

Incident ID	NRM1926054913
District RP	
Facility ID	
Application ID	

## Closure

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 (electronic submittals in .pdf format are preferred) 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.

**Closure Report Attachment Checklist:** *Each of the following items must be included in the closure report.*

- A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- Description of remediation activities

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.

Printed Name: Dale Woodall Title: Environmental Professional  
 Signature: Dale Woodall Date: 4/3/2023  
 email: dale.woodall@dvn.com Telephone: 575-748-1839

**OCD Only**

Received by: Jocelyn Harimon Date: 04/04/2023

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: Robert Hamlet Date: 8/17/2023  
 Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced

Incident ID	NRM1926054913
District RP	
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Application ID	

## Site Assessment/Characterization

*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?	<u>99</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

**Characterization Report Checklist:** *Each of the following items must be included in the report.*

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- Field data
- Data table of soil contaminant concentration data
- Depth to water determination
- Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

State of New Mexico  
Oil Conservation Division

Page 4

Incident ID	NRM1926054913
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Printed Name: Dale Woodall Title: Environmental Professional  
 Signature: *Dale Woodall* Date: 4/3/2023  
 email: dale.woodall@dvn.com Telephone: 575-748-1839

**OCD Only**

Received by: Jocelyn Harimon Date: 04/04/2023

State of New Mexico  
Oil Conservation Division

Page 6

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**OCD Only**

Received by: Jocelyn Harimon Date: 04/04/2023

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Closure Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_





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

April 3<sup>rd</sup>, 2023

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

Bureau of Land Management  
 620 East Green Street  
 Carlsbad, NM 88220

**Re: Site Assessment, Remediation, and Closure Report**  
**Fighting Okra 18 CTB 2**  
**GPS: Latitude 32.024271 Longitude -103.305947**  
**UL -- E, Sec. 18, T26S, R34E**  
**Lea County, NM**  
**NMOCD Ref. No. NRM1926054913**

Pima Environmental Services, LLC. (Pima) has been contracted by Devon Energy Production Company, LP (Devon) to perform a spill assessment, remediation activities, and submit this closure report for a produced water release that occurred at the Fighting Okra 18 CTB 2 (Fighting Okra). The initial C-141 was submitted on August 27<sup>th</sup>, 2019 (Appendix C). This incident was assigned Incident ID NRM1926054913 by the New Mexico Oil Conservation Division (NMOCD).

**Site Characterization**

The Fighting Okra is located approximately eight (8) miles southwest of Jal, NM. This spill site is in Unit E, Section 18, Township 26S, Range 34E, Latitude 32.024271 Longitude -103.305947, Eddy County, NM. Figure 1 references a Location Map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is made up of eolian and piedmont deposits (Holocene to middle Pleistocene). The soil in this area is made up of Pyote soils and Dune land, 0 to 3 percent slopes, eroded according to the United States Department of Agriculture Natural Resources Conservation Service soil survey (Appendix B). The drainage courses in this area are well-drained. There is a low potential for karst geology to be present in the area of the Fighting Okra (Figure 3).

According to the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is 99 feet below grade surface (BGS). According to the United States Geological Survey (USGS), the nearest groundwater is greater than 175 feet BGS. The closest waterway is an unnamed salt playa, located approximately 17.49 miles to the southeast of this location. See Appendix A for referenced water surveys.

Table 1 NMAC and Closure Criteria 19.15.29					
Depth to Groundwater (Appendix A)	Constituent & Limits				
	Chlorides	Total TPH	GRO+DRO	BTEX	Benzene
<50'	600 mg/kg	100 mg/kg		50 mg/kg	10 mg/kg
51-100'	10,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg
>100'	20,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg

Reference Figure 2 for a Topographic Map.

**Release Information**

**NRM1926054913:** On August 23<sup>rd</sup>, 2019, a leak developed in a water line which led to a produced water release of approximately 113 barrels, all standing fluids were recovered. The spill area inside the containment measures approximately 80 feet by 50 feet by 1 inch in depth, the area outside the containment measures approximately 126 feet by 192 feet by ¼ inch in depth.

**Site Assessment and Liner Inspection**

On March 27<sup>th</sup>, 2023, after sending the 48-hour notification via email, Pima Environmental conducted a liner inspection at this location. We concluded that this liner and containment maintained its integrity and was able to retain the fluids. The liner inspection form and photographic documentation can be found in Appendix C and F.

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

On March 8<sup>th</sup>, 2023, Pima Environmental mobilized personnel to assess the impacted area. Pima sampled the areas surrounding the release area and collected a total of twenty-three soil samples for laboratory analysis. Six bottom samples (S1-S6) were collected at depths of 1, 2 and 4 feet to determine vertical delineation. Additionally, side wall samples (SW1-SW4) were collected at a depth of 6 inches to determine horizontal delineation. One background sample was collected to obtain a representation of naturally occurring chlorides surrounding the Fighting Okra. An initial site map can be found in Figure 4.

## 3-8-23 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
DEVON ENERGY - FIGHTING OKRA 18 CTB 2								
Sample Date: 3/8/2023		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	30.9
	2'	ND	ND	ND	ND	ND	0	54.6
	4'	ND	ND	ND	ND	ND	0	50.5
S-2	1'	ND	ND	ND	ND	ND	0	32.6
	2'	ND	ND	ND	ND	ND	0	34.1
	4'	ND	ND	ND	ND	ND	0	ND
S-3	1'	ND	ND	ND	ND	ND	0	36.5
	2'	ND	ND	ND	ND	ND	0	68.8
	4'	ND	ND	ND	ND	ND	0	ND
S-4	1'	ND	ND	ND	ND	ND	0	45.4
	2'	ND	ND	ND	ND	ND	0	37
	4'	ND	ND	ND	ND	ND	0	ND
S-5	1'	ND	ND	ND	ND	ND	0	84.3
	2'	ND	ND	ND	ND	ND	0	60.9
	4'	ND	ND	ND	ND	ND	0	ND
S-6	1'	ND	ND	ND	ND	ND	0	49.6
	2'	ND	ND	ND	ND	ND	0	69.5
	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
BG 1	6"	ND	ND	ND	ND	ND	0	ND

ND: Analyte Non-Detect

Based on the sample results, the bottoms and sidewalls are below NMOCD Closure Criteria 19.15.29 NMAC. See Appendix D for Photographic Documentation.

**Closure Request**

Due to analytical levels falling below NMOCD closure criteria, no further action is required.

After careful review, Pima requests that this incident, NRM1926054913 be closed. Devon has complied with the applicable closure requirements set forth in rule 19.15.19.12 NMAC.

Should you have any questions or need additional information, please feel free to contact Sebastian Orozco at 619-721-4813 or [Sebastian@pimaoil.com](mailto:Sebastian@pimaoil.com).

Respectfully,

*Sebastian Orozco*

Sebastian Orozco  
Environmental Professional  
Pima Environment Services, LLC

**Attachments**

Figures:

- 1- Location Map
- 2- Topographic Map
- 3- Karst Map
- 4- Initial Site Map

Appendices:

- Appendix A – Referenced Water Surveys
- Appendix B – Soil Survey and Geological Data
- Appendix C – C-141 Form & 48 Hour Notification
- Appendix D – Photographic Documentation
- Appendix E – Laboratory Reports
- Appendix F – Liner Inspection Form & Photographic Documentation



Pima Environmental Services

**Figures:**

1-Location Map

2-Topographic Map

3-Karst Map



4-Site Map

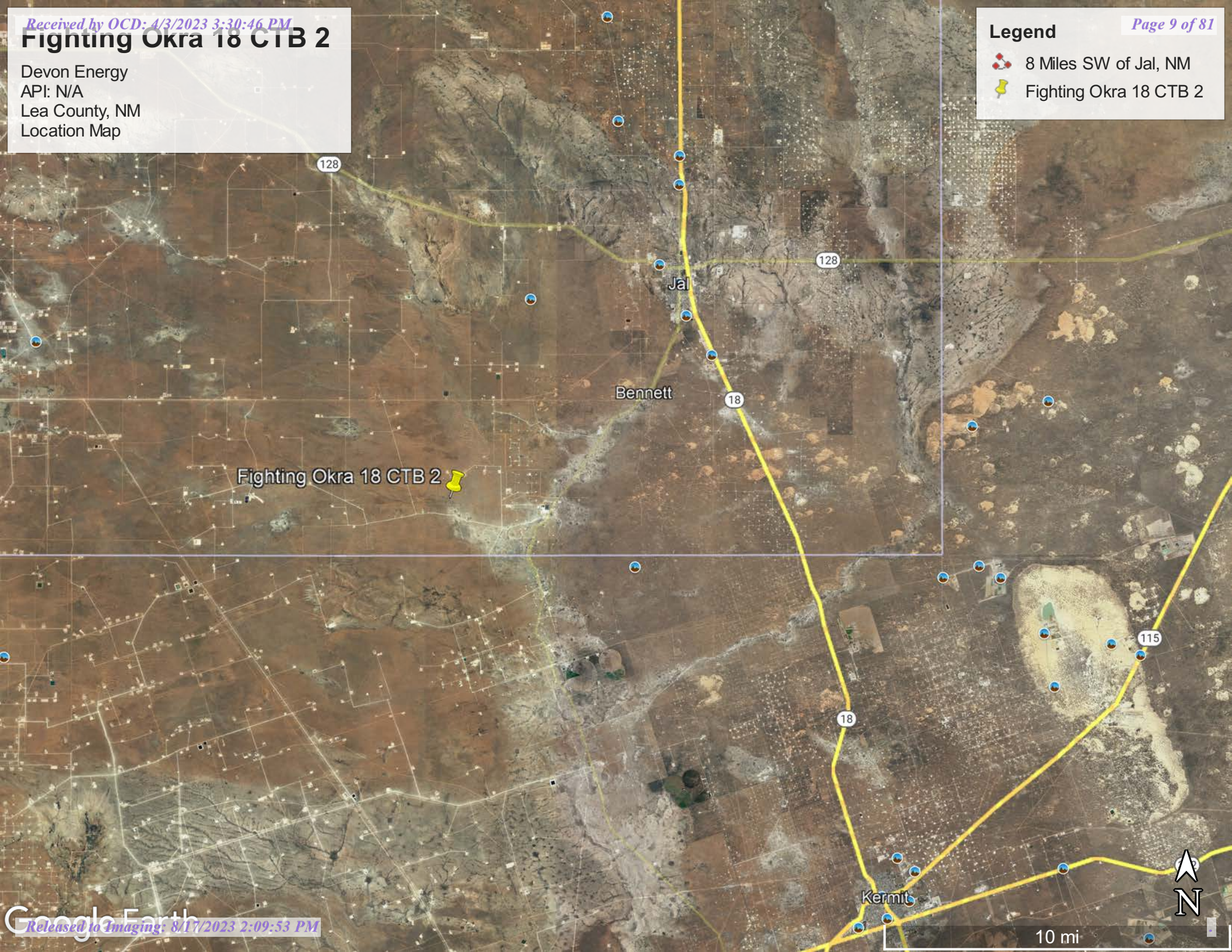



# Fighting Okra 18 CTB 2

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

## Legend

-  8 Miles SW of Jal, NM
-  Fighting Okra 18 CTB 2



Fighting Okra 18 CTB 2 

Jal

Bennett

Kermit

10 mi




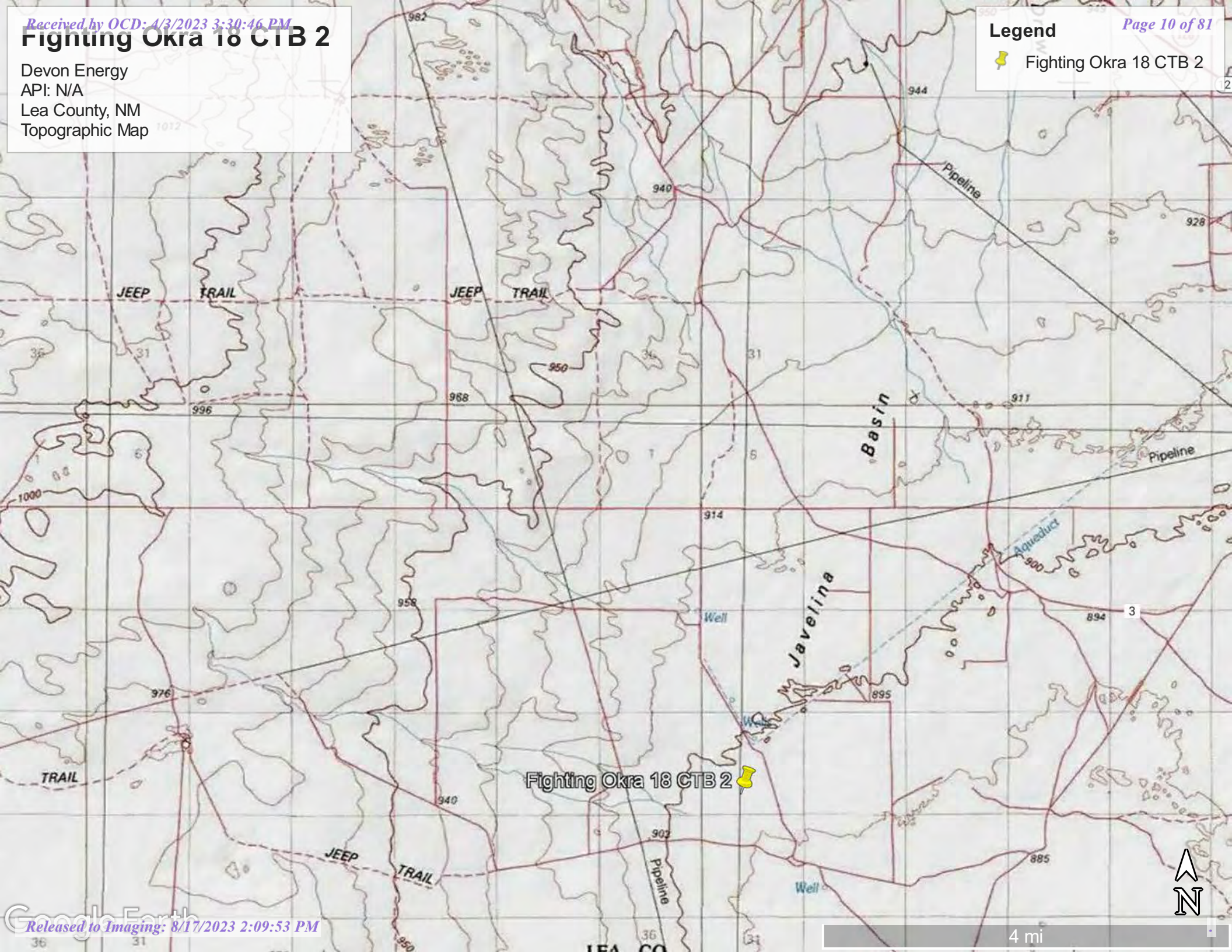



# Fighting Okra 18 CTB 2

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

**Legend**

-  Fighting Okra 18 CTB 2



Fighting Okra 18 CTB 2 







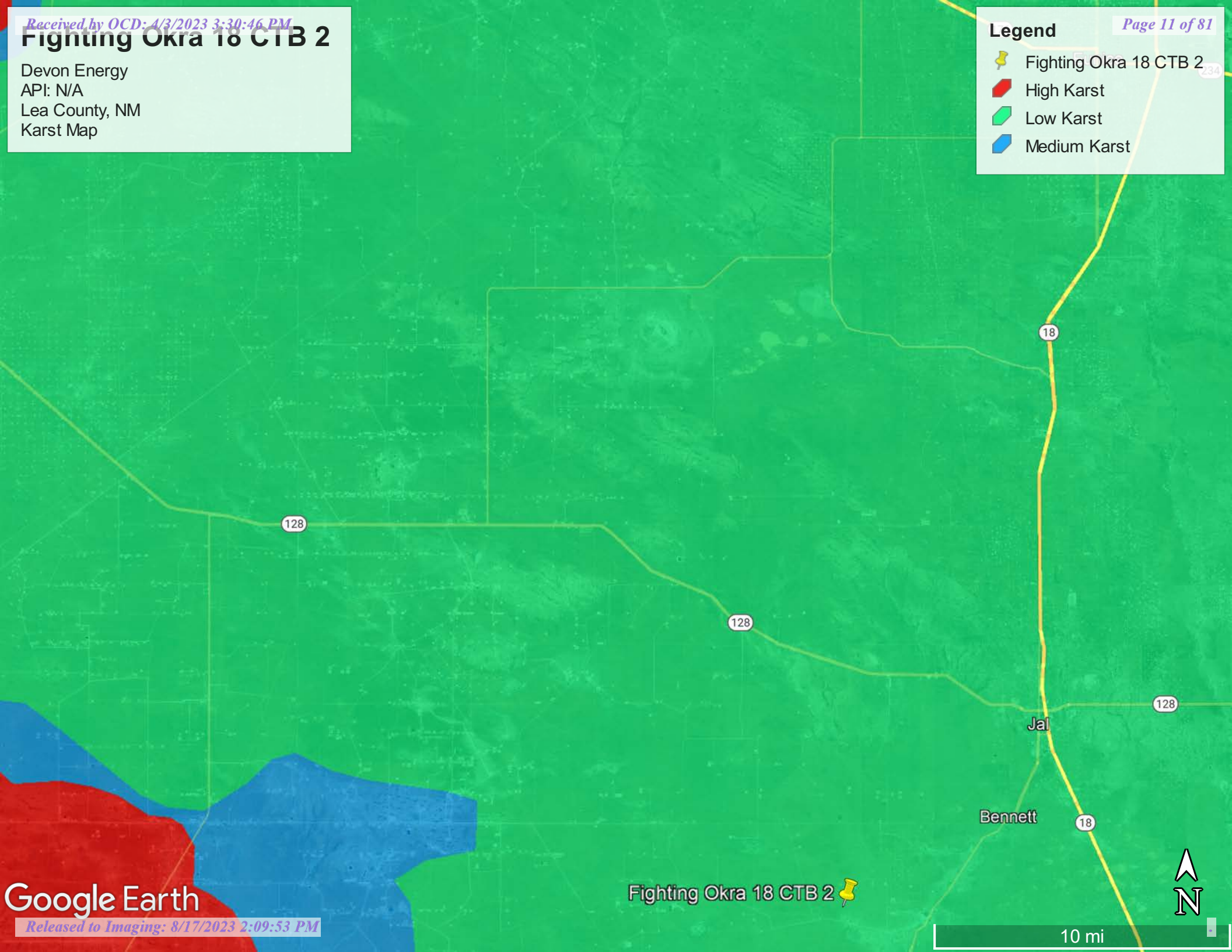



# Fighting Okra 18 CTB 2

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

## Legend

-  Fighting Okra 18 CTB 2
-  High Karst
-  Low Karst
-  Medium Karst



Fighting Okra 18 CTB 2 

10 mi

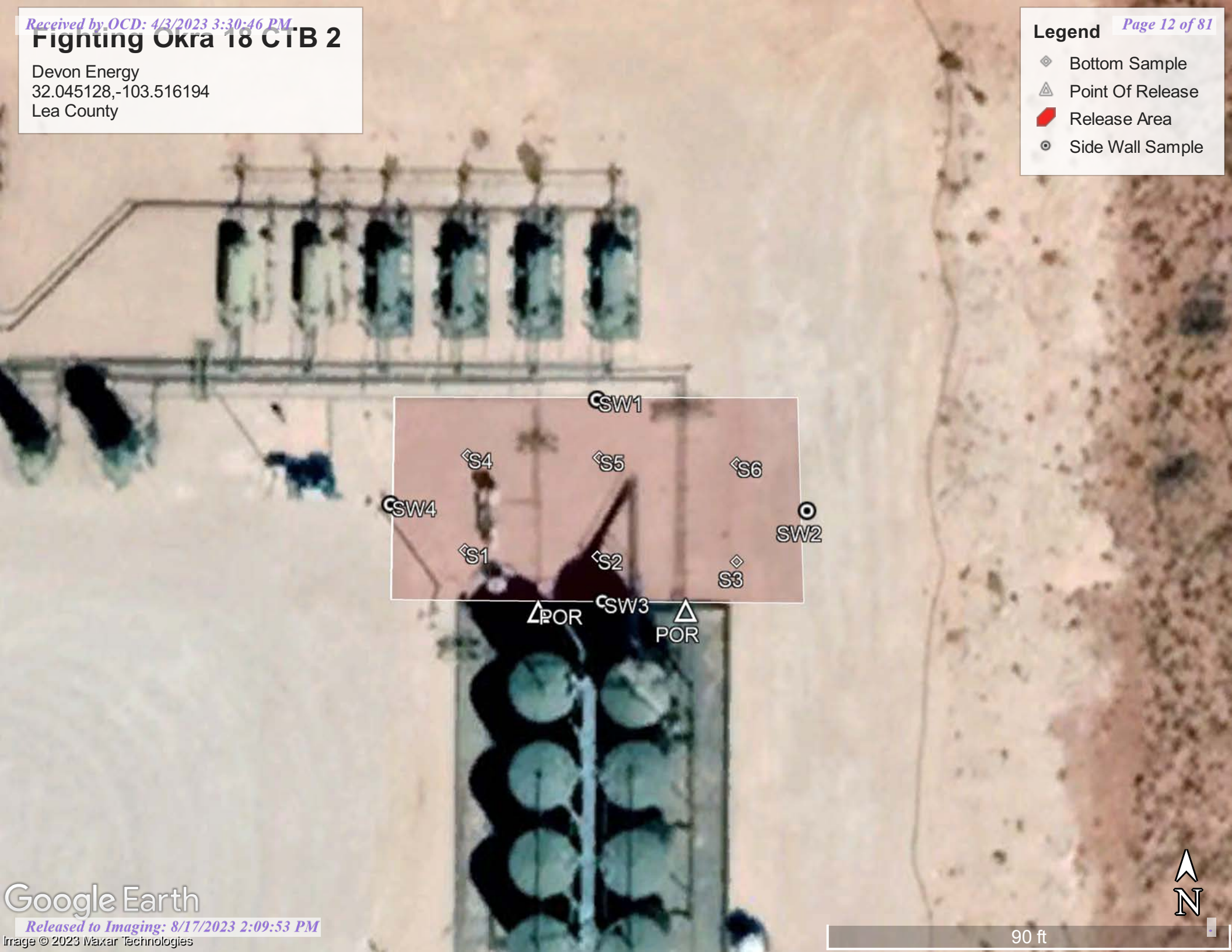
# Fighting Okra 18 CiB 2

Devon Energy  
32.045128,-103.516194  
Lea County

Page 12 of 81

**Legend**

- ◆ Bottom Sample
- ▲ Point Of Release
- Release Area
- ⊙ Side Wall Sample







Pima Environmental Services

**Appendix A**

Water Surveys:

OSE

USGS

Surface Water Map



# New Mexico Office of the State Engineer

## Water Column/Average Depth to Water

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

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

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

(In feet)

POD Number	POD Code	Sub-basin	County	Q 64	Q 16	Q 4	Q 30	Sec	Tws	Rng	X	Y	Distance	Well Depth	Water Depth	Water Column
<a href="#">J_00003 POD2</a>	J	LE	1	1	2	30	26S	36E	660265	3543972	496					99
<a href="#">J_00026 POD1</a>	J	LE	1	2	2	30	26S	36E	660612	3543961	756		571	285		286
<a href="#">J_00001 POD5</a>	J	LE	2	4	1	19	26S	36E	660099	3545187	815					260
<a href="#">J_00002 X3</a>	J	LE		3	1	19	26S	36E	659536	3545067*	818		710	216		494
<a href="#">J_00001 POD4</a>	J	LE	1	3	2	19	26S	36E	660244	3545180*	842		640	250		390
<a href="#">J_00001 X</a>	J	LE	1	3	2	19	26S	36E	660244	3545180*	842		640	250		390
<a href="#">J_00047 POD1</a>	J	LE	4	4	3	19	26S	36E	660797	3544917	977					
<a href="#">J_00034 POD1</a>	J	LE	2	4	2	30	26S	36E	660869	3543643	1153		506	250		256
<a href="#">C_03874 POD1</a>	CUB	LE	2	2	3	30	26S	36E	660141	3543200	1189		575	250		325
<a href="#">J_00033 POD1</a>	J	LE	2	4	2	30	26S	36E	660767	3543426	1235		551	250		301
<a href="#">J_00043 POD1</a>	J	LE	1	1	2	19	26S	36E	660221	3545607	1250					
<a href="#">J_00035 POD1</a>	J	LE	2	4	2	30	26S	36E	660923	3543521	1274		506	250		256
<a href="#">J_00041 POD1</a>	J	LE	1	1	1	19	26N	36E	659404	3545621	1369					270
<a href="#">J_00045 POD1</a>	J	LE	4	3	3	18	26S	36E	659712	3545848	1492		730	270		460
<a href="#">J_00002 X2</a>	J	LE		4	3	18	26S	36E	659929	3545879*	1500		650	214		436
<a href="#">C_03795 POD1</a>	C	LE	4	4	3	24	26S	35E	658419	3544221	1570		496	250		246
<a href="#">J_00042 POD1</a>	J	LE	3	1	3	18	26S	36E	659507	3546134	1817		710	270		440
<a href="#">J_00004 POD1</a>	J	LE	4	1	3	29	26S	36E	661366	3542970	1975		510	510		0

Average Depth to Water: **259 feet**  
 Minimum Depth: **99 feet**  
 Maximum Depth: **510 feet**

**Record Count:** 18

**UTMNAD83 Radius Search (in meters):**

**Easting (X):** 659981.34      **Northing (Y):** 3544379.74      **Radius:** 2000

\*UTM location was derived from PLSS - see Help

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

2/26/23 8:23 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



# New Mexico Office of the State Engineer

## Point of Diversion Summary

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

<b>Well Tag</b>	<b>POD Number</b>	<b>Q64</b>	<b>Q16</b>	<b>Q4</b>	<b>Sec</b>	<b>Tws</b>	<b>Rng</b>	<b>X</b>	<b>Y</b>
	J 00003 POD2	1	1	2	30	26S	36E	660265	3543972

<b>Driller License:</b>	<b>Driller Company:</b>	
<b>Driller Name:</b>		
<b>Drill Start Date:</b>	<b>Drill Finish Date:</b>	<b>Plug Date:</b>
<b>Log File Date:</b>	<b>PCW Rev Date:</b>	<b>Source:</b> Shallow
<b>Pump Type:</b>	<b>Pipe Discharge Size:</b>	<b>Estimated Yield:</b>
<b>Casing Size:</b>	<b>Depth Well:</b>	<b>Depth Water:</b> 99 feet

<b>Meter Number:</b> 16772	<b>Meter Make:</b> MASTER METER
<b>Meter Serial Number:</b> 3365603	<b>Meter Multiplier:</b> 100.0000
<b>Number of Dials:</b> 6	<b>Meter Type:</b> Diversion
<b>Unit of Measure:</b> Gallons	<b>Return Flow Percent:</b>
<b>Usage Multiplier:</b>	<b>Reading Frequency:</b> Monthly

**Meter Readings (in Acre-Feet)**

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount Online
01/31/2016	2016	62848	A	RPT		0
03/31/2016	2016	62853	A	RPT		0
04/30/2016	2016	62859	A	RPT		0
09/30/2016	2016	628730	A	RPT		1.737
10/31/2016	2016	628730	A	RPT		0
11/30/2016	2016	629210	A	RPT		0.001
01/31/2017	2017	631120	A	RPT		0.006
02/28/2017	2017	631120	A	RPT		0
03/31/2017	2017	631120	A	RPT		0
04/30/2017	2017	631214	A	RPT		0
05/31/2017	2017	639110	A	ap		2.423
06/30/2017	2017	641940	A	ap		0.868
10/31/2017	2017	711330	A	ap		21.295
11/30/2017	2017	719640	A	ap		2.550
12/31/2017	2017	719640	A	ap		0
01/31/2018	2018	719640	A	ap		0
02/28/2018	2018	719640	A	ap		0
03/31/2018	2018	719640	A	ap		0
04/30/2018	2018	719640	A	ap		0
05/31/2018	2018	727920	A	ap		2.541
06/30/2018	2018	727920	A	ap		0
03/20/2019	2019	729890	A	RPT		0.605

**\*\*YTD Meter Amounts:**

<b>Year</b>	<b>Amount</b>
2016	1.738

2017	27.142
2018	2.541
2019	0.605

---

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.

3/24/23 8:23 AM

POINT OF DIVERSION SUMMARY



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.
- [Full News](#)

Groundwater levels for the Nation

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

### Search Results -- 1 sites found

site\_no list =

- 362714103071201

Minimum number of levels = 1

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

### USGS 362714103071201 26S.36E.29.314412 J-4

Available data for this site

Groundwater: Field measurements



GO

Lea County, New Mexico

Hydrologic Unit Code 13070007

Latitude 32°00'41.38", Longitude 103°17'31.10" NAD83

Land-surface elevation 2,916.00 feet above NGVD29

The depth of the well is 604 feet below land surface.

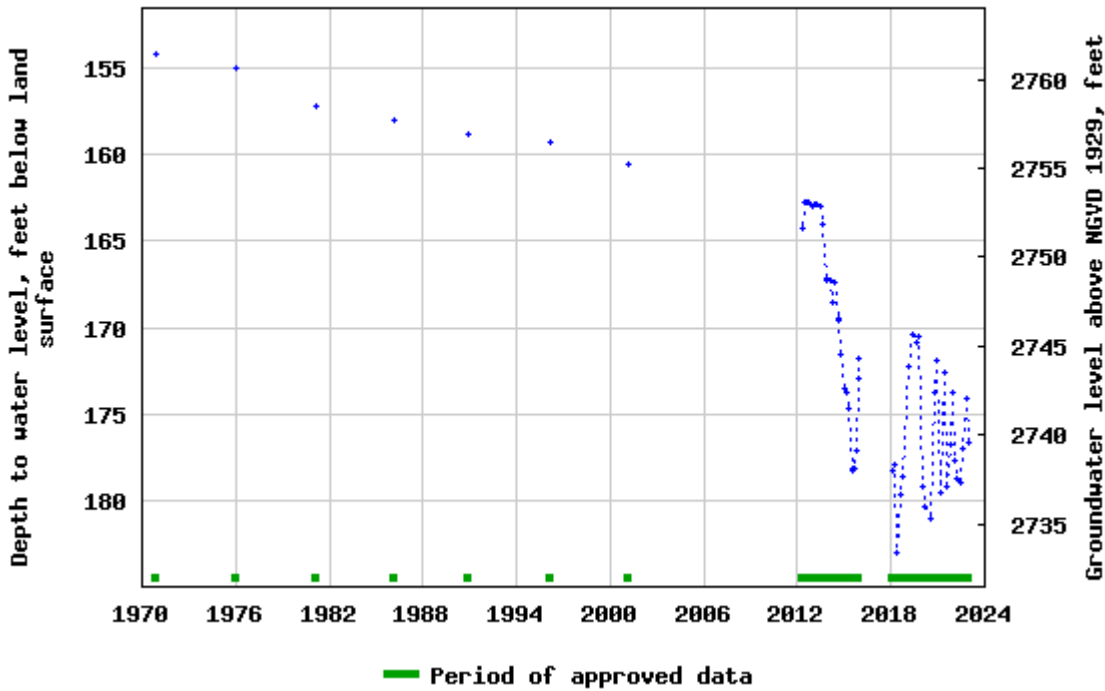
This well is completed in the Pecos River Basin alluvial aquifer (N100PCSRVR) national aquifer.

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

#### Output formats

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

USGS 362714103071201 26S,36E,29,314412 J-4



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

- [Questions about sites/data?](#)
- [Feedback on this web site](#)
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[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)

**Title: Groundwater for USA: Water Levels**

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



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

Page Last Modified: 2023-02-26 10:20:41 EST



0.57 0.5 nadww01

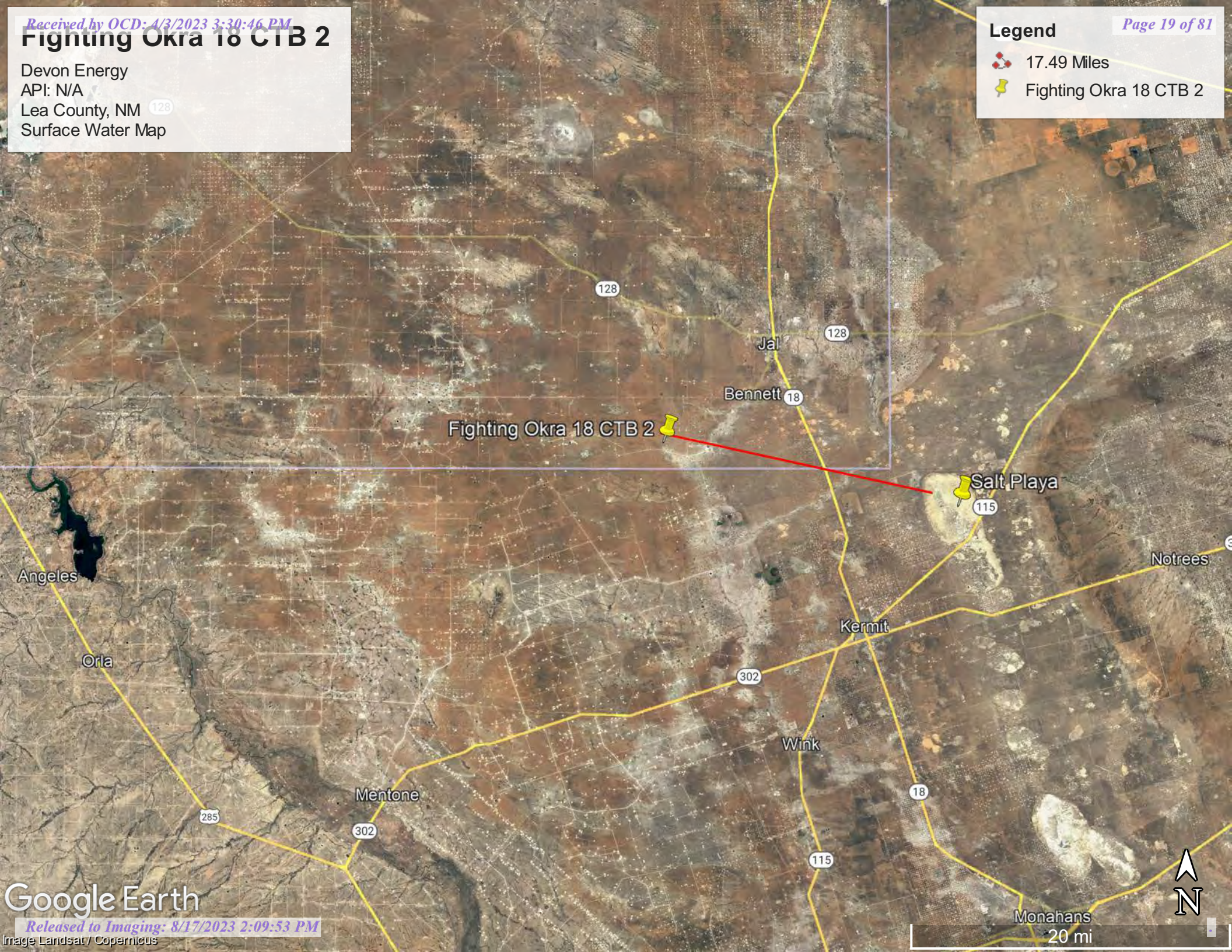


# Fighting Okra 18 CTB 2

Devon Energy  
API: N/A  
Lea County, NM <sup>128</sup>  
Surface Water Map

**Legend**

-  17.49 Miles
-  Fighting Okra 18 CTB 2



Angeles

Orla

Mentone

128

Jal

128

Bennett 18

Fighting Okra 18 CTB 2

Salt Playa

115

Notrees

Kermit

302

Wink

18

285

302

115

Monahans

20 mi







Pima Environmental Services

**Appendix B**

Soil Survey & Geological Data

FEMA Flood Map

Wetlands Map



Map Unit Description: Pyote soils and Dune land---Lea County, New Mexico

---

## Lea County, New Mexico

### PY—Pyote soils and Dune land

#### Map Unit Setting

*National map unit symbol:* dmqr  
*Elevation:* 3,000 to 4,400 feet  
*Mean annual precipitation:* 10 to 15 inches  
*Mean annual air temperature:* 60 to 64 degrees F  
*Frost-free period:* 190 to 220 days  
*Farmland classification:* Not prime farmland

#### Map Unit Composition

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

#### Description of Pyote

##### Setting

*Landform:* Depressions  
*Landform position (two-dimensional):* Footslope  
*Landform position (three-dimensional):* Base slope  
*Down-slope shape:* Concave  
*Across-slope shape:* Concave  
*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)

Map Unit Description: Pyote soils and Dune land---Lea County, New Mexico

---

### Interpretive groups

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

### Description of Dune Land

#### Setting

*Landform:* Dunes  
*Landform position (two-dimensional):* Backslope, shoulder  
*Landform position (three-dimensional):* Side slope  
*Down-slope shape:* Linear, convex  
*Across-slope shape:* Convex  
*Parent material:* Sandy eolian deposits derived from sedimentary rock

#### Typical profile

*A - 0 to 6 inches:* fine sand  
*C - 6 to 60 inches:* fine sand

### Interpretive groups

*Land capability classification (irrigated):* None specified  
*Land capability classification (nonirrigated):* 8  
*Hydrologic Soil Group:* A  
*Hydric soil rating:* No

### Minor Components

#### Kermit

*Percent of map unit:* 5 percent  
*Ecological site:* R070BC022NM - Sandhills  
*Hydric soil rating:* No

#### Maljamar, fine sand

*Percent of map unit:* 3 percent  
*Ecological site:* R070BD003NM - Loamy Sand  
*Hydric soil rating:* No

#### Wink

*Percent of map unit:* 2 percent  
*Ecological site:* R070BD003NM - Loamy Sand  
*Hydric soil rating:* No

## Data Source Information

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

# National Flood Hazard Layer FIRMMette



103°18'40"W 32°1'43"N



## Legend

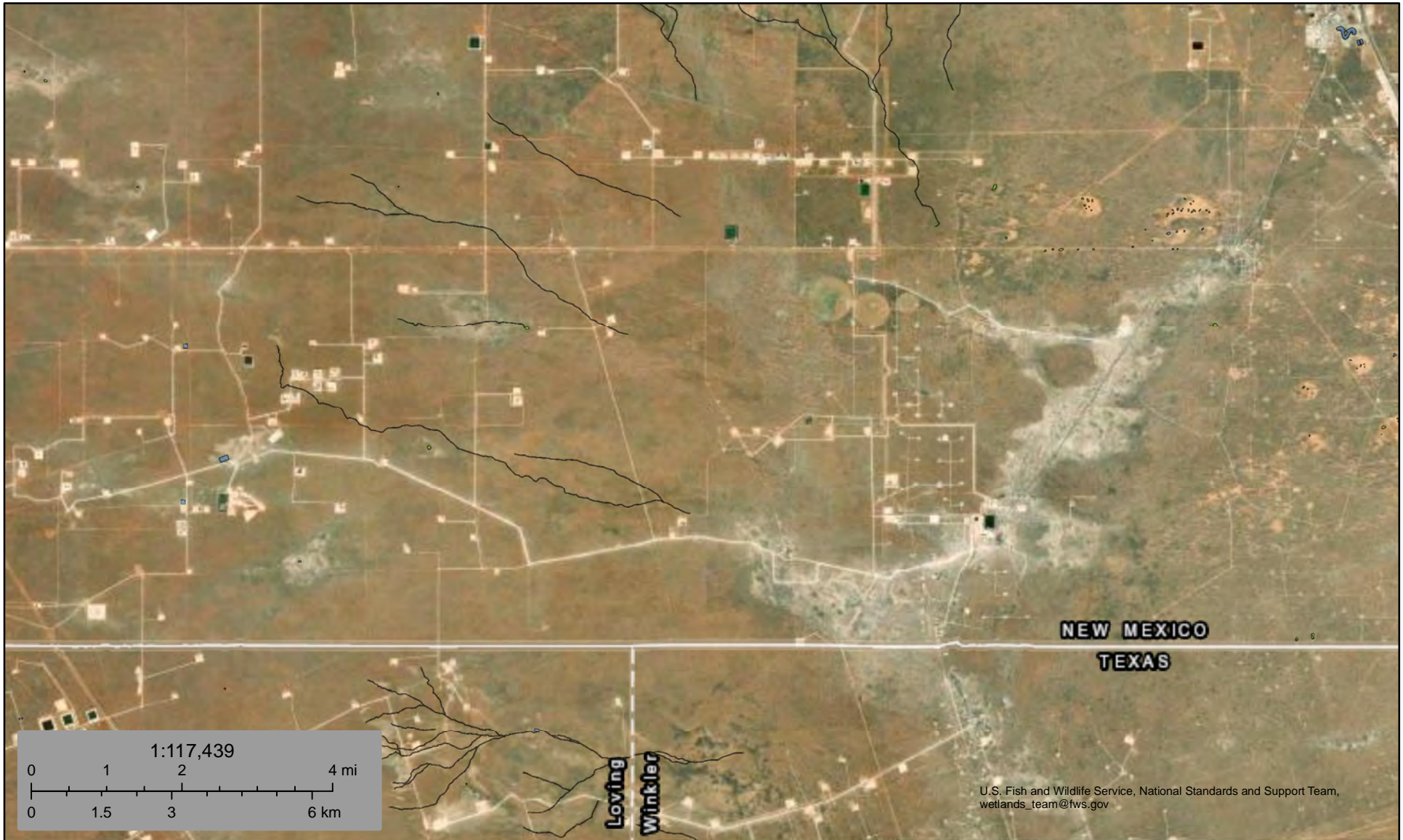
SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

- 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**
    - Cross Sections with 1% Annual Chance Water Surface Elevation: 20.2, 17.5
    - 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.






# Wetlands Map



U.S. Fish and Wildlife Service, National Standards and Support Team, wetlands\_team@fws.gov

February 26, 2023

### 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.



Pima Environmental Services

**Appendix C**

C-141 Form

48-Hour Notification

District I  
 1625 N. French Dr., Hobbs, NM 88240  
 District II  
 811 S. First St., Artesia, NM 88210  
 District III  
 1000 Rio Brazos Road, Aztec, NM 87410  
 District IV  
 1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Form C-141  
 Revised August 24, 2018  
 Submit to appropriate OCD District office

Incident ID	NRM1926054913
District RP	1RP-5669
Facility ID	fRM1926053913
Application ID	pRM1926053192

## Release Notification

### Responsible Party

Responsible Party Devon Energy Production Company	OGRID 6137
Contact Name Amanda T. Davis	Contact Telephone 575-748-0176
Contact email amanda.davis@dvn.com	Incident # (assigned by OCD)
Contact mailing address 6488 Seven Rivers HWY	

### Location of Release Source

Latitude 32.024271 Longitude -103.305947  
*(NAD 83 in decimal degrees to 5 decimal places)*

Site Name Fighting Okra 18 CTB 2	Site Type Oil
Date Release Discovered 8/23/2019	API# (if applicable)

Unit Letter	Section	Township	Range	County
E	18	26S	34E	Lea

Surface Owner:  State  Federal  Tribal  Private (Name: \_\_\_\_\_)

### Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 113	Volume Recovered (bbls) 113
	Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release This release was caused due to a leak in the water line. Spill area inside containment 80'x50'x1". Spill area outside of containment 126'x192'x1/4".

State of New Mexico  
Oil Conservation Division

Incident ID	NRM1926054913
District RP	1RP-5669
Facility ID	fRM1926053913
Application ID	pRM1926053192

Was this a major release as defined by 19.15.29.7(A) NMAC?  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? <b>This is considered a major release because it is over 25 BBLs.</b>
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? <b>Immediate notice was not given.</b>	

### Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:  	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
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.	
Printed Name: <u>Kendra DeHoyos</u>	Title: <u>EHS Associate</u>
Signature: <u>Kendra DeHoyos</u>	Date: <u>8/27/2019</u>
email: <u>kendra.dehoyos@dvn.com</u>	Telephone: <u>575-748-3371</u>
<b><u>OCD Only</u></b> Received by: <u>Ramona Marcus</u> Date: <u>09/17/2019</u>	

Incident ID	NRM1926054913
District RP	
Facility ID	
Application ID	

## Site Assessment/Characterization

*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?	99 (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

**Characterization Report Checklist:** *Each of the following items must be included in the report.*

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- Field data
- Data table of soil contaminant concentration data
- Depth to water determination
- Determination of water sources and significant watercourses within 1/2-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.



State of New Mexico  
Oil Conservation Division

Page 4

Incident ID	NRM1926054913
District RP	
Facility ID	
Application ID	

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.

Printed Name: Dale Woodall Title: Environmental Professional

Signature: *Dale Woodall* Date: 4/3/2023

email: dale.woodall@dvn.com Telephone: 575-748-1839

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

State of New Mexico  
Oil Conservation Division

Incident ID	NRM1926054913
District RP	
Facility ID	
Application ID	

## Closure

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 (electronic submittals in .pdf format are preferred) 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.

**Closure Report Attachment Checklist:** *Each of the following items must be included in the closure report.*

- A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- Description of remediation activities

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.

Printed Name: Dale Woodall Title: Environmental Professional

Signature: *Dale Woodall* Date: 4/3/2023

email: dale.woodall@dvn.com Telephone: 575-748-1839

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

**From:** [sebastian@pimaoil.com](mailto:sebastian@pimaoil.com)  
**To:** [ocdonline@state.nm.us](mailto:ocdonline@state.nm.us)  
**Cc:** "Gio PimaOil"; [Polly@pimaoil.com](mailto:Polly@pimaoil.com)  
**Subject:** Fighting Okra 18 CTB 2 Liner Inspection 48-hour Notification  
**Date:** Thursday, March 23, 2023 3:22:05 PM  
**Attachments:** [image001.png](#)

---

Good afternoon,

Pima Environmental would like to notify that we will be conducting a Liner Inspection at the Fighting Okra CTB 2 (NRM1935344790, NRM1926054913), on March 27<sup>th</sup>, 2023. Pima personnel will be on location approximately at 9:00 am. Thank you.

Respectfully,  
Sebastian Orozco  
Environmental Professional  
5614 N Lovington Hwy,  
Hobbs, NM 88240  
[Sebastian@pimaoil.com](mailto:Sebastian@pimaoil.com)  
619-721-4813 cell





Pima Environmental Services

**Appendix D**

Photographic Documentation



# SITE PHOTOGRAPHS DEVON ENERGY FIGHTING OKRA 18 CTB 2

## Site Assessment









Pima Environmental Services

## **Appendix E**

Laboratory Reports

Report to:  
Tom Bynum



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

### Pima Environmental Services-Carlsbad

Project Name: Fighting Okra 18 CTB 2

Work Order: E303035

Job Number: 01058-0007

Received: 3/10/2023

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
3/17/23

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: 3/17/23



Tom Bynum  
PO Box 247  
Plains, TX 79355-0247

Project Name: Fighting Okra 18 CTB 2  
Workorder: E303035  
Date Received: 3/10/2023 8:15:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/10/2023 8:15:00AM, under the Project Name: Fighting Okra 18 CTB 2.

The analytical test results summarized in this report with the Project Name: Fighting Okra 18 CTB 2 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto: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](mailto: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](http://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 CTB 2  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
03/17/23 14:27

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1 - 1'	E303035-01A	Soil	03/08/23	03/10/23	Glass Jar, 2 oz.
S1 - 2'	E303035-02A	Soil	03/08/23	03/10/23	Glass Jar, 2 oz.
S1 - 4'	E303035-03A	Soil	03/08/23	03/10/23	Glass Jar, 2 oz.
S2 - 1'	E303035-04A	Soil	03/08/23	03/10/23	Glass Jar, 2 oz.
S2 - 2'	E303035-05A	Soil	03/08/23	03/10/23	Glass Jar, 2 oz.
S2 - 4'	E303035-06A	Soil	03/08/23	03/10/23	Glass Jar, 2 oz.
S3 - 1'	E303035-07A	Soil	03/08/23	03/10/23	Glass Jar, 2 oz.
S3 - 2'	E303035-08A	Soil	03/08/23	03/10/23	Glass Jar, 2 oz.
S3 - 4'	E303035-09A	Soil	03/08/23	03/10/23	Glass Jar, 2 oz.
S4 - 1'	E303035-10A	Soil	03/08/23	03/10/23	Glass Jar, 2 oz.
S4 - 2'	E303035-11A	Soil	03/08/23	03/10/23	Glass Jar, 2 oz.
S4 - 4'	E303035-12A	Soil	03/08/23	03/10/23	Glass Jar, 2 oz.
S5 - 1'	E303035-13A	Soil	03/08/23	03/10/23	Glass Jar, 2 oz.
S5 - 2'	E303035-14A	Soil	03/08/23	03/10/23	Glass Jar, 2 oz.
S5 - 4'	E303035-15A	Soil	03/08/23	03/10/23	Glass Jar, 2 oz.
S6 - 1'	E303035-16A	Soil	03/08/23	03/10/23	Glass Jar, 2 oz.
S6 - 2'	E303035-17A	Soil	03/08/23	03/10/23	Glass Jar, 2 oz.
S6 - 4'	E303035-18A	Soil	03/08/23	03/10/23	Glass Jar, 2 oz.
SW1	E303035-19A	Soil	03/08/23	03/10/23	Glass Jar, 2 oz.
SW2	E303035-20A	Soil	03/08/23	03/10/23	Glass Jar, 2 oz.
SW3	E303035-21A	Soil	03/08/23	03/10/23	Glass Jar, 2 oz.
SW4	E303035-22A	Soil	03/08/23	03/10/23	Glass Jar, 2 oz.
BG1	E303035-23A	Soil	03/08/23	03/10/23	Glass Jar, 2 oz.





### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 CTB 2 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 3/17/2023 2:27:22PM
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S1 - 1'

E303035-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2310055
Benzene	ND	0.0250	1	03/09/23	03/15/23	
Ethylbenzene	ND	0.0250	1	03/09/23	03/15/23	
Toluene	ND	0.0250	1	03/09/23	03/15/23	
o-Xylene	ND	0.0250	1	03/09/23	03/15/23	
p,m-Xylene	ND	0.0500	1	03/09/23	03/15/23	
Total Xylenes	ND	0.0250	1	03/09/23	03/15/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	03/09/23	03/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2310055
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/23	03/15/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.5 %	70-130	03/09/23	03/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2311011
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/23	03/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/23	03/14/23	
<i>Surrogate: n-Nonane</i>		95.9 %	50-200	03/13/23	03/14/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2310058
Chloride	30.9	20.0	1	03/13/23	03/14/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 CTB 2 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 3/17/2023 2:27:22PM
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S1 - 2'

E303035-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2310055
Benzene	ND	0.0250	1	03/09/23	03/15/23	
Ethylbenzene	ND	0.0250	1	03/09/23	03/15/23	
Toluene	ND	0.0250	1	03/09/23	03/15/23	
o-Xylene	ND	0.0250	1	03/09/23	03/15/23	
p,m-Xylene	ND	0.0500	1	03/09/23	03/15/23	
Total Xylenes	ND	0.0250	1	03/09/23	03/15/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	03/09/23	03/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2310055
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/23	03/15/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		84.5 %	70-130	03/09/23	03/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2311011
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/23	03/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/23	03/14/23	
<i>Surrogate: n-Nonane</i>		96.6 %	50-200	03/13/23	03/14/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2310058
Chloride	54.6	20.0	1	03/13/23	03/14/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 CTB 2 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 3/17/2023 2:27:22PM
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S1 - 4'

E303035-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2310055
Benzene	ND	0.0250	1	03/09/23	03/15/23	
Ethylbenzene	ND	0.0250	1	03/09/23	03/15/23	
Toluene	ND	0.0250	1	03/09/23	03/15/23	
o-Xylene	ND	0.0250	1	03/09/23	03/15/23	
p,m-Xylene	ND	0.0500	1	03/09/23	03/15/23	
Total Xylenes	ND	0.0250	1	03/09/23	03/15/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		105 %	70-130	03/09/23	03/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2310055
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/23	03/15/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.0 %	70-130	03/09/23	03/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2311011
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/23	03/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/23	03/14/23	
<i>Surrogate: n-Nonane</i>		102 %	50-200	03/13/23	03/14/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2310058
Chloride	50.5	20.0	1	03/13/23	03/14/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 CTB 2 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 3/17/2023 2:27:22PM
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S2 - 1'

E303035-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2310055
Benzene	ND	0.0250	1	03/09/23	03/15/23	
Ethylbenzene	ND	0.0250	1	03/09/23	03/15/23	
Toluene	ND	0.0250	1	03/09/23	03/15/23	
o-Xylene	ND	0.0250	1	03/09/23	03/15/23	
p,m-Xylene	ND	0.0500	1	03/09/23	03/15/23	
Total Xylenes	ND	0.0250	1	03/09/23	03/15/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	03/09/23	03/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2310055
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/23	03/15/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		84.1 %	70-130	03/09/23	03/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2311011
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/23	03/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/23	03/14/23	
<i>Surrogate: n-Nonane</i>		99.0 %	50-200	03/13/23	03/14/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2310058
Chloride	32.6	20.0	1	03/13/23	03/14/23	





### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 CTB 2 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 3/17/2023 2:27:22PM
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S2 - 2'

E303035-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2310055
Benzene	ND	0.0250	1	03/09/23	03/15/23	
Ethylbenzene	ND	0.0250	1	03/09/23	03/15/23	
Toluene	ND	0.0250	1	03/09/23	03/15/23	
o-Xylene	ND	0.0250	1	03/09/23	03/15/23	
p,m-Xylene	ND	0.0500	1	03/09/23	03/15/23	
Total Xylenes	ND	0.0250	1	03/09/23	03/15/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	03/09/23	03/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2310055
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/23	03/15/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		84.3 %	70-130	03/09/23	03/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2311011
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/23	03/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/23	03/14/23	
<i>Surrogate: n-Nonane</i>		98.8 %	50-200	03/13/23	03/14/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2310058
Chloride	34.1	20.0	1	03/13/23	03/14/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 CTB 2 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 3/17/2023 2:27:22PM
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S2 - 4'

E303035-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2310055
Benzene	ND	0.0250	1	03/09/23	03/15/23	
Ethylbenzene	ND	0.0250	1	03/09/23	03/15/23	
Toluene	ND	0.0250	1	03/09/23	03/15/23	
o-Xylene	ND	0.0250	1	03/09/23	03/15/23	
p,m-Xylene	ND	0.0500	1	03/09/23	03/15/23	
Total Xylenes	ND	0.0250	1	03/09/23	03/15/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	03/09/23	03/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2310055
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/23	03/15/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.2 %	70-130	03/09/23	03/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2311011
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/23	03/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/23	03/14/23	
<i>Surrogate: n-Nonane</i>		97.4 %	50-200	03/13/23	03/14/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2310058
Chloride	ND	20.0	1	03/13/23	03/14/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 CTB 2 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 3/17/2023 2:27:22PM
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S3 - 1'

E303035-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2310055
Benzene	ND	0.0250	1	03/09/23	03/15/23	
Ethylbenzene	ND	0.0250	1	03/09/23	03/15/23	
Toluene	ND	0.0250	1	03/09/23	03/15/23	
o-Xylene	ND	0.0250	1	03/09/23	03/15/23	
p,m-Xylene	ND	0.0500	1	03/09/23	03/15/23	
Total Xylenes	ND	0.0250	1	03/09/23	03/15/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	03/09/23	03/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2310055
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/23	03/15/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		86.3 %	70-130	03/09/23	03/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2311011
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/23	03/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/23	03/14/23	
<i>Surrogate: n-Nonane</i>		99.5 %	50-200	03/13/23	03/14/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2310058
Chloride	36.5	20.0	1	03/13/23	03/14/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 CTB 2 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 3/17/2023 2:27:22PM
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S3 - 2'

E303035-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2310055
Benzene	ND	0.0250	1	03/09/23	03/15/23	
Ethylbenzene	ND	0.0250	1	03/09/23	03/15/23	
Toluene	ND	0.0250	1	03/09/23	03/15/23	
o-Xylene	ND	0.0250	1	03/09/23	03/15/23	
p,m-Xylene	ND	0.0500	1	03/09/23	03/15/23	
Total Xylenes	ND	0.0250	1	03/09/23	03/15/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		105 %	70-130	03/09/23	03/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2310055
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/23	03/15/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		82.3 %	70-130	03/09/23	03/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2311011
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/23	03/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/23	03/14/23	
<i>Surrogate: n-Nonane</i>		97.8 %	50-200	03/13/23	03/14/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2310058
Chloride	68.8	20.0	1	03/13/23	03/14/23	





### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 CTB 2 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 3/17/2023 2:27:22PM
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S3 - 4'

E303035-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2310055
Benzene	ND	0.0250	1	03/09/23	03/15/23	
Ethylbenzene	ND	0.0250	1	03/09/23	03/15/23	
Toluene	ND	0.0250	1	03/09/23	03/15/23	
o-Xylene	ND	0.0250	1	03/09/23	03/15/23	
p,m-Xylene	ND	0.0500	1	03/09/23	03/15/23	
Total Xylenes	ND	0.0250	1	03/09/23	03/15/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		105 %	70-130	03/09/23	03/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2310055
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/23	03/15/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		86.1 %	70-130	03/09/23	03/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2311011
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/23	03/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/23	03/14/23	
<i>Surrogate: n-Nonane</i>		97.4 %	50-200	03/13/23	03/14/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2310058
Chloride	ND	20.0	1	03/13/23	03/14/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 CTB 2 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 3/17/2023 2:27:22PM
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S4 - 1'

E303035-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2310055
Benzene	ND	0.0250	1	03/09/23	03/15/23	
Ethylbenzene	ND	0.0250	1	03/09/23	03/15/23	
Toluene	ND	0.0250	1	03/09/23	03/15/23	
o-Xylene	ND	0.0250	1	03/09/23	03/15/23	
p,m-Xylene	ND	0.0500	1	03/09/23	03/15/23	
Total Xylenes	ND	0.0250	1	03/09/23	03/15/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		105 %	70-130	03/09/23	03/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2310055
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/23	03/15/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.5 %	70-130	03/09/23	03/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2311011
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/23	03/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/23	03/14/23	
<i>Surrogate: n-Nonane</i>		97.1 %	50-200	03/13/23	03/14/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2310058
Chloride	45.4	20.0	1	03/13/23	03/14/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 CTB 2 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 3/17/2023 2:27:22PM
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S4 - 2'

E303035-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2310055
Benzene	ND	0.0250	1	03/09/23	03/15/23	
Ethylbenzene	ND	0.0250	1	03/09/23	03/15/23	
Toluene	ND	0.0250	1	03/09/23	03/15/23	
o-Xylene	ND	0.0250	1	03/09/23	03/15/23	
p,m-Xylene	ND	0.0500	1	03/09/23	03/15/23	
Total Xylenes	ND	0.0250	1	03/09/23	03/15/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	03/09/23	03/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2310055
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/23	03/15/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		82.7 %	70-130	03/09/23	03/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2311011
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/23	03/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/23	03/14/23	
<i>Surrogate: n-Nonane</i>		102 %	50-200	03/13/23	03/14/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2310058
Chloride	37.0	20.0	1	03/13/23	03/14/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 CTB 2 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 3/17/2023 2:27:22PM
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S4 - 4'

E303035-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2310055
Benzene	ND	0.0250	1	03/09/23	03/15/23	
Ethylbenzene	ND	0.0250	1	03/09/23	03/15/23	
Toluene	ND	0.0250	1	03/09/23	03/15/23	
o-Xylene	ND	0.0250	1	03/09/23	03/15/23	
p,m-Xylene	ND	0.0500	1	03/09/23	03/15/23	
Total Xylenes	ND	0.0250	1	03/09/23	03/15/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		105 %	70-130	03/09/23	03/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2310055
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/23	03/15/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.1 %	70-130	03/09/23	03/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2311011
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/23	03/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/23	03/14/23	
<i>Surrogate: n-Nonane</i>		95.9 %	50-200	03/13/23	03/14/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2310058
Chloride	ND	20.0	1	03/13/23	03/14/23	





### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 CTB 2 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 3/17/2023 2:27:22PM
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S5 - 1'

E303035-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2310055
Benzene	ND	0.0250	1	03/09/23	03/15/23	
Ethylbenzene	ND	0.0250	1	03/09/23	03/15/23	
Toluene	ND	0.0250	1	03/09/23	03/15/23	
o-Xylene	ND	0.0250	1	03/09/23	03/15/23	
p,m-Xylene	ND	0.0500	1	03/09/23	03/15/23	
Total Xylenes	ND	0.0250	1	03/09/23	03/15/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		106 %	70-130	03/09/23	03/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2310055
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/23	03/15/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		85.9 %	70-130	03/09/23	03/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2311011
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/23	03/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/23	03/14/23	
<i>Surrogate: n-Nonane</i>		100 %	50-200	03/13/23	03/14/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2310058
Chloride	84.3	20.0	1	03/13/23	03/14/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 CTB 2 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 3/17/2023 2:27:22PM
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S5 - 2'

E303035-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2310055
Benzene	ND	0.0250	1	03/09/23	03/15/23	
Ethylbenzene	ND	0.0250	1	03/09/23	03/15/23	
Toluene	ND	0.0250	1	03/09/23	03/15/23	
o-Xylene	ND	0.0250	1	03/09/23	03/15/23	
p,m-Xylene	ND	0.0500	1	03/09/23	03/15/23	
Total Xylenes	ND	0.0250	1	03/09/23	03/15/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	03/09/23	03/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2310055
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/23	03/15/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		86.8 %	70-130	03/09/23	03/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2311011
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/23	03/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/23	03/14/23	
<i>Surrogate: n-Nonane</i>		96.9 %	50-200	03/13/23	03/14/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2310058
Chloride	60.9	20.0	1	03/13/23	03/14/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 CTB 2 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 3/17/2023 2:27:22PM
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S5 - 4'

E303035-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2310055
Benzene	ND	0.0250	1	03/09/23	03/15/23	
Ethylbenzene	ND	0.0250	1	03/09/23	03/15/23	
Toluene	ND	0.0250	1	03/09/23	03/15/23	
o-Xylene	ND	0.0250	1	03/09/23	03/15/23	
p,m-Xylene	ND	0.0500	1	03/09/23	03/15/23	
Total Xylenes	ND	0.0250	1	03/09/23	03/15/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		107 %	70-130	03/09/23	03/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2310055
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/23	03/15/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.8 %	70-130	03/09/23	03/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2311011
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/23	03/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/23	03/14/23	
<i>Surrogate: n-Nonane</i>		101 %	50-200	03/13/23	03/14/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2310058
Chloride	ND	20.0	1	03/13/23	03/14/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 CTB 2 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 3/17/2023 2:27:22PM
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S6 - 1'

E303035-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2310055
Benzene	ND	0.0250	1	03/09/23	03/15/23	
Ethylbenzene	ND	0.0250	1	03/09/23	03/15/23	
Toluene	ND	0.0250	1	03/09/23	03/15/23	
o-Xylene	ND	0.0250	1	03/09/23	03/15/23	
p,m-Xylene	ND	0.0500	1	03/09/23	03/15/23	
Total Xylenes	ND	0.0250	1	03/09/23	03/15/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	03/09/23	03/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2310055
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/23	03/15/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.0 %	70-130	03/09/23	03/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2311011
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/23	03/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/23	03/14/23	
<i>Surrogate: n-Nonane</i>		95.5 %	50-200	03/13/23	03/14/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2310058
Chloride	49.6	20.0	1	03/13/23	03/14/23	





### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 CTB 2 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 3/17/2023 2:27:22PM
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S6 - 2'

E303035-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2310055
Benzene	ND	0.0250	1	03/09/23	03/15/23	
Ethylbenzene	ND	0.0250	1	03/09/23	03/15/23	
Toluene	ND	0.0250	1	03/09/23	03/15/23	
o-Xylene	ND	0.0250	1	03/09/23	03/15/23	
p,m-Xylene	ND	0.0500	1	03/09/23	03/15/23	
Total Xylenes	ND	0.0250	1	03/09/23	03/15/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		107 %	70-130	03/09/23	03/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2310055
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/23	03/15/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		85.3 %	70-130	03/09/23	03/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2311011
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/23	03/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/23	03/14/23	
<i>Surrogate: n-Nonane</i>		98.0 %	50-200	03/13/23	03/14/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2310058
Chloride	69.5	20.0	1	03/13/23	03/15/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 CTB 2 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 3/17/2023 2:27:22PM
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S6 - 4'

E303035-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2310055
Benzene	ND	0.0250	1	03/09/23	03/15/23	
Ethylbenzene	ND	0.0250	1	03/09/23	03/15/23	
Toluene	ND	0.0250	1	03/09/23	03/15/23	
o-Xylene	ND	0.0250	1	03/09/23	03/15/23	
p,m-Xylene	ND	0.0500	1	03/09/23	03/15/23	
Total Xylenes	ND	0.0250	1	03/09/23	03/15/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		106 %	70-130	03/09/23	03/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2310055
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/23	03/15/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.1 %	70-130	03/09/23	03/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2311011
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/23	03/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/23	03/14/23	
<i>Surrogate: n-Nonane</i>		89.3 %	50-200	03/13/23	03/14/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2310058
Chloride	ND	20.0	1	03/13/23	03/15/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 CTB 2 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 3/17/2023 2:27:22PM
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**SW1**

**E303035-19**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2310055
Benzene	ND	0.0250	1	03/09/23	03/15/23	
Ethylbenzene	ND	0.0250	1	03/09/23	03/15/23	
Toluene	ND	0.0250	1	03/09/23	03/15/23	
o-Xylene	ND	0.0250	1	03/09/23	03/15/23	
p,m-Xylene	ND	0.0500	1	03/09/23	03/15/23	
Total Xylenes	ND	0.0250	1	03/09/23	03/15/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		105 %	70-130	03/09/23	03/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2310055
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/23	03/15/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		85.8 %	70-130	03/09/23	03/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2311011
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/23	03/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/23	03/14/23	
<i>Surrogate: n-Nonane</i>		94.6 %	50-200	03/13/23	03/14/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2310058
Chloride	ND	20.0	1	03/13/23	03/15/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 CTB 2 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 3/17/2023 2:27:22PM
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**SW2**

**E303035-20**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2310055
Benzene	ND	0.0250	1	03/09/23	03/15/23	
Ethylbenzene	ND	0.0250	1	03/09/23	03/15/23	
Toluene	ND	0.0250	1	03/09/23	03/15/23	
o-Xylene	ND	0.0250	1	03/09/23	03/15/23	
p,m-Xylene	ND	0.0500	1	03/09/23	03/15/23	
Total Xylenes	ND	0.0250	1	03/09/23	03/15/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		108 %	70-130	03/09/23	03/15/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2310055
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/23	03/15/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		84.6 %	70-130	03/09/23	03/15/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2311011
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/23	03/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/23	03/14/23	
<i>Surrogate: n-Nonane</i>		85.6 %	50-200	03/13/23	03/14/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2310058
Chloride	ND	20.0	1	03/13/23	03/15/23	





### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 CTB 2 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 3/17/2023 2:27:22PM
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**SW3**

**E303035-21**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2310054
Benzene	ND	0.0250	1	03/09/23	03/17/23	
Ethylbenzene	ND	0.0250	1	03/09/23	03/17/23	
Toluene	ND	0.0250	1	03/09/23	03/17/23	
o-Xylene	ND	0.0250	1	03/09/23	03/17/23	
p,m-Xylene	ND	0.0500	1	03/09/23	03/17/23	
Total Xylenes	ND	0.0250	1	03/09/23	03/17/23	
<i>Surrogate: Bromofluorobenzene</i>		99.8 %	70-130	03/09/23	03/17/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		115 %	70-130	03/09/23	03/17/23	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	03/09/23	03/17/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2310054
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/23	03/17/23	
<i>Surrogate: Bromofluorobenzene</i>		99.8 %	70-130	03/09/23	03/17/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		115 %	70-130	03/09/23	03/17/23	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	03/09/23	03/17/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2311010
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/23	03/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/23	03/14/23	
<i>Surrogate: n-Nonane</i>		79.8 %	50-200	03/13/23	03/14/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2310056
Chloride	ND	20.0	1	03/10/23	03/10/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 CTB 2 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 3/17/2023 2:27:22PM
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**SW4**

**E303035-22**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2310054
Benzene	ND	0.0250	1	03/09/23	03/17/23	
Ethylbenzene	ND	0.0250	1	03/09/23	03/17/23	
Toluene	ND	0.0250	1	03/09/23	03/17/23	
o-Xylene	ND	0.0250	1	03/09/23	03/17/23	
p,m-Xylene	ND	0.0500	1	03/09/23	03/17/23	
Total Xylenes	ND	0.0250	1	03/09/23	03/17/23	
<i>Surrogate: Bromofluorobenzene</i>		98.5 %	70-130	03/09/23	03/17/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		111 %	70-130	03/09/23	03/17/23	
<i>Surrogate: Toluene-d8</i>		103 %	70-130	03/09/23	03/17/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2310054
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/23	03/17/23	
<i>Surrogate: Bromofluorobenzene</i>		98.5 %	70-130	03/09/23	03/17/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		111 %	70-130	03/09/23	03/17/23	
<i>Surrogate: Toluene-d8</i>		103 %	70-130	03/09/23	03/17/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2311010
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/23	03/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/23	03/14/23	
<i>Surrogate: n-Nonane</i>		81.3 %	50-200	03/13/23	03/14/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2310056
Chloride	ND	20.0	1	03/10/23	03/10/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 CTB 2 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 3/17/2023 2:27:22PM
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**BG1**

**E303035-23**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2310054
Benzene	ND	0.0250	1	03/09/23	03/17/23	
Ethylbenzene	ND	0.0250	1	03/09/23	03/17/23	
Toluene	ND	0.0250	1	03/09/23	03/17/23	
o-Xylene	ND	0.0250	1	03/09/23	03/17/23	
p,m-Xylene	ND	0.0500	1	03/09/23	03/17/23	
Total Xylenes	ND	0.0250	1	03/09/23	03/17/23	
<i>Surrogate: Bromofluorobenzene</i>		98.8 %	70-130	03/09/23	03/17/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		115 %	70-130	03/09/23	03/17/23	
<i>Surrogate: Toluene-d8</i>		103 %	70-130	03/09/23	03/17/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2310054
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/09/23	03/17/23	
<i>Surrogate: Bromofluorobenzene</i>		98.8 %	70-130	03/09/23	03/17/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		115 %	70-130	03/09/23	03/17/23	
<i>Surrogate: Toluene-d8</i>		103 %	70-130	03/09/23	03/17/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2311010
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/23	03/14/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/23	03/14/23	
<i>Surrogate: n-Nonane</i>		81.8 %	50-200	03/13/23	03/14/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2310056
Chloride	ND	20.0	1	03/10/23	03/10/23	



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 CTB 2 Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 3/17/2023 2:27:22PM
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#### Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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#### Blank (2310054-BLK1)

Prepared: 03/09/23 Analyzed: 03/16/23

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: Bromofluorobenzene	0.518		0.500		104		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.604		0.500		121		70-130		
Surrogate: Toluene-d8	0.500		0.500		99.9		70-130		

#### LCS (2310054-BS1)

Prepared: 03/09/23 Analyzed: 03/16/23

Benzene	2.86	0.0250	2.50		114		70-130		
Ethylbenzene	2.76	0.0250	2.50		110		70-130		
Toluene	2.87	0.0250	2.50		115		70-130		
o-Xylene	2.82	0.0250	2.50		113		70-130		
p,m-Xylene	5.66	0.0500	5.00		113		70-130		
Total Xylenes	8.48	0.0250	7.50		113		70-130		
Surrogate: Bromofluorobenzene	0.507		0.500		101		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.584		0.500		117		70-130		
Surrogate: Toluene-d8	0.508		0.500		102		70-130		

#### Matrix Spike (2310054-MS1)

Source: E303034-01

Prepared: 03/09/23 Analyzed: 03/16/23

Benzene	2.45	0.0250	2.50	ND	98.0		48-131		
Ethylbenzene	2.40	0.0250	2.50	ND	96.0		45-135		
Toluene	2.49	0.0250	2.50	ND	99.6		48-130		
o-Xylene	2.50	0.0250	2.50	ND	99.8		43-135		
p,m-Xylene	4.95	0.0500	5.00	ND	98.9		43-135		
Total Xylenes	7.44	0.0250	7.50	ND	99.2		43-135		
Surrogate: Bromofluorobenzene	0.526		0.500		105		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.579		0.500		116		70-130		
Surrogate: Toluene-d8	0.513		0.500		103		70-130		

#### Matrix Spike Dup (2310054-MSD1)

Source: E303034-01

Prepared: 03/09/23 Analyzed: 03/16/23

Benzene	2.46	0.0250	2.50	ND	98.4		48-131	0.407	23
Ethylbenzene	2.42	0.0250	2.50	ND	96.7		45-135	0.726	27
Toluene	2.51	0.0250	2.50	ND	100		48-130	0.840	24
o-Xylene	2.50	0.0250	2.50	ND	100		43-135	0.320	27
p,m-Xylene	4.99	0.0500	5.00	ND	99.9		43-135	0.966	27
Total Xylenes	7.50	0.0250	7.50	ND	100		43-135	0.750	27
Surrogate: Bromofluorobenzene	0.531		0.500		106		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.593		0.500		119		70-130		
Surrogate: Toluene-d8	0.507		0.500		101		70-130		





### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 CTB 2 Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 3/17/2023 2:27:22PM
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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 (2310055-BLK1)

Prepared: 03/09/23 Analyzed: 03/15/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.42		8.00		105	70-130			

#### LCS (2310055-BS1)

Prepared: 03/09/23 Analyzed: 03/15/23

Benzene	4.99	0.0250	5.00		99.7	70-130			
Ethylbenzene	4.75	0.0250	5.00		95.0	70-130			
Toluene	5.03	0.0250	5.00		101	70-130			
o-Xylene	5.02	0.0250	5.00		100	70-130			
p,m-Xylene	9.47	0.0500	10.0		94.7	70-130			
Total Xylenes	14.5	0.0250	15.0		96.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.45		8.00		106	70-130			

#### Matrix Spike (2310055-MS1)

Source: E303035-02

Prepared: 03/09/23 Analyzed: 03/15/23

Benzene	4.94	0.0250	5.00	ND	98.8	54-133			
Ethylbenzene	5.01	0.0250	5.00	ND	100	61-133			
Toluene	5.14	0.0250	5.00	ND	103	61-130			
o-Xylene	5.20	0.0250	5.00	ND	104	63-131			
p,m-Xylene	10.2	0.0500	10.0	ND	102	63-131			
Total Xylenes	15.4	0.0250	15.0	ND	102	63-131			
Surrogate: 4-Bromochlorobenzene-PID	8.36		8.00		104	70-130			

#### Matrix Spike Dup (2310055-MSD1)

Source: E303035-02

Prepared: 03/09/23 Analyzed: 03/15/23

Benzene	4.40	0.0250	5.00	ND	87.9	54-133	11.6	20	
Ethylbenzene	4.49	0.0250	5.00	ND	89.7	61-133	11.0	20	
Toluene	4.59	0.0250	5.00	ND	91.7	61-130	11.4	20	
o-Xylene	4.67	0.0250	5.00	ND	93.3	63-131	10.9	20	
p,m-Xylene	9.13	0.0500	10.0	ND	91.3	63-131	10.6	20	
Total Xylenes	13.8	0.0250	15.0	ND	92.0	63-131	10.7	20	
Surrogate: 4-Bromochlorobenzene-PID	8.41		8.00		105	70-130			



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 CTB 2 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 3/17/2023 2:27:22PM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

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

**Blank (2310054-BLK1)**

Prepared: 03/09/23 Analyzed: 03/16/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.518		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.604		0.500		121	70-130			
Surrogate: Toluene-d8	0.500		0.500		99.9	70-130			

**LCS (2310054-BS2)**

Prepared: 03/09/23 Analyzed: 03/16/23

Gasoline Range Organics (C6-C10)	52.4	20.0	50.0		105	70-130			
Surrogate: Bromofluorobenzene	0.517		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.579		0.500		116	70-130			
Surrogate: Toluene-d8	0.511		0.500		102	70-130			

**Matrix Spike (2310054-MS2)**

Source: E303034-01

Prepared: 03/09/23 Analyzed: 03/16/23

Gasoline Range Organics (C6-C10)	49.1	20.0	50.0	ND	98.2	70-130			
Surrogate: Bromofluorobenzene	0.519		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.592		0.500		118	70-130			
Surrogate: Toluene-d8	0.516		0.500		103	70-130			

**Matrix Spike Dup (2310054-MSD2)**

Source: E303034-01

Prepared: 03/09/23 Analyzed: 03/16/23

Gasoline Range Organics (C6-C10)	47.1	20.0	50.0	ND	94.1	70-130	4.23	20	
Surrogate: Bromofluorobenzene	0.526		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.572		0.500		114	70-130			
Surrogate: Toluene-d8	0.513		0.500		103	70-130			



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 CTB 2 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 3/17/2023 2:27:22PM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2310055-BLK1)**

Prepared: 03/09/23 Analyzed: 03/15/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.77		8.00		84.7	70-130			

**LCS (2310055-BS2)**

Prepared: 03/09/23 Analyzed: 03/15/23

Gasoline Range Organics (C6-C10)	47.7	20.0	50.0		95.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.87		8.00		85.9	70-130			

**Matrix Spike (2310055-MS2)**

Source: E303035-02

Prepared: 03/09/23 Analyzed: 03/15/23

Gasoline Range Organics (C6-C10)	44.5	20.0	50.0	ND	88.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.93		8.00		86.6	70-130			

**Matrix Spike Dup (2310055-MSD2)**

Source: E303035-02

Prepared: 03/09/23 Analyzed: 03/15/23

Gasoline Range Organics (C6-C10)	41.1	20.0	50.0	ND	82.2	70-130	7.89	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.94		8.00		86.8	70-130			



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 CTB 2 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 3/17/2023 2:27:22PM
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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 (2311010-BLK1)**

Prepared: 03/13/23 Analyzed: 03/13/23

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	38.8		50.0		77.5	50-200			

**LCS (2311010-BS1)**

Prepared: 03/13/23 Analyzed: 03/13/23

Diesel Range Organics (C10-C28)	222	25.0	250		88.9	38-132			
Surrogate: <i>n</i> -Nonane	43.0		50.0		85.9	50-200			

**Matrix Spike (2311010-MS1)**

Source: E303034-16

Prepared: 03/13/23 Analyzed: 03/13/23

Diesel Range Organics (C10-C28)	219	25.0	250	ND	87.5	38-132			
Surrogate: <i>n</i> -Nonane	41.0		50.0		82.0	50-200			

**Matrix Spike Dup (2311010-MSD1)**

Source: E303034-16

Prepared: 03/13/23 Analyzed: 03/13/23

Diesel Range Organics (C10-C28)	228	25.0	250	ND	91.1	38-132	4.10	20	
Surrogate: <i>n</i> -Nonane	43.0		50.0		85.9	50-200			



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 CTB 2 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 3/17/2023 2:27:22PM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2311011-BLK1)**

Prepared: 03/13/23 Analyzed: 03/13/23

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	50.0		50.0		99.9	50-200			

**LCS (2311011-BS1)**

Prepared: 03/13/23 Analyzed: 03/13/23

Diesel Range Organics (C10-C28)	249	25.0	250		99.7	38-132			
Surrogate: <i>n</i> -Nonane	49.3		50.0		98.5	50-200			

**Matrix Spike (2311011-MS1)**

Source: E303035-05

Prepared: 03/13/23 Analyzed: 03/14/23

Diesel Range Organics (C10-C28)	261	25.0	250	ND	104	38-132			
Surrogate: <i>n</i> -Nonane	47.8		50.0		95.6	50-200			

**Matrix Spike Dup (2311011-MSD1)**

Source: E303035-05

Prepared: 03/13/23 Analyzed: 03/14/23

Diesel Range Organics (C10-C28)	257	25.0	250	ND	103	38-132	1.24	20	
Surrogate: <i>n</i> -Nonane	47.0		50.0		94.0	50-200			





### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 CTB 2 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 3/17/2023 2:27:22PM
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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 (2310056-BLK1)**

Prepared: 03/10/23 Analyzed: 03/10/23

Chloride ND 20.0

**LCS (2310056-BS1)**

Prepared: 03/10/23 Analyzed: 03/10/23

Chloride 253 20.0 250 101 90-110

**Matrix Spike (2310056-MS1)**

Source: E303033-01

Prepared: 03/10/23 Analyzed: 03/10/23

Chloride 255 20.0 250 ND 102 80-120

**Matrix Spike Dup (2310056-MSD1)**

Source: E303033-01

Prepared: 03/10/23 Analyzed: 03/10/23

Chloride 253 20.0 250 ND 101 80-120 0.844 20



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Fighting Okra 18 CTB 2 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 3/17/2023 2:27:22PM
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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 (2310058-BLK1)**

Prepared: 03/13/23 Analyzed: 03/14/23

Chloride ND 20.0

**LCS (2310058-BS1)**

Prepared: 03/13/23 Analyzed: 03/14/23

Chloride 261 20.0 250 105 90-110

**Matrix Spike (2310058-MS1)**

Source: E303035-01

Prepared: 03/13/23 Analyzed: 03/14/23

Chloride 292 20.0 250 30.9 104 80-120

**Matrix Spike Dup (2310058-MSD1)**

Source: E303035-01

Prepared: 03/13/23 Analyzed: 03/14/23

Chloride 293 20.0 250 30.9 105 80-120 0.436 20

QC Summary Report Comment:

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



### Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 2	
PO Box 247	Project Number:	01058-0007	<b>Reported:</b>
Plains TX, 79355-0247	Project Manager:	Tom Bynum	03/17/23 14:27

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: Fighting Okra 18CTB 2  
 Project Manager: Tom Bynum  
 Address: 5614 N. Lovington Hwy.  
 City, State, Zip: Hobbs, NM, 88240  
 Phone: 580-748-1613  
 Email: tom@pimaoil.com  
 Report due by:

Bill To  
 Attention: Devon  
 Address:  
 City, State, Zip  
 Phone:  
 Email:  
 Pima Project # 1-270

Lab Use Only  
 Lab WO# F 303035 Job Number 01058-0007  
 TAT: 1D 2D 3D Standard X  
 EPA Program: CWA SDWA RCRA  
 State: NM CO UT AZ TX  
 X

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
8:00	3/8/23	S	1	S1-1'	1							X		
8:05				S1-2'	2									
8:10				S1-4'	3									
8:15				S2-1'	4									
8:20				S2-2'	5									
8:25				S2-4'	6									
8:30				S3-1'	7									
8:35				S3-2'	8									
8:40				S3-4'	9									
8:45				S4-1'	10									

Additional Instructions:

Billing #: 21126013

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) <i>[Signature]</i>	Date 3-9-23	Time 2:00	Received by: (Signature) <i>Micelle Camp</i>	Date 3-9-23	Time 1400
Relinquished by: (Signature) <i>Micelle Camp</i>	Date 3-9-23	Time 1715	Received by: (Signature) <i>Lozano Len</i>	Date 3-9-23	Time 1800
Relinquished by: (Signature) <i>Lozano Len</i>	Date 3-9-23	Time 2345	Received by: (Signature) <i>Carth Chrt</i>	Date 3/10/23	Time 8:15

Lab Use Only  
 Received on ice:  Y  N  
 T1 T2 T3  
 AVG Temp °C 4

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

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



Released to Imaging: 8/17/2023 2:09:53 PM

Received by OCD: 4/3/2023 3:30:46 PM

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Client: Pima Environmental Services  
 Project: Fighting Odra 18 CTB 2  
 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:

Attention: Devon  
 Address:  
 City, State, Zip  
 Phone:  
 Email:  
 Pima Project # 1-270

Lab Use Only		TAT				EPA Program	
Lab WO#	Job Number	1D	2D	3D	Standard	CWA	SDWA
<u>F 303035</u>	<u>01058 0007</u>				<u>X</u>		
Analysis and Method							
DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX
						State	
						NM	CO
						UT	AZ
						TX	
Remarks							

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number
8:50	3/8/23	S	1	S4-2'	11
8:55				S4-4'	12
9:00				S5-1'	13
9:05				S5-2'	14
9:10				S5-4'	15
9:15				S6-1'	16
9:20				S6-2'	17
9:25				S6-4'	18
9:30				SW1	19
9:35				SW2	20

Additional Instructions:

Billing #: 21126013

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>AS</u>	Date <u>3-9-23</u>	Time <u>2:00</u>	Received by: (Signature) <u>Micelle Gump</u>	Date <u>3-9-23</u>	Time <u>1400</u>
Relinquished by: (Signature) <u>Micelle Gump</u>	Date <u>3-9-23</u>	Time <u>1715</u>	Received by: (Signature) <u>Lorenzo Leni</u>	Date <u>3-9-23</u>	Time <u>1800</u>
Relinquished by: (Signature) <u>Lorenzo Leni</u>	Date <u>3-9-23</u>	Time <u>2345</u>	Received by: (Signature) <u>Keith Chit</u>	Date <u>3/10/23</u>	Time <u>8:15</u>

Lab Use Only
Received on ice: <u>Y</u> / N
T1 _____ T2 _____ T3 _____
AVG Temp °C <u>4</u>

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

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

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



Released to Imaging: 8/17/2023 2:09:53 PM

Received by OCD: 4/3/2023 3:30:46 PM

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Client: Pima Environmental Services	Attention: <u>DENON</u> Address: City, State, Zip Phone: Email:	Lab Use Only		TAT				EPA Program					
Project: <u>Fighting OKRA 18 CTB 2</u>		Lab WO# <u>E303035</u>	Job Number <u>01058-0007</u>	1D	2D	3D	Standard	CWA	SDWA				
Project Manager: Tom Bynum	Pima Project # <u>1-270</u>	Analysis and Method							RCRA				
Address: <u>5614 N. Lovington Hwy.</u>		DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	State			
City, State, Zip: <u>Hobbs, NM, 88240</u>									NM	CO	UT	AZ	TX
Phone: <u>580-748-1613</u>									Remarks				
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	BGDOC TX	Remarks
9:40	3/8/23	S	1	SW3	21							X		
9:45	↓	↓	↓	SW4	22									
9:50	↓	↓	↓	BG1	23									

Additional Instructions: Billing #: 21126013

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

Relinquished by: (Signature) AP Date: 3-9-23 Time: 7:00 Received by: (Signature) Micelle Cuy Date: 3-9-23 Time: 1400

Relinquished by: (Signature) Micelle Cuy Date: 3-9-23 Time: 1715 Received by: (Signature) Lorena Lei Date: 3-9-23 Time: 1800

Relinquished by: (Signature) Lorena Lei Date: 3-9-23 Time: 2345 Received by: (Signature) Carth Chit Date: 3/10/23 Time: 8:15

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

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

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.

Received on ice:  Y  N

T1: \_\_\_\_\_ T2: \_\_\_\_\_ T3: \_\_\_\_\_

AVG Temp °C: 4

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



Envirotech Analytical Laboratory

Printed: 3/10/2023 9:13:18AM

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: 03/10/23 08:15 Work Order ID: E303035
Phone: (575) 631-6977 Date Logged In: 03/09/23 15:41 Logged In By: Caitlin Christian
Email: tom@pimaoil.com Due Date: 03/16/23 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.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

Empty box for client instructions.

Comments/Resolution

Large empty box for comments/resolution.

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

Date



envirotech Inc.



Pima Environmental Services

**Appendix F**

Liner Inspection and Photographic  
Documentation



Pima Environmental Services, LLC

**Liner Inspection Form**

Company Name: Devon Energy

Site: Fighting Okra 18 CTB 2

Lat/Long: 32.024271, -103.305947

NMOCD Incident ID & Incident Date: NRM1926054913 8/23/2019

2-Day Notification Sent: via Email by Sebastian Orozco 3/23/2023

Inspection Date: 3/10/2023

Liner Type:            Earthen w/liner                      Earthen no liner                      Polystar  
                                  **Steel w/poly liner**                      Steel w/spray epoxy                      No Liner

Other: \_\_\_\_\_

Visualization	Yes	No	Comments
Is there a tear in the liner?		X	
Are there holes in the liner?		X	
Is the liner retaining any fluids?		X	
Does the liner have integrity to contain a leak?	X		

Comments: \_\_\_\_\_

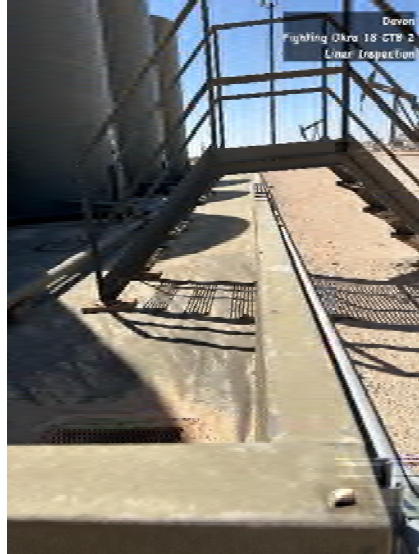
Inspector Name: Audry Benavidez            Inspector Signature: Audry Benavidez





# SITE PHOTOGRAPHS DEVON ENERGY FIGHTING OKRA 18 CTB 2

## Liner Inspection







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

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

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

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

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

CONDITIONS

Action 203582

**CONDITIONS**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 203582
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NRM1926054913 FIGHTING OKRA 18 CTB 2, thank you. This closure is approved.	8/17/2023