.2	0.0250	15.0		101	70-130	0.262	20	
Surrogate: 4-Bromochlorobenzene-PID	7.19		8.00		89.9	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 Fed Com 1H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 11/21/2024 2:24:33PM
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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 (2447079-BLK1)

Prepared: 11/21/24 Analyzed: 11/21/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.51		8.00		93.9	70-130			

LCS (2447079-BS2)

Prepared: 11/21/24 Analyzed: 11/21/24

Gasoline Range Organics (C6-C10)	42.4	20.0	50.0		84.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.50		8.00		93.8	70-130			

LCS Dup (2447079-BSD2)

Prepared: 11/21/24 Analyzed: 11/21/24

Gasoline Range Organics (C6-C10)	41.2	20.0	50.0		82.4	70-130	2.75	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.46		8.00		93.2	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 Fed Com 1H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 11/21/2024 2:24:33PM
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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 (2447077-BLK1)

Prepared: 11/20/24 Analyzed: 11/21/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	60.7		50.0		121	50-200			

LCS (2447077-BS1)

Prepared: 11/20/24 Analyzed: 11/21/24

Diesel Range Organics (C10-C28)	272	25.0	250		109	38-132			
Surrogate: n-Nonane	61.7		50.0		123	50-200			

LCS Dup (2447077-BSD1)

Prepared: 11/20/24 Analyzed: 11/21/24

Diesel Range Organics (C10-C28)	275	25.0	250		110	38-132	1.28	20	
Surrogate: n-Nonane	63.4		50.0		127	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 Fed Com 1H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 11/21/2024 2:24:33PM
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Anions by EPA 300.0/9056A

Analyst: DT

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 (2447088-BLK1)

Prepared: 11/21/24 Analyzed: 11/21/24

Chloride	ND	20.0							
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LCS (2447088-BS1)

Prepared: 11/21/24 Analyzed: 11/21/24

Chloride	254	20.0	250		102	90-110			
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LCS Dup (2447088-BSD1)

Prepared: 11/21/24 Analyzed: 11/21/24

Chloride	253	20.0	250		101	90-110	0.214	20	
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QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 Fed Com 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/21/24 14:24

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

Client: <u>Pima Environmental Services</u> Project: <u>Fighting Oka 126 FedCom. # 1H</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>R-1-322</u>		Lab Use Only Lab WO# <u>411217</u> Lab Number <u>01058-0007</u>		TAT 1D <input checked="" type="checkbox"/> 2D <input type="checkbox"/> 3D <input type="checkbox"/> Standard			EPA Program CWA <input type="checkbox"/> SDWA <input type="checkbox"/> RCRA <input type="checkbox"/> State NM <input checked="" type="checkbox"/> CO <input type="checkbox"/> UT <input type="checkbox"/> AZ <input type="checkbox"/> TX <input type="checkbox"/>	
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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
8:04	11/20	S		CS1	1							X		
8:11				CS2	2									
8:17				CS3	3									
8:28				CS4	4									
8:36				CS5	5									
8:44				CS6	6									
8:56				CS7	7									
9:11				CS8	8									
9:17				CSW1	9									
9:24				CSW2	10									

Additional Instructions: Billing# 21179834

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

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

Relinquished by: (Signature) <u>Carime Adame</u>	Date <u>11/20/24</u>	Time <u>1:45</u>	Received by: (Signature) <u>Michelle Gonzales</u>	Date <u>11-20-24</u>	Time <u>1345</u>	Lab Use Only Received on Ice: <input checked="" type="checkbox"/> N T1 _____ T2 _____ T3 _____ Avg Temp °C <u>4</u>
Relinquished by: (Signature) <u>Michelle Gonzales</u>	Date <u>11-20-24</u>	Time <u>1645</u>	Received by: (Signature) <u>Alan H.</u>	Date <u>11-20-24</u>	Time <u>1730</u>	
Relinquished by: (Signature) <u>Alan H.</u>	Date <u>11.20.24</u>	Time <u>2400</u>	Received by: (Signature) <u>Caitlin Nav</u>	Date <u>11-21-24</u>	Time <u>8:15</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.



Project Information

Chain of Custody

Client: <u>Pima Environmental Services</u> Project: <u>Fighting OXra 18 Fej Com. #114</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>R-1-322</u>	Lab Use Only Lab WO# <u>411217</u> Lab Number <u>101058.0007</u>	TAT 1D <input checked="" type="checkbox"/> 2D <input type="checkbox"/> 3D <input type="checkbox"/> Standard <input type="checkbox"/>	EPA Program CWA <input type="checkbox"/> SDWA <input type="checkbox"/> RCRA <input type="checkbox"/> State NM <input checked="" type="checkbox"/> CO <input type="checkbox"/> UT <input type="checkbox"/> AZ <input type="checkbox"/> TX <input type="checkbox"/>
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Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/TRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
9:36	11/20	S		CSW3	11							X		
9:45				CSW4	12									
9:59				CSW5	13									
10:11				CSW6	14									
10:20				CSW7	15									
10:28				CSW8	16									
10:36				CSW9	17									
11:02				CSW10	18									

Additional Instructions: Billing # 21179834

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 Adams</u>	Date <u>11/20/24</u>	Time <u>1:45</u>	Received by: (Signature) <u>Michelle Gonzales</u>	Date <u>11-20-24</u>	Time <u>1:345</u>	Lab Use Only Received on Ice: <input checked="" type="checkbox"/> N T1 _____ T2 _____ T3 _____ Avg Temp °C: <u>4</u>
Relinquished by: (Signature) <u>Michelle Gonzales</u>	Date <u>11-20-24</u>	Time <u>1645</u>	Received by: (Signature) <u>Adrian J.</u>	Date <u>11-20-24</u>	Time <u>1730</u>	
Relinquished by: (Signature) <u>Adrian J.</u>	Date <u>11-20-24</u>	Time <u>2400</u>	Received by: (Signature) <u>Caitlin Mann</u>	Date <u>11-21-24</u>	Time <u>8:15</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 Analytical Laboratory

Printed: 11/21/2024 9:36:14AM

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:	11/21/24 08:15	Work Order ID:	E411217
Phone:	(575) 631-6977	Date Logged In:	11/20/24 14:20	Logged In By:	Caitlin Mars
Email:	gio@pimaoil.com	Due Date:	11/21/24 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

Carrier: Courier

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

Comments/Resolution

No of containers and sampled by missing on COC.

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.

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QUESTIONS

Action 406668

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 406668
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nRM2019859240
Incident Name	NRM2019859240 FIGHTING OKRA 18 FED COM #1H @ 30-025-40382
Incident Type	Release Other
Incident Status	Remediation Closure Report Received
Incident Well	[30-025-40382] FIGHTING OKRA 18 FEDERAL COM #001H

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	FIGHTING OKRA 18 FED COM #1H
Date Release Discovered	06/30/2020
Surface Owner	Federal

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

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Cause: Corrosion Flow Line - Production Crude Oil Released: 10 BBL Recovered: 0 BBL Lost: 10 BBL.
Produced Water Released (bbls) Details	Cause: Corrosion Flow Line - Production Produced Water Released: 40 BBL Recovered: 0 BBL Lost: 40 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 406668

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 406668
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	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@dvn.com Date: 11/26/2024
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QUESTIONS, Page 3

Action 406668

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 406668
	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
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	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)	1310
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	104
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	11/20/2024
On what date will (or did) the final sampling or liner inspection occur	11/20/2024
On what date will (or was) the remediation complete(d)	11/20/2024
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 406668

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 406668
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)

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

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

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Yes
Other Non-listed Remedial Process. Please specify	Area was tested and found to meet remediation requirements.

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

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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 11/26/2024
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The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 5

Action 406668

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 406668
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
<i>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.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 406668

QUESTIONS (continued)

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

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	404295
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/20/2024
What was the (estimated) number of samples that were to be gathered	18
What was the sampling surface area in square feet	1513

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)	"Incident NRM2019859240, be closed. 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: 11/26/2024
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QUESTIONS, Page 7

Action 406668

QUESTIONS (continued)

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

QUESTIONS

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

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CONDITIONS

Action 406668

CONDITIONS

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

CONDITIONS

Created By	Condition	Condition Date
scwells	None	12/3/2024