FIGHTING OKRA 18-19 FED 4H

7/22/2024

OCD INCIDENT # nAPP2420451000

Spill Volume(Bbls) Calculator *Inputs in blue, Outputs in red*	
Contaminated Soil measurement	
Area (square feet)	Depth(inches)
528	1.000
Cubic Feet of Soil Impacted	44.000
Barrels of Soil Impacted	7.84
Soil Type	Sand
Barrels of Oil Assuming 100% Saturation	1.57
Saturation	Fluid present with shovel/backhoe
Estimated Barrels of Oil Released	1.57
Free Standing Fluid Only	
Area (square feet)	Depth(inches)
528	1.000
Standing fluid	7.843
Total fluids spilled	**9.412**

REMEDIATION CLOSURE REPORT

Incident ID NAPP2420451000

Fighting Okra 18 19 Federal #004H

API # 30-025-44444

Prepared By:
Pima Environmental Services, LLC

Prepared For:
Devon Energy Production, LP

October 2, 2024
Pima Environmental Services, LLC
5614 N Lovington Hwy, Hobbs, NM 88240

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

Bureau of Land Management
620 E Green St.
Carlsbad, NM 88220

Re: Remediation Closure Report
Fighting Okra 18 19 Federal #004H
API No. 30-025-44444
GPS: Latitude 32.0496672 Longitude -103.5089353
UL B, Sec. 18, T26S, R34E 375 FNL 2631 FEL
Lea County, NM
NMOCD Incident ID NAPP2420451000

Devon Energy Production Company (Devon) has contracted Pima Environmental Services, LLC (Pima) to perform a spill assessment and has prepared this Closure Report for a crude oil release that occurred at the Fighting Okra 18 19 Federal #004H (Fighting Okra). This incident was assigned Incident ID NAPP2420451000 by the New Mexico Oil Conservation Division (NMOCD).

Site Characterization

The Fighting Okra is located approximately seventeen (17) miles southwest of Bennett, NM. This spill site is in Unit B, Section 18, Township 26S, Range 34E, Latitude 32.0496672 Longitude -103.5089353, Lea County, NM. Figure 1 references a Location Map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is in Interlayered eolian sands and piedmont-slope deposits along the eastern flank of the Pecos River valley, primarily between Roswell and Carlsbad. Typically capped by thin eolian deposits. The soil in this area is made up of Pyote and Maljamar fine sands, according to the United States Department of Agriculture Natural Resources Conservation Service soil survey (Appendix B). The drainage courses in this area are well-drained. There is a low potential for karst geology to be present around the Fighting Okra (Figure 3). The nearest surface water feature is Red Bluff Reservoir located approximately 18 miles to the southwest of this site. A Topographic Map can be found in Figure 4.

According to the New Mexico Office of the State Engineer water well (C-4626-POD1), the depth to the nearest groundwater in this vicinity measures 55 feet below grade surface (BGS), positioned 0.11 miles away from the Fighting Okra, drilled, June 9, 2022.
Conversely, as per the United States Geological Survey well water data (USGS320245103335901 26S.33E.10.334343), the nearest groundwater depth in this region is recorded at 124 feet BGS, situated approximately 3.67 miles away from the Fighting Okra, with the last gauge conducted in 2000.

The groundwater information from C-04626-POD1 establishes a lack of groundwater at 55’ bgs. This POD was drilled and recorded by Atkins Engineering Assoc. Inc. on June 9, 2022. The well bore was left open for the required 72-hour timeframe, then checked for saturation. No saturation or water-bearing soil was encountered, the well was then plugged on June 13, 2022. Depth to groundwater at the Fighting Okra will be classified as 51-100’ BGS. Referenced water surveys, pod information, and water-related maps can be found in Appendix A.

Table 1 NMAC and Closure Criteria 19.15.29					
Depth to Groundwater (Appendix B)	Constituent & Limits				
	Chlorides	Total TPH	GRO+DRO	BTEX	Benzene
<50'	600 mg/kg	100 mg/kg		50 mg/kg	10 mg/kg
51-100’ (C-04626-POD1)	10,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg
>100’	20,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg

Release Information

NAPP2420451000: On July 22, 2024, Drilling personnel found oil around a compressor. Oil and rainwater had filled the containment to the drain and the rainwater had oil on it. The released fluids were calculated to be approximately 9 barrels (bbls) of crude oil. A vacuum truck was called and was able to recover 9 barrels of crude oil and 21 barrels of rainwater.

Site Assessment and Soil Sampling Results

On July 29, 2024, Pima mobilized personnel to the site to collect soil samples from the spill area. A hand auger was used to collect the samples from the affected area. The laboratory results of these sampling events are provided in the following data table. A Site Map is available in Figure 4.

7-29-2024 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
DEVON ENERGY Fighting Okra 18-19 Fed #4H -NAPP2420451000								
Date: 7-29-24		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
S1	1'	ND	ND	ND	ND	81.2	81.2	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S2	1'	ND	ND	ND	ND	57.6	57.6	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S3	1'	ND	ND	ND	ND	76.1	76.1	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S4	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	194	194	ND
	3'	ND	ND	ND	ND	56.5	56.5	ND
	4'	ND	ND	ND	ND	ND	0	ND
S5	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	128	128	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
SW1	1'-4' Comp	ND	ND	ND	ND	ND	0	ND
SW2	1'-4' Comp	ND	ND	ND	ND	ND	0	ND
SW3	1'-4' Comp	ND	ND	ND	ND	ND	0	ND
SW4	1'-4' Comp	ND	ND	ND	ND	ND	0	ND
SW5	1'-4' Comp	ND	ND	ND	ND	ND	0	ND
SW6	1'-4' Comp	ND	ND	ND	ND	ND	0	ND
SW7	1'-4' Comp	ND	ND	ND	ND	ND	0	ND
SW8	1'-4' Comp	ND	ND	ND	ND	ND	0	ND
SW9	1'-4' Comp	ND	ND	ND	ND	ND	0	ND
SW10	1'-4' Comp	ND	ND	ND	ND	ND	0	ND
SW11	1'-4' Comp	ND	ND	ND	ND	ND	0	ND
BG1	1'	ND	ND	ND	ND	ND	0	ND

ND/0- Analyte Not Detected

On September 26, 2024, after submitting a 48-hour notification (Application ID: 385385, Appendix C), Pima returned to the site to collect confirmation samples from the designated assessment area, including perimeter samples. The composite samples were collected from the surface down to a depth of 2 feet using a hand auger. The results of this sampling event are summarized in the table below, and the Confirmation Sample Map is included in Figure 5.

9-26-24 Confirmation Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
DEVON ENERGY Fighting Okra 18-19 Fed #4H-NAPP2420451000								
Date: 9-26-24		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
CS1	Surface 2'	ND	ND	ND	ND	ND	ND	ND
CS2	Surface 2'	ND	ND	ND	ND	ND	ND	ND
CS3	Surface 2'	ND	ND	ND	ND	ND	ND	ND
CS4	Surface 2'	ND	ND	ND	ND	ND	ND	ND
CS5	Surface 2'	ND	ND	ND	ND	ND	ND	ND
CSW1	Surface 2' Comp	ND	ND	ND	ND	ND	ND	ND
CSW2	Surface 2' Comp	ND	ND	ND	ND	ND	ND	ND
CSW3	Surface 2' Comp	ND	ND	ND	ND	ND	ND	ND
CSW4	Surface 2' Comp	ND	ND	ND	ND	ND	ND	ND
CSW5	Surface 2' Comp	ND	ND	ND	ND	ND	ND	ND

ND- Analyte Not Detected

Remediation Closure Request

After careful review, Devon Energy requests that this remediation closure report for incident NAPP2420451000, be approved. Devon has complied with the applicable remediation closure requirements set forth in rule 19.15.29.12 NMAC.

For questions or additional information, please feel free to contact:
Devon Energy – Dale Woodall – 575-748-1838 or dale.woodall@dvn.com.
Pima Environmental – Gio Gomez – 806-782-1151 or Gio@pimaoil.com.

Respectfully,

Gio Gomez
Project Manager
Pima Environmental Services, LLC

Attachments

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

Appendices:
Appendix A – Referenced Water Surveys and Water-Related Maps
Appendix B – Soil Survey and Geologic Date, FEMA, and Wetlands Map
Appendix C – 48-Hour Sampling Notification
Appendix D – Photographic Documentation
Appendix E – Laboratory Report

Figures:

Figure 1- Location Map

Figure 2- Topographic Map

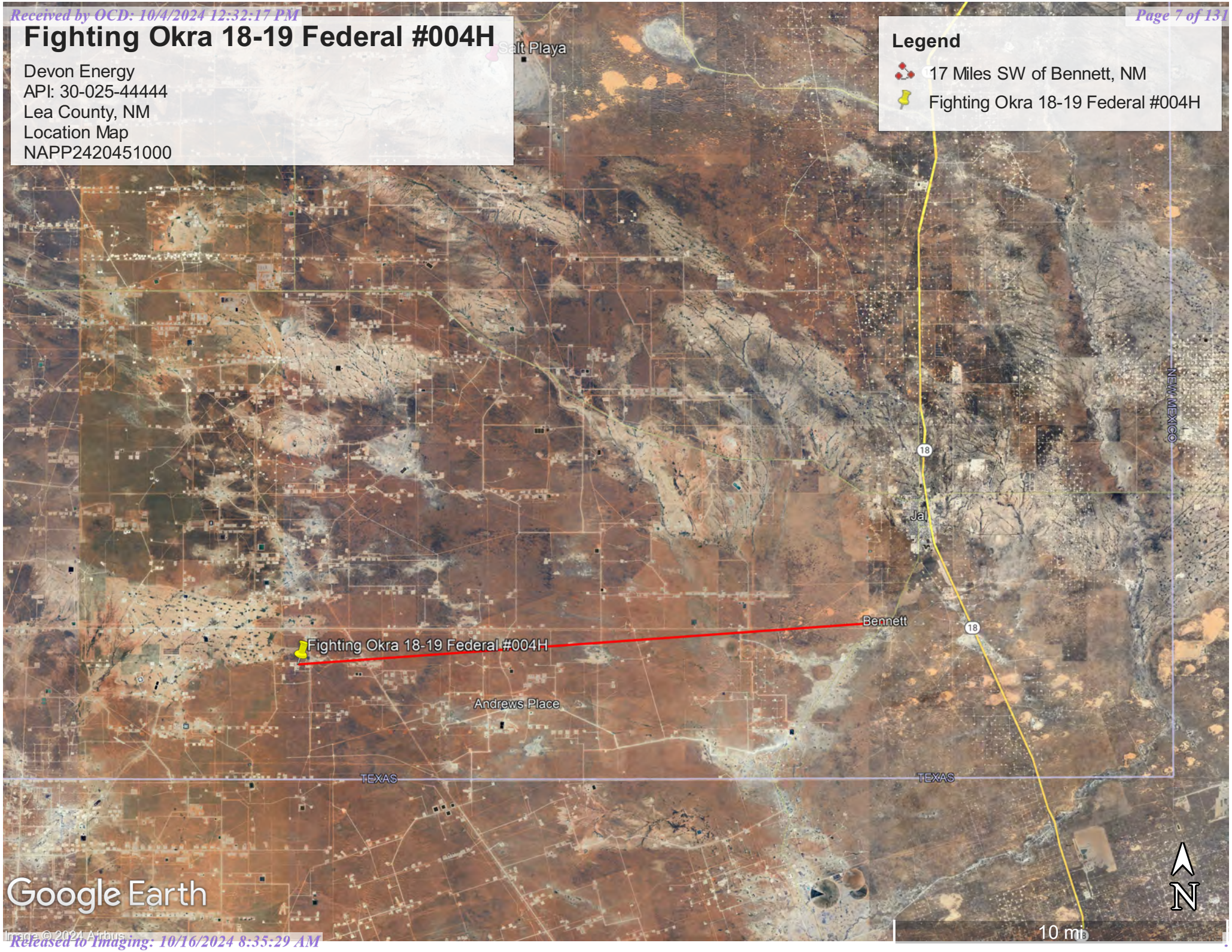
Figure 3- Karst Map

Figure 4- Site Map

Figure 5- Confirmation Sample Map

Fighting Okra 18-19 Federal #004H

Devon Energy
API: 30-025-44444
Lea County, NM
Location Map
NAPP2420451000

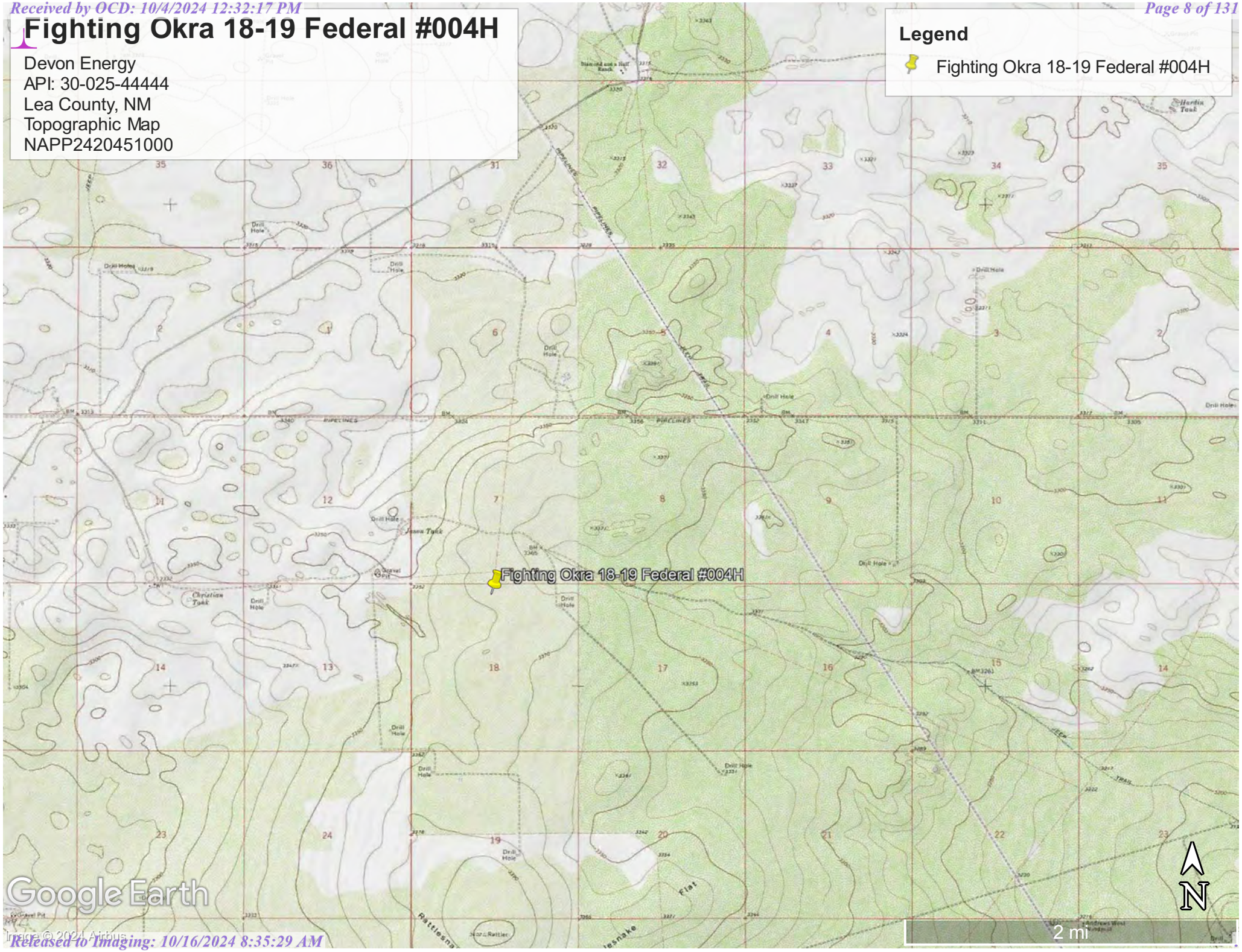


Fighting Okra 18-19 Federal #004H

Devon Energy
API: 30-025-44444
Lea County, NM
Topographic Map
NAPP2420451000

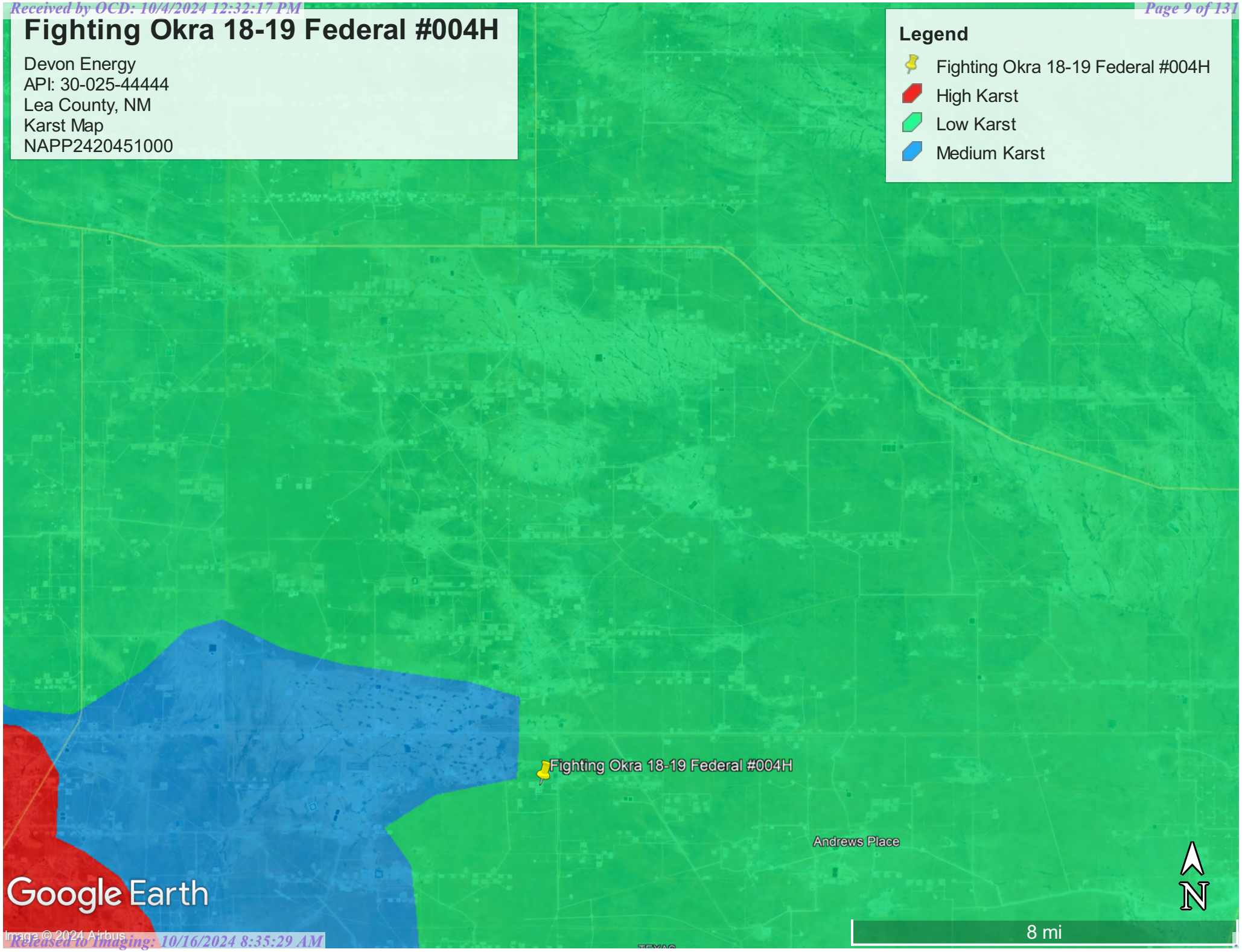
Legend

Fighting Okra 18-19 Federal #004H



Fighting Okra 18-19 Federal #004H

Devon Energy
API: 30-025-44444
Lea County, NM
Karst Map
NAPP2420451000



Fighting Okra 18 19 Federal #004H

Devon Energy
API: 30-025-44444
Lea County, NM
Site Map
NAPP2420451000

Legend

- 940 Sqft
- Sidewalls & Background
- Fighting Okra 18 19 Fed #4H
- Samples

Fighting Okra 18 19 Fed #4H

SW4
S2
SW3
SW5
SW1
SW2
S3
SW11
SW10
SW6
S4
SW9
S5
SW7
SW8
BG1

Google Earth

N

100 ft

Fightin Okra 18 19 Federal #004H

Devon Energy
API: 30-025-44444
Lea County, NM
Confirmation Sample Map
NAPP2420451000

Legend

- 1000 Sqft
- Confirmation Samples
- Confirmation Sidewalls
- Fighting Okra 18 19 Fed #4H

Appendix A

Water Surveys:

- OSE
- USGS
- Surface Water Map

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 smallest to largest)						(NAD83 UTM in meters)			
POD Number	**Code**	**Sub basin**	**County**	**Q64**	**Q16**	**Q4**	**Sec**	**Tws**	**Range**	**X**	**Y**	**Map**	**Distance**
C 04626 POD1		CUB	LE	SE	NE	NW	18	26S	34E	640644.5	3546672.6		648
C 02295		CUB	LE	NE	NE	SE	12	26S	33E	639864.9	3547624.4		1585
C 02292 POD1		CUB	LE	SE	NW	NE	06	26S	34E	640991.6	3549987.2		3125
C 03442 POD1		C	LE	SE	NW	NE	06	26S	34E	641055.8	3550028.1		3161
C 03441 POD1		C	LE	SE	NW	NE	06	26S	34E	640970.7	3550039.6		3179
C 02291		CUB	LE	NW	NW	NE	06	26S	34E	640825.0	3550140.0 *		3295
C 02293		CUB	LE	NE	NE	NW	14	26S	33E	637500.6	3546975.0		3761
C 02294		CUB	LE	SE	SE	SW	11	26S	33E	637465.4	3547003.1		3797
C 04583 POD1		CUB	LE	SW	SW	SW	15	26S	34E	644919.7	3545643.4		3859
C 04628 POD1		CUB	LE	NW	NW	NE	01	26S	33E	639120.7	3550219.3		3971
C 04836 POD1		CUB	LE	SE	SE	SE	21	26S	34E	644618.7	3543853.3		4516
C 02288		CUB	LE	SE	SE	SE	03	26S	33E	636645.9	3548758.5		4985
C 02289		CUB	LE	SE	SE	SE	03	26S	33E	636612.0	3548675.0 *		4985
C 02285 POD1		CUB	LE	NW	SE	SE	03	26S	33E	636612.9	3548855.0		5052
C 02290		CUB	LE	SE	SE	SE	03	26S	33E	636538.0	3548770.9		5090
C 02286		CUB	LE	SW	SE	SE	03	26S	33E	636469.5	3548714.8		5133
C 02316		CUB	LE	SW	SE	SW	29	25S	34E	642003.0	3551967.0 *		5147
C 02317		CUB	LE	SW	SE	SW	29	25S	34E	642003.0	3551967.0 *		5147
C 02287		C	LE	SW	SE	SE	03	26S	33E	636427.4	3548708.1		5170
C 04710 POD1		CUB	LE	SE	SE	SE	22	26S	34E	646399.7	3543956.9		5908
C 02270		CUB	LE	NW	NW	NE	27	26S	33E	636062.7	3543722.3		6078
C 03577 POD1		CUB	LE	SW	SW	SW	22	26S	33E	636010.4	3543771.8		6098

Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE
quarters are smallest to largest

NAD83 UTM in meters

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

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

Driller License:	1249	**Driller Company:**	ATKINS ENGINEERING ASSOC. INC.	
Driller Name:	JACKIE ATKINS			
Drill Start Date:	2022-06-09	**Drill Finish Date:**	2022-06-09	**Plug Date:**
Log File Date:	2022-06-16	**PCW Rcv Date:**		**Source:**
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**
Casing Size:		**Depth Well:**		**Depth Water:**

Casing Perforations:

Top	Bottom
0	55

PLUGGING RECORD

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

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: C-4626

Well owner: Devon Energy Phone No.: 575-748-1838

Mailing address: 6488 7 Rivers Hwy

City: Artesia State: New Mexico Zip code: 88210

II. WELL PLUGGING INFORMATION:

1) Name of well drilling company that plugged well: Jackie D. Atkins (Atkins Engineering Associates Inc.)

2) New Mexico Well Driller License No.: 1249 Expiration Date: 04/30/23

3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): Shane Eldridge, Cameron Pruitt

4) Date well plugging began: 6/13/2022 Date well plugging concluded: 6/13/2022

5) GPS Well Location: Latitude: 32 deg, 2 min, 51.05 sec
Longitude: 103 deg, 30 min, 37.08 sec, WGS 84

6) Depth of well confirmed at initiation of plugging as: 55 ft below ground level (bgl), by the following manner: water level probe

7) Static water level measured at initiation of plugging: n/a ft bgl

8) Date well plugging plan of operations was approved by the State Engineer: 5/26/2022

9) Were all plugging activities consistent with an approved plugging plan? Yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

OSE DIT JUN 16 2022 PM3:10

Version: September 8, 2009
Page 1 of 2

10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

For each interval plugged, describe within the following columns:

Depth (ft bgl)	Plugging Material Used (include any additives used)	Volume of Material Placed (gallons)	Theoretical Volume of Borehole/ Casing (gallons)	Placement Method (tremie pipe, other)	Comments ("casing perforated first", "open annular space also plugged", etc.)
	0-10' Hydrated Bentonite	Approx. 15 gallons	15 gallons	Augers	
	10'-55' Drill Cuttings	Approx. 71 gallons	71 gallons	Boring	

OSE DIT JUN 16 2022 PM 3:10

MULTIPLY		BY		AND OBTAIN
cubic feet	x	7.4805	=	gallons
cubic yards	x	201.97	=	gallons

III. SIGNATURE:

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

Jack Atkins — Signature of Well Driller

6/16/2022 — Date

Version: September 8, 2009
Page 2 of 2

WR-20 Well Record and Log_2022-01-28-forsig n

Final Audit Report 2022-06-16

Created:	2022-06-16
By:	Lucas Middleton (lucas@atkinseng.com)
Status:	Signed
Transaction ID:	CBJCHBCAABAApAW-UlYlfY0UGS_bPI8pUqTmmpvFzPqz

"WR-20 Well Record and Log_2022-01-28-forsign" History

Document created by Lucas Middleton (lucas@atkinseng.com)
2022-06-16 - 5:02:48 PM GMT- IP address: 24.49.110.136

Document emailed to Jack Atkins (jack@atkinseng.com) for signature
2022-06-16 - 5:03:41 PM GMT

Email viewed by Jack Atkins (jack@atkinseng.com)
2022-06-16 - 5:05:11 PM GMT- IP address: 64.90.153.232

Document e-signed by Jack Atkins (jack@atkinseng.com)
Signature Date: 2022-06-16 - 5:05:53 PM GMT - Time Source: server- IP address: 64.90.153.232

Agreement completed.
2022-06-16 - 5:05:53 PM GMT

OSE DII JUN 16 2022 PM3:10

Adobe Acrobat Sign

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
POD 1 (TW-1)	N/A	C-4626

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Devon Energy	575-748-1838

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
6488 7 Rivers Hwy	Artesia	NM	88210

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	2	51.06	N
	LONGITUDE	103	30	37.08	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE

SE NE NW Sec.18 T26S R34S NMPM

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
1249	Jackie D. Atkins	Atkins Engineering Associates, Inc.

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
6/9/2022	6/9/2022	Temporary Well	±55	N/A

COMPLETED WELL IS: ☐ ARTESIAN ☑ DRY HOLE ☐ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): N/A

DATE STATIC MEASURED: 6/13/2022

DRILLING FLUID: ☐ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☐ ROTARY ☐ HAMMER ☐ CABLE TOOL ☑ OTHER – SPECIFY: Hollow Stem Auger

CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
0	55	±6.5	Boring-HSA	--	--	--	--

OSE DII JUN 16 2022 PM3:10

3. ANNULAR MATERIAL

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

FOR OSE INTERNAL USE

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

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

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
0	4	4	Sand, Fine-grained, poorly graded, 2.5 YR 3/6, Dark Red	Y ✓ N	
4	9	5	Caliche, with Fine-grained sand, 7.5 YR 7/4, Pink	Y ✓ N	
9	14	5	Caliche, well consolidated, 7.5 YR 7/4, Pink	Y ✓ N	
14	39	25	Sand, Fine-grained, poorly graded, with Caliche, 7.5 YR 7/6, Reddish Yellow	Y ✓ N	
39	55	16	Sand, Fine-grained, poorly graded, with Caliche, 7.5 YR 75/6, Brown	Y ✓ N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm): 0.00

5. TEST; RIG SUPERVISION

WELL TEST: TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

MISCELLANEOUS INFORMATION: Temporary well material removed and soil boring backfilled using drill cuttings from total depth to ten feet below ground surface(bgs), then hydrated bentonite chips ten feet bgs to surface.
28
Fighting Okra 18 CTB 4

OSE DII JUN 16 2022 PM3:10

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

Shane Eldridge, Cameron Pruitt

6. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:

Jack Atkins — Jackie D. Atkins — 6/16/2022

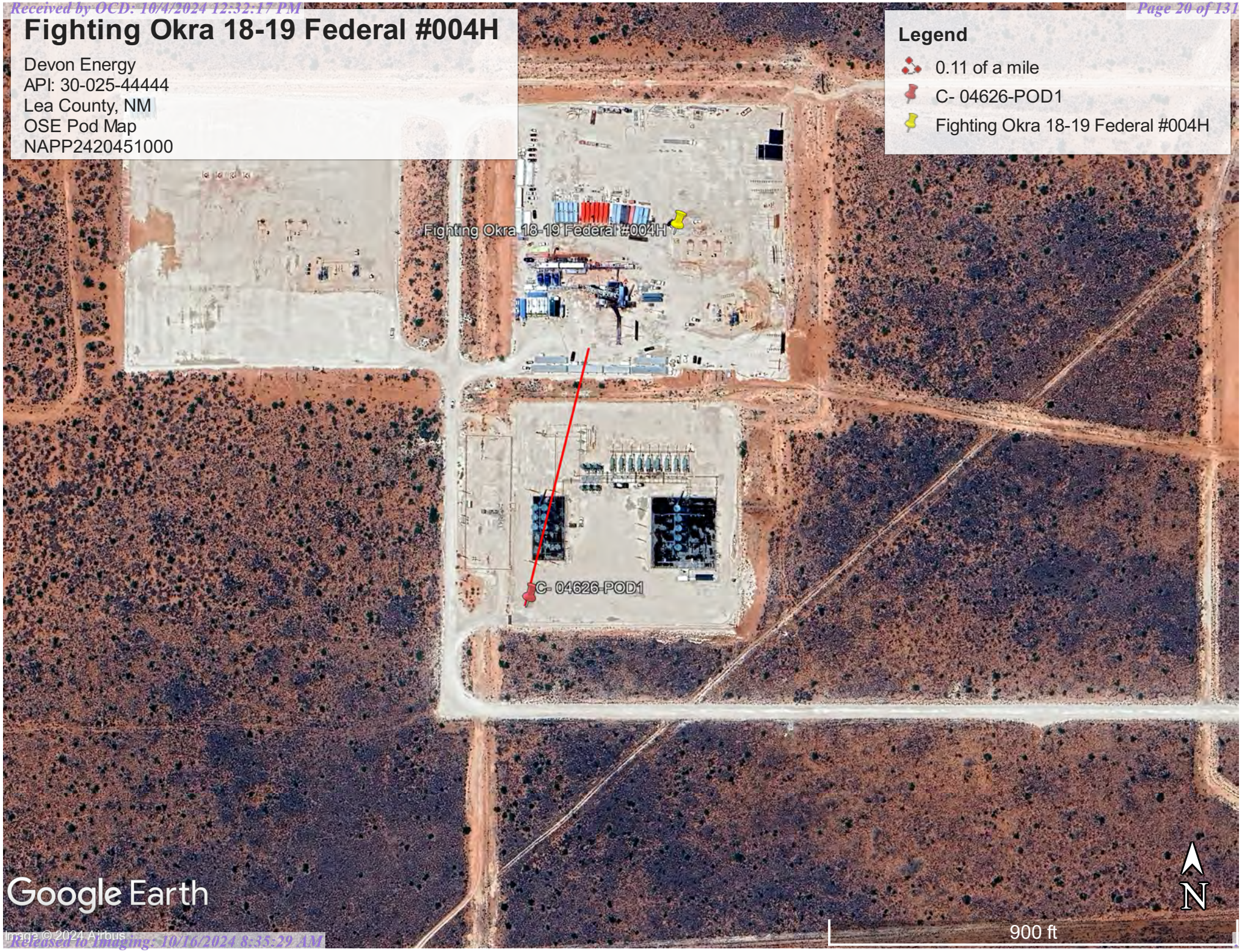
SIGNATURE OF DRILLER / PRINT SIGNEE NAME — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 01/28/2022)

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

Fighting Okra 18-19 Federal #004H

Devon Energy
API: 30-025-44444
Lea County, NM
OSE Pod Map
NAPP2420451000



National Water Information System: Web Interface

USGS Water Resources

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

Click to hideNews Bulletins

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

Groundwater levels for the Nation

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

site_no list =

- 320245103335901

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

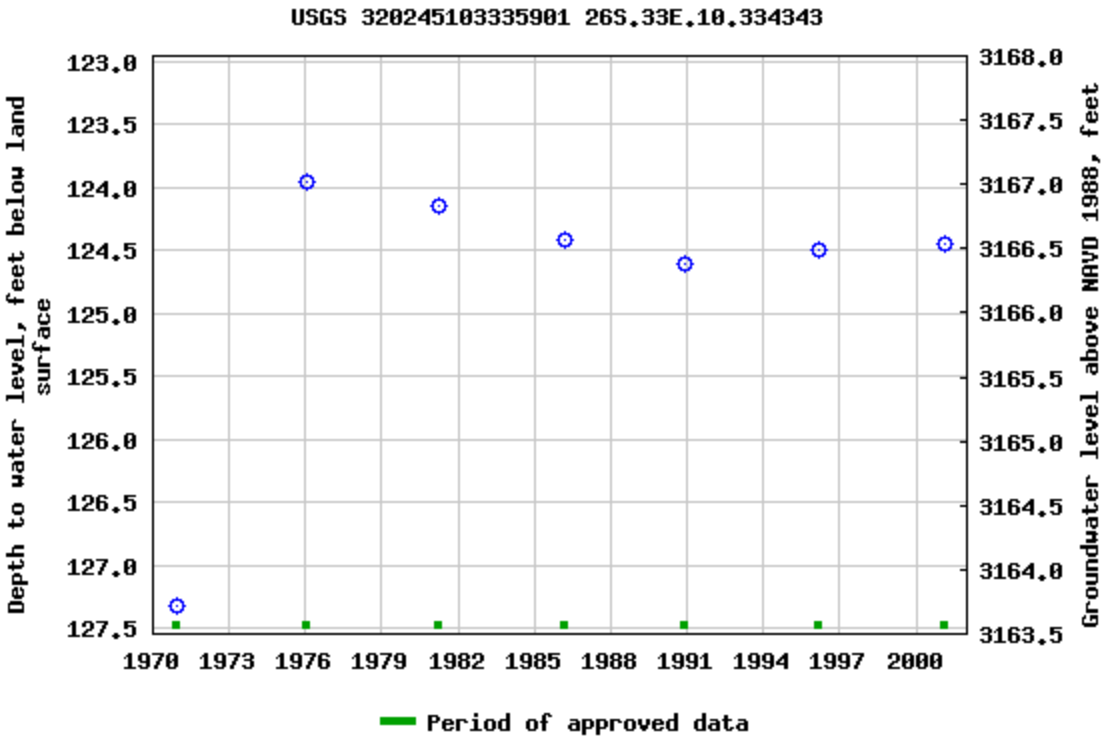
USGS 320245103335901 26S.33E.10.334343

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

Lea County, New Mexico
Hydrologic Unit Code 13070001
Latitude 32°02'45", Longitude 103°33'59" NAD27
Land-surface elevation 3,291 feet above NAVD88
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

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



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

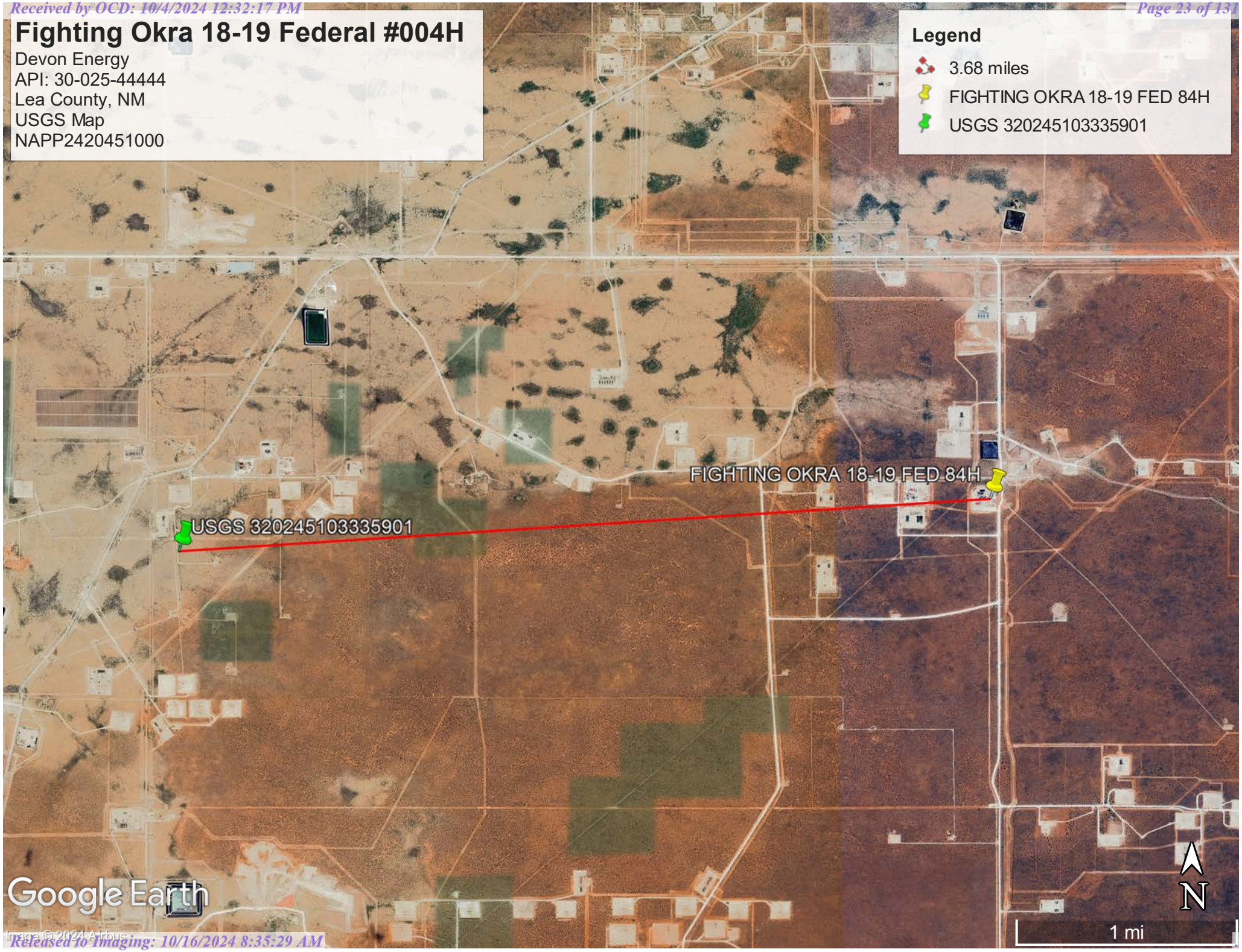
Questions or Comments
Help
Data Tips
Explanation of terms
Subscribe for system changes

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

Page Contact Information: USGS Water Data Support Team
Page Last Modified: 2024-07-31 11:45:11 EDT
0.62 0.52 nadww01

Fighting Okra 18-19 Federal #004H

Devon Energy
API: 30-025-44444
Lea County, NM
USGS Map
NAPP2420451000

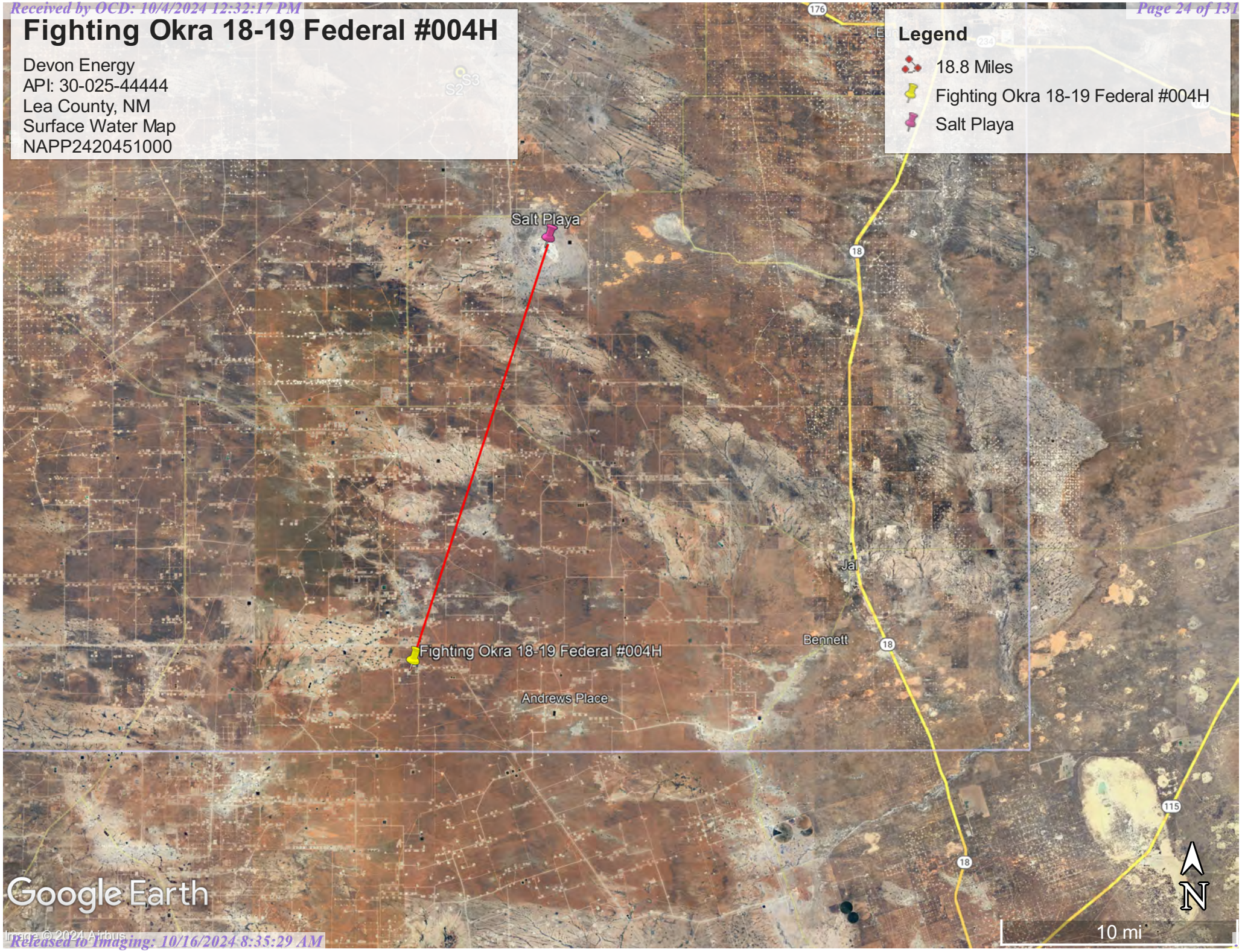


Fighting Okra 18-19 Federal #004H

Devon Energy
API: 30-025-44444
Lea County, NM
Surface Water Map
NAPP2420451000

Legend

- 18.8 Miles
- Fighting Okra 18-19 Federal #004H
- Salt Playa



Appendix B

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

Lea County, New Mexico

PU—Pyote and Maljamar fine sands

Map Unit Setting

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

Map Unit Composition

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

Description of Pyote

Setting

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

Typical profile

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

Properties and qualities

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

Interpretive groups

Land capability classification (irrigated): 6e

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

Description of Maljamar

Setting

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

Typical profile

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

Properties and qualities

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

Interpretive groups

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

Minor Components

Kermit

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

Hydric soil rating: No

Data Source Information

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

Soil Map—Lea County, New Mexico

Map Scale: 1:1,210 if printed on A portrait (8.5" x 11") sheet.

N

Meters: 0 15 30 60 90

Feet: 0 50 100 200 300

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

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

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

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

Water Features
- Streams and Canals

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

Background
- Aerial Photography

MAP INFORMATION

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

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

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

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

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

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

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

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

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

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

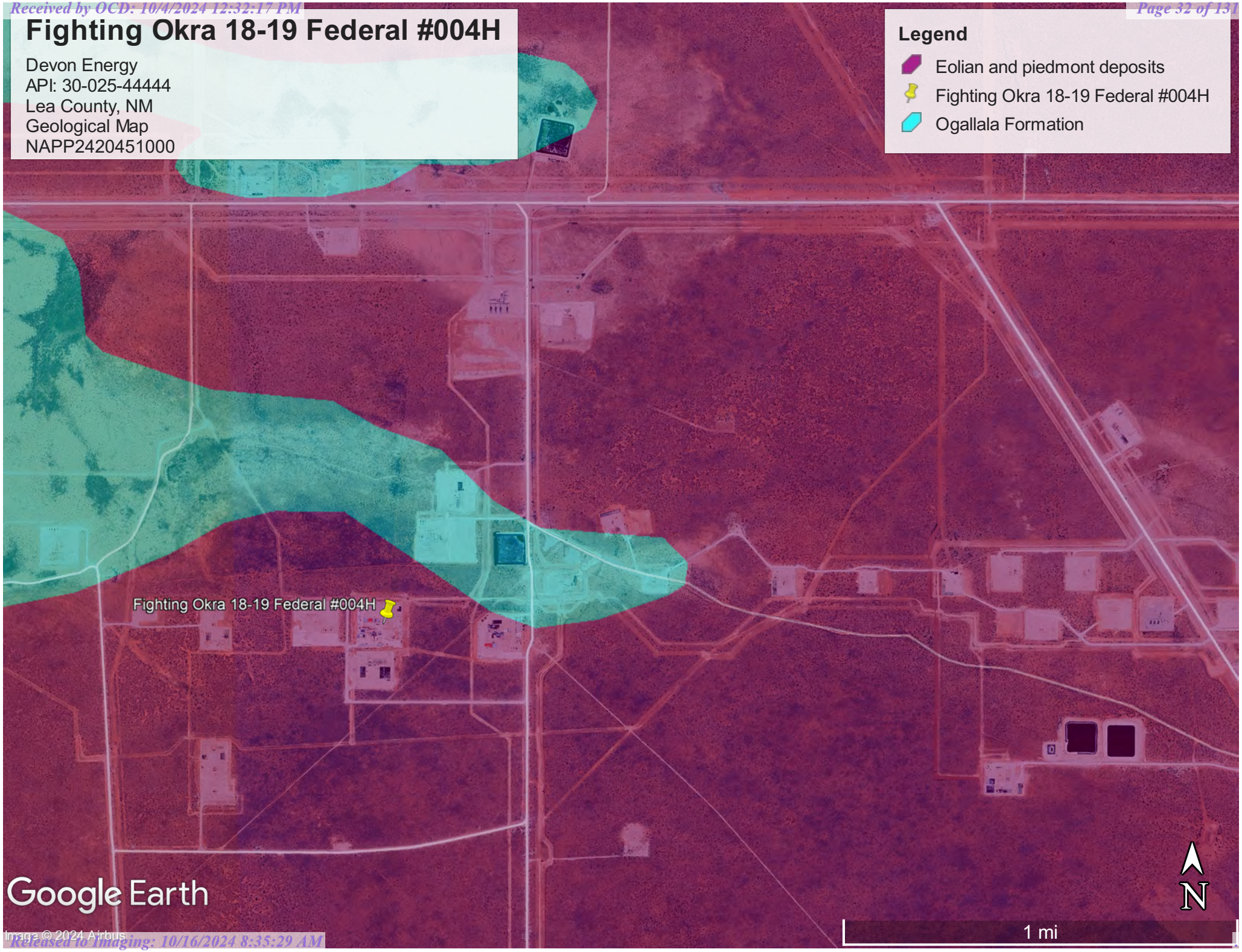
The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BH	Berino-Cacique association, hummocky	0.6	9.0%
PU	Pyote and Maljamar fine sands	6.1	91.0%
Totals for Area of Interest		**6.8**	**100.0%**

Fighting Okra 18-19 Federal #004H

Devon Energy
API: 30-025-44444
Lea County, NM
Geological Map
NAPP2420451000



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

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

Eolian and piedmont deposits

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

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

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

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

National Flood Hazard Layer FIRMette

FEMA

103°30'51"W 32°3'14"N

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

1:6,000

103°30'13"W 32°2'44"N

Basemap Imagery Source: USGS National Map 2023

Legend

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

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

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

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

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

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

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

N

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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 8/7/2024 at 4:07 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

U.S. Fish and Wildlife Service
National Wetlands Inventory

Wetlands Map

August 7, 2024

Wetlands

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

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

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

Appendix C

- 48-Hour Notification

Gmail

Gio PimaOil <gio@pimaoil.com>

FW: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 385385

2 messages

Woodall, Dale <Dale.Woodall@dvn.com> Fri, Sep 20, 2024 at 11:00 AM
To: Gio PimaOil <gio@pimaoil.com>

Dale Woodall

Environmental Professional

Hobbs, NM

Office: 575-748-1838

Mobile: 405-318-4697

Dale.Woodall@dvn.com

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Friday, September 20, 2024 10:57 AM
To: Woodall, Dale <Dale.Woodall@dvn.com>
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 385385

To whom it may concern (c/o Dale Woodall for DEVON ENERGY PRODUCTION COMPANY, LP),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2420451000.

The sampling event is expected to take place:

When: 09/25/2024 @ 08:00
Where: B-18-26S-34E 375 FNL 2631 FEL (32.0496672,-103.5089353)

Additional Information: Andrew Franco -806-200-0054

Additional Instructions: Directions -From the intersection of NM 128 and County Rd 2 (Battle Axe Rd), Travel southwest on County Rd 2 for 11. 56 miles, turn East on Anthony Rd for 2.57 miles, turn south on lease Rd for 1.26 miles, turn east on Lease Rd for 0.46 of a mile, turn North on lease Rd for 0.14 of a mile, arriving at the location on the right.

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

Appendix D

- Photographic Documentation

Pima Environmental Services, LLC.

PHOTOGRAPHIC DOCUMENTATION SITE

NAME: Fighting Okra 18-19 Federal #004H

Assesment:

Site Information Sign

Photo taken during assessment, taken facing Northeast.

Photo taken during assessment, taken facing Northwest.

Photo taken during assessment, taken facing Southwest.

Photo taken during assessment, taken facing Southwest.

Photo taken during assessment, taken facing Northeast.

Photo taken during assessment, taken facing Northeast.

Photo taken during assessment, taken facing Northwest.

Photo taken during assessment, taken facing Northeast.

Photo taken during assessment, taken facing Northeast.

Photo taken during assessment, taken facing Southeast.

Pima Environmental Services, LLC.

PHOTOGRAPHIC DOCUMENTATION SITE

NAME: Fighting Okra 18-19 Federal #004H

Confirmation Sampling:

Photo taken during confirmation sampling, taken facing Southeast.

Photo taken during confirmation sampling, taken facing Northwest.

Photo taken during confirmation sampling, taken facing Northeast.

Photo taken during confirmation sampling, taken facing Northeast.

Photo taken during confirmation sampling, taken facing Northwest.

Appendix E

- Laboratory Reports

Report to:

Gio Gomez

5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Fighting Okra 18-19 Fed #4H
Work Order:	E407258
Job Number:	01058-0007
Received:	8/1/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/6/24

Date Reported: 8/6/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247

Project Name: Fighting Okra 18-19 Fed #4H
Workorder: E407258
Date Received: 8/1/2024 8:30:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/1/2024 8:30:00AM, under the Project Name: Fighting Okra 18-19 Fed #4H.

The analytical test results summarized in this report with the Project Name: Fighting Okra 18-19 Fed #4H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

Field Offices:

Southern New Mexico Area

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

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

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Table of Contents (continued)

Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed #4H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	08/06/24 07:49

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1-1'	E407258-01A	Soil	07/29/24	08/01/24	Glass Jar, 2 oz.
S1-2'	E407258-02A	Soil	07/29/24	08/01/24	Glass Jar, 2 oz.
S1-3'	E407258-03A	Soil	07/29/24	08/01/24	Glass Jar, 2 oz.
S1-4'	E407258-04A	Soil	07/29/24	08/01/24	Glass Jar, 2 oz.
S2-1'	E407258-05A	Soil	07/29/24	08/01/24	Glass Jar, 2 oz.
S2-2'	E407258-06A	Soil	07/29/24	08/01/24	Glass Jar, 2 oz.
S2-3'	E407258-07A	Soil	07/29/24	08/01/24	Glass Jar, 2 oz.
S2-4'	E407258-08A	Soil	07/29/24	08/01/24	Glass Jar, 2 oz.
S3-1'	E407258-09A	Soil	07/29/24	08/01/24	Glass Jar, 2 oz.
S3-2'	E407258-10A	Soil	07/29/24	08/01/24	Glass Jar, 2 oz.
S3-3'	E407258-11A	Soil	07/29/24	08/01/24	Glass Jar, 2 oz.
S3-4'	E407258-12A	Soil	07/29/24	08/01/24	Glass Jar, 2 oz.
S4-1'	E407258-13A	Soil	07/29/24	08/01/24	Glass Jar, 2 oz.
S4-2'	E407258-14A	Soil	07/29/24	08/01/24	Glass Jar, 2 oz.
S4-3'	E407258-15A	Soil	07/29/24	08/01/24	Glass Jar, 2 oz.
S4-4'	E407258-16A	Soil	07/29/24	08/01/24	Glass Jar, 2 oz.
S5-1'	E407258-17A	Soil	07/29/24	08/01/24	Glass Jar, 2 oz.
S5-2'	E407258-18A	Soil	07/29/24	08/01/24	Glass Jar, 2 oz.
S5-3'	E407258-19A	Soil	07/29/24	08/01/24	Glass Jar, 2 oz.
S5-4'	E407258-20A	Soil	07/29/24	08/01/24	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed #4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/6/2024 7:49:38AM

S1-1'

E407258-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: CG			Batch: 2431104
Benzene	ND	0.0250	1	08/01/24	08/02/24	
Ethylbenzene	ND	0.0250	1	08/01/24	08/02/24	
Toluene	ND	0.0250	1	08/01/24	08/02/24	
o-Xylene	ND	0.0250	1	08/01/24	08/02/24	
p,m-Xylene	ND	0.0500	1	08/01/24	08/02/24	
Total Xylenes	ND	0.0250	1	08/01/24	08/02/24	
Surrogate: 4-Bromochlorobenzene-PID		*99.3 %*	*70-130*	*08/01/24*	*08/02/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG			Batch: 2431104
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/24	08/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.0 %*	*70-130*	*08/01/24*	*08/02/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2431099
Diesel Range Organics (C10-C28)	ND	25.0	1	08/01/24	08/01/24	
Oil Range Organics (C28-C36)	**81.2**	50.0	1	08/01/24	08/01/24	
Surrogate: n-Nonane		*109 %*	*50-200*	*08/01/24*	*08/01/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2431105
Chloride	ND	20.0	1	08/01/24	08/01/24	

envirotech Inc.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed #4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/6/2024 7:49:38AM

S1-2'

E407258-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: CG			Batch: 2431104
Benzene	ND	0.0250	1	08/01/24	08/02/24	
Ethylbenzene	ND	0.0250	1	08/01/24	08/02/24	
Toluene	ND	0.0250	1	08/01/24	08/02/24	
o-Xylene	ND	0.0250	1	08/01/24	08/02/24	
p,m-Xylene	ND	0.0500	1	08/01/24	08/02/24	
Total Xylenes	ND	0.0250	1	08/01/24	08/02/24	
Surrogate: 4-Bromochlorobenzene-PID		*98.2 %*	*70-130*	*08/01/24*	*08/02/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG			Batch: 2431104
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/24	08/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.3 %*	*70-130*	*08/01/24*	*08/02/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2431099
Diesel Range Organics (C10-C28)	ND	25.0	1	08/01/24	08/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/01/24	08/01/24	
Surrogate: n-Nonane		*99.6 %*	*50-200*	*08/01/24*	*08/01/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2431105
Chloride	ND	20.0	1	08/01/24	08/01/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed #4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/6/2024 7:49:38AM

S1-3'

E407258-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: CG			Batch: 2431104
Benzene	ND	0.0250	1	08/01/24	08/02/24	
Ethylbenzene	ND	0.0250	1	08/01/24	08/02/24	
Toluene	ND	0.0250	1	08/01/24	08/02/24	
o-Xylene	ND	0.0250	1	08/01/24	08/02/24	
p,m-Xylene	ND	0.0500	1	08/01/24	08/02/24	
Total Xylenes	ND	0.0250	1	08/01/24	08/02/24	
Surrogate: 4-Bromochlorobenzene-PID		*98.7 %*	*70-130*	*08/01/24*	*08/02/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG			Batch: 2431104
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/24	08/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.6 %*	*70-130*	*08/01/24*	*08/02/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2431099
Diesel Range Organics (C10-C28)	ND	25.0	1	08/01/24	08/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/01/24	08/01/24	
Surrogate: n-Nonane		*96.6 %*	*50-200*	*08/01/24*	*08/01/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2431105
Chloride	ND	20.0	1	08/01/24	08/01/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed #4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/6/2024 7:49:38AM

S1-4'

E407258-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: CG			Batch: 2431104
Benzene	ND	0.0250	1	08/01/24	08/02/24	
Ethylbenzene	ND	0.0250	1	08/01/24	08/02/24	
Toluene	ND	0.0250	1	08/01/24	08/02/24	
o-Xylene	ND	0.0250	1	08/01/24	08/02/24	
p,m-Xylene	ND	0.0500	1	08/01/24	08/02/24	
Total Xylenes	ND	0.0250	1	08/01/24	08/02/24	
Surrogate: 4-Bromochlorobenzene-PID		*99.3 %*	*70-130*	*08/01/24*	*08/02/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG			Batch: 2431104
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/24	08/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.2 %*	*70-130*	*08/01/24*	*08/02/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2431099
Diesel Range Organics (C10-C28)	ND	25.0	1	08/01/24	08/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/01/24	08/01/24	
Surrogate: n-Nonane		*91.4 %*	*50-200*	*08/01/24*	*08/01/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2431105
Chloride	ND	20.0	1	08/01/24	08/01/24	

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Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed #4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/6/2024 7:49:38AM

S2-1'

E407258-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: CG			Batch: 2431104
Benzene	ND	0.0250	1	08/01/24	08/02/24	
Ethylbenzene	ND	0.0250	1	08/01/24	08/02/24	
Toluene	ND	0.0250	1	08/01/24	08/02/24	
o-Xylene	ND	0.0250	1	08/01/24	08/02/24	
p,m-Xylene	ND	0.0500	1	08/01/24	08/02/24	
Total Xylenes	ND	0.0250	1	08/01/24	08/02/24	
Surrogate: 4-Bromochlorobenzene-PID		*99.2 %*	*70-130*	*08/01/24*	*08/02/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG			Batch: 2431104
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/24	08/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.3 %*	*70-130*	*08/01/24*	*08/02/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2431099
Diesel Range Organics (C10-C28)	ND	25.0	1	08/01/24	08/01/24	
Oil Range Organics (C28-C36)	**57.6**	50.0	1	08/01/24	08/01/24	
Surrogate: n-Nonane		*104 %*	*50-200*	*08/01/24*	*08/01/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2431105
Chloride	ND	20.0	1	08/01/24	08/01/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed #4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/6/2024 7:49:38AM

S2-2'

E407258-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: CG			Batch: 2431104
Benzene	ND	0.0250	1	08/01/24	08/02/24	
Ethylbenzene	ND	0.0250	1	08/01/24	08/02/24	
Toluene	ND	0.0250	1	08/01/24	08/02/24	
o-Xylene	ND	0.0250	1	08/01/24	08/02/24	
p,m-Xylene	ND	0.0500	1	08/01/24	08/02/24	
Total Xylenes	ND	0.0250	1	08/01/24	08/02/24	
Surrogate: 4-Bromochlorobenzene-PID		*98.6 %*	*70-130*	*08/01/24*	*08/02/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG			Batch: 2431104
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/24	08/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.3 %*	*70-130*	*08/01/24*	*08/02/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2431099
Diesel Range Organics (C10-C28)	ND	25.0	1	08/01/24	08/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/01/24	08/01/24	
Surrogate: n-Nonane		*96.7 %*	*50-200*	*08/01/24*	*08/01/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2431105
Chloride	ND	20.0	1	08/01/24	08/01/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed #4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/6/2024 7:49:38AM

S2-3'

E407258-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: CG			Batch: 2431104
Benzene	ND	0.0250	1	08/01/24	08/02/24	
Ethylbenzene	ND	0.0250	1	08/01/24	08/02/24	
Toluene	ND	0.0250	1	08/01/24	08/02/24	
o-Xylene	ND	0.0250	1	08/01/24	08/02/24	
p,m-Xylene	ND	0.0500	1	08/01/24	08/02/24	
Total Xylenes	ND	0.0250	1	08/01/24	08/02/24	
Surrogate: 4-Bromochlorobenzene-PID		*98.4 %*	*70-130*	*08/01/24*	*08/02/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG			Batch: 2431104
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/24	08/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.2 %*	*70-130*	*08/01/24*	*08/02/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2431099
Diesel Range Organics (C10-C28)	ND	25.0	1	08/01/24	08/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/01/24	08/01/24	
Surrogate: n-Nonane		*103 %*	*50-200*	*08/01/24*	*08/01/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2431105
Chloride	ND	20.0	1	08/01/24	08/01/24	

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Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed #4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/6/2024 7:49:38AM

S2-4'

E407258-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: CG			Batch: 2431104
Benzene	ND	0.0250	1	08/01/24	08/02/24	
Ethylbenzene	ND	0.0250	1	08/01/24	08/02/24	
Toluene	ND	0.0250	1	08/01/24	08/02/24	
o-Xylene	ND	0.0250	1	08/01/24	08/02/24	
p,m-Xylene	ND	0.0500	1	08/01/24	08/02/24	
Total Xylenes	ND	0.0250	1	08/01/24	08/02/24	
Surrogate: 4-Bromochlorobenzene-PID		*98.1 %*	*70-130*	*08/01/24*	*08/02/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG			Batch: 2431104
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/24	08/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.7 %*	*70-130*	*08/01/24*	*08/02/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2431099
Diesel Range Organics (C10-C28)	ND	25.0	1	08/01/24	08/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/01/24	08/01/24	
Surrogate: n-Nonane		*96.3 %*	*50-200*	*08/01/24*	*08/01/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2431105
Chloride	ND	20.0	1	08/01/24	08/01/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed #4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/6/2024 7:49:38AM

S3-1'

E407258-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: CG			Batch: 2431104
Benzene	ND	0.0250	1	08/01/24	08/02/24	
Ethylbenzene	ND	0.0250	1	08/01/24	08/02/24	
Toluene	ND	0.0250	1	08/01/24	08/02/24	
o-Xylene	ND	0.0250	1	08/01/24	08/02/24	
p,m-Xylene	ND	0.0500	1	08/01/24	08/02/24	
Total Xylenes	ND	0.0250	1	08/01/24	08/02/24	
Surrogate: 4-Bromochlorobenzene-PID		*99.1 %*	*70-130*	*08/01/24*	*08/02/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG			Batch: 2431104
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/24	08/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.6 %*	*70-130*	*08/01/24*	*08/02/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2431099
Diesel Range Organics (C10-C28)	ND	25.0	1	08/01/24	08/02/24	
Oil Range Organics (C28-C36)	**76.1**	50.0	1	08/01/24	08/02/24	
Surrogate: n-Nonane		*97.7 %*	*50-200*	*08/01/24*	*08/02/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2431105
Chloride	ND	20.0	1	08/01/24	08/01/24	

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Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed #4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/6/2024 7:49:38AM

S3-2'

E407258-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: CG			Batch: 2431104
Benzene	ND	0.0250	1	08/01/24	08/02/24	
Ethylbenzene	ND	0.0250	1	08/01/24	08/02/24	
Toluene	ND	0.0250	1	08/01/24	08/02/24	
o-Xylene	ND	0.0250	1	08/01/24	08/02/24	
p,m-Xylene	ND	0.0500	1	08/01/24	08/02/24	
Total Xylenes	ND	0.0250	1	08/01/24	08/02/24	
Surrogate: 4-Bromochlorobenzene-PID		*98.8 %*	*70-130*	*08/01/24*	*08/02/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG			Batch: 2431104
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/24	08/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.5 %*	*70-130*	*08/01/24*	*08/02/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2431099
Diesel Range Organics (C10-C28)	ND	25.0	1	08/01/24	08/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/01/24	08/02/24	
Surrogate: n-Nonane		*94.2 %*	*50-200*	*08/01/24*	*08/02/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2431105
Chloride	ND	20.0	1	08/01/24	08/01/24	

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Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed #4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/6/2024 7:49:38AM

S3-3'

E407258-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: CG			Batch: 2431104
Benzene	ND	0.0250	1	08/01/24	08/02/24	
Ethylbenzene	ND	0.0250	1	08/01/24	08/02/24	
Toluene	ND	0.0250	1	08/01/24	08/02/24	
o-Xylene	ND	0.0250	1	08/01/24	08/02/24	
p,m-Xylene	ND	0.0500	1	08/01/24	08/02/24	
Total Xylenes	ND	0.0250	1	08/01/24	08/02/24	
Surrogate: 4-Bromochlorobenzene-PID		*97.4 %*	*70-130*	*08/01/24*	*08/02/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG			Batch: 2431104
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/24	08/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.9 %*	*70-130*	*08/01/24*	*08/02/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2431099
Diesel Range Organics (C10-C28)	ND	25.0	1	08/01/24	08/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/01/24	08/02/24	
Surrogate: n-Nonane		*99.7 %*	*50-200*	*08/01/24*	*08/02/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2431105
Chloride	ND	20.0	1	08/01/24	08/01/24	

envirotech Inc.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed #4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/6/2024 7:49:38AM

S3-4'

E407258-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: CG			Batch: 2431104
Benzene	ND	0.0250	1	08/01/24	08/02/24	
Ethylbenzene	ND	0.0250	1	08/01/24	08/02/24	
Toluene	ND	0.0250	1	08/01/24	08/02/24	
o-Xylene	ND	0.0250	1	08/01/24	08/02/24	
p,m-Xylene	ND	0.0500	1	08/01/24	08/02/24	
Total Xylenes	ND	0.0250	1	08/01/24	08/02/24	
Surrogate: 4-Bromochlorobenzene-PID		*97.5 %*	*70-130*	*08/01/24*	*08/02/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG			Batch: 2431104
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/24	08/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.9 %*	*70-130*	*08/01/24*	*08/02/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2431099
Diesel Range Organics (C10-C28)	ND	25.0	1	08/01/24	08/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/01/24	08/02/24	
Surrogate: n-Nonane		*101 %*	*50-200*	*08/01/24*	*08/02/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2431105
Chloride	ND	20.0	1	08/01/24	08/01/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed #4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/6/2024 7:49:38AM

S4-1'

E407258-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: CG			Batch: 2431104
Benzene	ND	0.0250	1	08/01/24	08/03/24	
Ethylbenzene	ND	0.0250	1	08/01/24	08/03/24	
Toluene	ND	0.0250	1	08/01/24	08/03/24	
o-Xylene	ND	0.0250	1	08/01/24	08/03/24	
p,m-Xylene	ND	0.0500	1	08/01/24	08/03/24	
Total Xylenes	ND	0.0250	1	08/01/24	08/03/24	
Surrogate: 4-Bromochlorobenzene-PID		*97.9 %*	*70-130*	*08/01/24*	*08/03/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG			Batch: 2431104
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/24	08/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.8 %*	*70-130*	*08/01/24*	*08/03/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2431099
Diesel Range Organics (C10-C28)	ND	25.0	1	08/01/24	08/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/01/24	08/02/24	
Surrogate: n-Nonane		*104 %*	*50-200*	*08/01/24*	*08/02/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2431105
Chloride	ND	20.0	1	08/01/24	08/01/24	

envirotech Inc.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed #4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/6/2024 7:49:38AM

S4-2'

E407258-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: CG			Batch: 2431104
Benzene	ND	0.0250	1	08/01/24	08/03/24	
Ethylbenzene	ND	0.0250	1	08/01/24	08/03/24	
Toluene	ND	0.0250	1	08/01/24	08/03/24	
o-Xylene	ND	0.0250	1	08/01/24	08/03/24	
p,m-Xylene	ND	0.0500	1	08/01/24	08/03/24	
Total Xylenes	ND	0.0250	1	08/01/24	08/03/24	
Surrogate: 4-Bromochlorobenzene-PID		*97.3 %*	*70-130*	*08/01/24*	*08/03/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG			Batch: 2431104
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/24	08/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.6 %*	*70-130*	*08/01/24*	*08/03/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2431099
Diesel Range Organics (C10-C28)	ND	25.0	1	08/01/24	08/02/24	
Oil Range Organics (C28-C36)	**194**	50.0	1	08/01/24	08/02/24	
Surrogate: n-Nonane		*89.2 %*	*50-200*	*08/01/24*	*08/02/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2431105
Chloride	ND	20.0	1	08/01/24	08/01/24	

envirotech Inc.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed #4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/6/2024 7:49:38AM

S4-3'

E407258-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: CG			Batch: 2431104
Benzene	ND	0.0250	1	08/01/24	08/03/24	
Ethylbenzene	ND	0.0250	1	08/01/24	08/03/24	
Toluene	ND	0.0250	1	08/01/24	08/03/24	
o-Xylene	ND	0.0250	1	08/01/24	08/03/24	
p,m-Xylene	ND	0.0500	1	08/01/24	08/03/24	
Total Xylenes	ND	0.0250	1	08/01/24	08/03/24	
Surrogate: 4-Bromochlorobenzene-PID		*97.0 %*	*70-130*	*08/01/24*	*08/03/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG			Batch: 2431104
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/24	08/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.2 %*	*70-130*	*08/01/24*	*08/03/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2431099
Diesel Range Organics (C10-C28)	ND	25.0	1	08/01/24	08/02/24	
Oil Range Organics (C28-C36)	**56.5**	50.0	1	08/01/24	08/02/24	
Surrogate: n-Nonane		*101 %*	*50-200*	*08/01/24*	*08/02/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2431105
Chloride	ND	20.0	1	08/01/24	08/01/24	

envirotech Inc.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed #4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/6/2024 7:49:38AM

S4-4'

E407258-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: CG			Batch: 2431104
Benzene	ND	0.0250	1	08/01/24	08/03/24	
Ethylbenzene	ND	0.0250	1	08/01/24	08/03/24	
Toluene	ND	0.0250	1	08/01/24	08/03/24	
o-Xylene	ND	0.0250	1	08/01/24	08/03/24	
p,m-Xylene	ND	0.0500	1	08/01/24	08/03/24	
Total Xylenes	ND	0.0250	1	08/01/24	08/03/24	
Surrogate: 4-Bromochlorobenzene-PID		*97.0 %*	*70-130*	*08/01/24*	*08/03/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG			Batch: 2431104
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/24	08/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.4 %*	*70-130*	*08/01/24*	*08/03/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2431099
Diesel Range Organics (C10-C28)	ND	25.0	1	08/01/24	08/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/01/24	08/02/24	
Surrogate: n-Nonane		*92.8 %*	*50-200*	*08/01/24*	*08/02/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2431105
Chloride	ND	20.0	1	08/01/24	08/01/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed #4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/6/2024 7:49:38AM

S5-1'

E407258-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: CG			Batch: 2431104
Benzene	ND	0.0250	1	08/01/24	08/03/24	
Ethylbenzene	ND	0.0250	1	08/01/24	08/03/24	
Toluene	ND	0.0250	1	08/01/24	08/03/24	
o-Xylene	ND	0.0250	1	08/01/24	08/03/24	
p,m-Xylene	ND	0.0500	1	08/01/24	08/03/24	
Total Xylenes	ND	0.0250	1	08/01/24	08/03/24	
Surrogate: 4-Bromochlorobenzene-PID		*97.2 %*	*70-130*	*08/01/24*	*08/03/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG			Batch: 2431104
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/24	08/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.5 %*	*70-130*	*08/01/24*	*08/03/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2431099
Diesel Range Organics (C10-C28)	ND	25.0	1	08/01/24	08/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/01/24	08/02/24	
Surrogate: n-Nonane		*93.5 %*	*50-200*	*08/01/24*	*08/02/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2431105
Chloride	ND	20.0	1	08/01/24	08/01/24	

envirotech Inc.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed #4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/6/2024 7:49:38AM

S5-2'

E407258-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: CG			Batch: 2431104
Benzene	ND	0.0250	1	08/01/24	08/03/24	
Ethylbenzene	ND	0.0250	1	08/01/24	08/03/24	
Toluene	ND	0.0250	1	08/01/24	08/03/24	
o-Xylene	ND	0.0250	1	08/01/24	08/03/24	
p,m-Xylene	ND	0.0500	1	08/01/24	08/03/24	
Total Xylenes	ND	0.0250	1	08/01/24	08/03/24	
Surrogate: 4-Bromochlorobenzene-PID		*96.5 %*	*70-130*	*08/01/24*	*08/03/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG			Batch: 2431104
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/24	08/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.8 %*	*70-130*	*08/01/24*	*08/03/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2431099
Diesel Range Organics (C10-C28)	ND	25.0	1	08/01/24	08/02/24	
Oil Range Organics (C28-C36)	**128**	50.0	1	08/01/24	08/02/24	
Surrogate: n-Nonane		*104 %*	*50-200*	*08/01/24*	*08/02/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2431105
Chloride	ND	20.0	1	08/01/24	08/01/24	

envirotech Inc.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed #4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/6/2024 7:49:38AM

S5-3'

E407258-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: CG			Batch: 2431104
Benzene	ND	0.0250	1	08/01/24	08/03/24	
Ethylbenzene	ND	0.0250	1	08/01/24	08/03/24	
Toluene	ND	0.0250	1	08/01/24	08/03/24	
o-Xylene	ND	0.0250	1	08/01/24	08/03/24	
p,m-Xylene	ND	0.0500	1	08/01/24	08/03/24	
Total Xylenes	ND	0.0250	1	08/01/24	08/03/24	
Surrogate: 4-Bromochlorobenzene-PID		*97.2 %*	*70-130*	*08/01/24*	*08/03/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG			Batch: 2431104
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/24	08/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.7 %*	*70-130*	*08/01/24*	*08/03/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2431099
Diesel Range Organics (C10-C28)	ND	25.0	1	08/01/24	08/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/01/24	08/02/24	
Surrogate: n-Nonane		*102 %*	*50-200*	*08/01/24*	*08/02/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2431105
Chloride	ND	20.0	1	08/01/24	08/01/24	

envirotech Inc.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed #4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/6/2024 7:49:38AM

S5-4'

E407258-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: CG			Batch: 2431104
Benzene	ND	0.0250	1	08/01/24	08/03/24	
Ethylbenzene	ND	0.0250	1	08/01/24	08/03/24	
Toluene	ND	0.0250	1	08/01/24	08/03/24	
o-Xylene	ND	0.0250	1	08/01/24	08/03/24	
p,m-Xylene	ND	0.0500	1	08/01/24	08/03/24	
Total Xylenes	ND	0.0250	1	08/01/24	08/03/24	
Surrogate: 4-Bromochlorobenzene-PID		*96.6 %*	*70-130*	*08/01/24*	*08/03/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG			Batch: 2431104
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/24	08/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.9 %*	*70-130*	*08/01/24*	*08/03/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2431099
Diesel Range Organics (C10-C28)	ND	25.0	1	08/01/24	08/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/01/24	08/02/24	
Surrogate: n-Nonane		*98.1 %*	*50-200*	*08/01/24*	*08/02/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2431105
Chloride	ND	20.0	1	08/01/24	08/01/24	

envirotech Inc.

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed #4H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/6/2024 7:49:38AM

Volatile Organics by EPA 8021B

Analyst: CG

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2431104-BLK1)									Prepared: 08/01/24 Analyzed: 08/02/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.85*		*8.00*		*98.1*	*70-130*			
LCS (2431104-BS1)									Prepared: 08/01/24 Analyzed: 08/02/24
Benzene	4.90	0.0250	5.00		98.1	70-130			
Ethylbenzene	4.67	0.0250	5.00		93.3	70-130			
Toluene	4.80	0.0250	5.00		96.0	70-130			
o-Xylene	4.69	0.0250	5.00		93.9	70-130			
p,m-Xylene	9.46	0.0500	10.0		94.6	70-130			
Total Xylenes	14.2	0.0250	15.0		94.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.96*		*8.00*		*99.5*	*70-130*			
Matrix Spike (2431104-MS1)				**Source: E407258-02**					Prepared: 08/01/24 Analyzed: 08/02/24
Benzene	4.75	0.0250	5.00	ND	94.9	54-133			
Ethylbenzene	4.52	0.0250	5.00	ND	90.5	61-133			
Toluene	4.64	0.0250	5.00	ND	92.7	61-130			
o-Xylene	4.53	0.0250	5.00	ND	90.7	63-131			
p,m-Xylene	9.21	0.0500	10.0	ND	92.1	63-131			
Total Xylenes	13.7	0.0250	15.0	ND	91.6	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.99*		*8.00*		*99.9*	*70-130*			
Matrix Spike Dup (2431104-MSD1)				**Source: E407258-02**					Prepared: 08/01/24 Analyzed: 08/02/24
Benzene	5.42	0.0250	5.00	ND	108	54-133	13.3	20	
Ethylbenzene	5.14	0.0250	5.00	ND	103	61-133	12.7	20	
Toluene	5.29	0.0250	5.00	ND	106	61-130	13.1	20	
o-Xylene	5.17	0.0250	5.00	ND	103	63-131	13.0	20	
p,m-Xylene	10.4	0.0500	10.0	ND	104	63-131	12.2	20	
Total Xylenes	15.6	0.0250	15.0	ND	104	63-131	12.5	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.96*		*8.00*		*99.5*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed #4H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/6/2024 7:49:38AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: CG

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2431104-BLK1)									Prepared: 08/01/24 Analyzed: 08/02/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.28*		*8.00*		*91.0*	*70-130*			
LCS (2431104-BS2)									Prepared: 08/01/24 Analyzed: 08/02/24
Gasoline Range Organics (C6-C10)	41.4	20.0	50.0		82.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.30*		*8.00*		*91.3*	*70-130*			
Matrix Spike (2431104-MS2)				**Source: E407258-02**					Prepared: 08/01/24 Analyzed: 08/02/24
Gasoline Range Organics (C6-C10)	41.7	20.0	50.0	ND	83.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.52*		*8.00*		*94.0*	*70-130*			
Matrix Spike Dup (2431104-MSD2)				**Source: E407258-02**					Prepared: 08/01/24 Analyzed: 08/02/24
Gasoline Range Organics (C6-C10)	41.4	20.0	50.0	ND	82.7	70-130	0.740	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.53*		*8.00*		*94.1*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed #4H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/6/2024 7:49:38AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2431099-BLK1)									Prepared: 08/01/24 Analyzed: 08/01/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*54.5*		*50.0*		*109*	*50-200*			
LCS (2431099-BS1)									Prepared: 08/01/24 Analyzed: 08/01/24
Diesel Range Organics (C10-C28)	263	25.0	250		105	38-132			
Surrogate: n-Nonane	*54.6*		*50.0*		*109*	*50-200*			
Matrix Spike (2431099-MS1)				**Source: E407258-07**					Prepared: 08/01/24 Analyzed: 08/01/24
Diesel Range Organics (C10-C28)	225	25.0	250	ND	90.1	38-132			
Surrogate: n-Nonane	*44.5*		*50.0*		*89.0*	*50-200*			
Matrix Spike Dup (2431099-MSD1)				**Source: E407258-07**					Prepared: 08/01/24 Analyzed: 08/01/24
Diesel Range Organics (C10-C28)	275	25.0	250	ND	110	38-132	19.7	20	
Surrogate: n-Nonane	*51.9*		*50.0*		*104*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed #4H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/6/2024 7:49:38AM

Anions by EPA 300.0/9056A

Analyst: WF

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2431105-BLK1)									Prepared: 08/01/24 Analyzed: 08/01/24
Chloride	ND	20.0							
LCS (2431105-BS1)									Prepared: 08/01/24 Analyzed: 08/01/24
Chloride	248	20.0	250		99.4	90-110			
Matrix Spike (2431105-MS1)				**Source: E407258-04**					Prepared: 08/01/24 Analyzed: 08/01/24
Chloride	251	20.0	250	ND	100	80-120			
Matrix Spike Dup (2431105-MSD1)				**Source: E407258-04**					Prepared: 08/01/24 Analyzed: 08/01/24
Chloride	249	20.0	250	ND	99.4	80-120	0.908	20	

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

Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed #4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	08/06/24 07:49

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

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

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

Project Information | Chain of Custody | Page 1 of 4

Client: Pima Environmental Services	Bill To
Project: Fighting Okra 18-19 Fed#4H	Attention: Devon
Project Manager: Gio Gomez	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 806-782-1151	Email:
Email: gio@pimaoil.com	Pima Project # 1-212-2
Report due by:	

Lab Use Only: Lab WO# E407258 | Job Number 01058-0007

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

EPA Program: CWA | SDWA | RCRA

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

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks
8:30	7/29	S		S1-1'	1	
8:36	"	"	"	S1-2'	2	
8:42	"	"	"	S1-3'	3	
8:51	"	"	"	S1-4'	4	
9:06	"	"	"	S2-1'	5	
9:12	"	"	"	S2-2'	6	
9:16	"	"	"	S2-3'	7	
9:28	"	"	"	S2-4'	8	
9:33	"	"	"	S3-1'	9	
9:41	"	"	"	S3-2'	10	

Additional Instructions: Billing # 21377757

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Karine Adame	7/31/24	1:40	Michelle Gonzales	7-31-24	1340
Michelle Gonzales	7-31-24	1620		7.31.24	1730
	7.31.24	2400		8-1-24	0830

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

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

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

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

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Project Information | Chain of Custody | Page 2 of 4

Client: Pima Environmental Services	Bill To
Project: Fighting Okra 18-19 Fed #4H	Attention: Devon
Project Manager: Gio Gomez	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 806-782-1151	Email:
Email: gio@pimaoil.com	Pima Project # 1-212-2
Report due by:	

Lab Use Only: Lab WO# E407258 | Job Number 01058-0007

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

EPA Program: CWA | SDWA | RCRA

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

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC NM	Remarks
9:56	7/29	S		S3-3'	11	X	
10:11	"	"	"	S3-4'	12	"	
10:17	"	"	"	S4-1'	13	"	
10:23	"	"	"	S4-2'	14	"	
10:30	"	"	"	S4-3'	15	"	
10:36	"	"	"	S4-4'	16	"	
10:46	"	"	"	S5-1'	17	"	
10:49	"	"	"	S5-2'	18	"	
10:56	"	"	"	S5-3'	19	"	
11:11	"	"	"	S5-4'	20	"	

Additional Instructions: Billing # 21377757

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Karime Adame	7/31/24	1:40	Michelle Gonzales	7-31-24	1340
Michelle Gonzales	7-31-24	1620		7.31.24	1730
	7.31.24	2400		8-1-24	0830

Lab Use Only — Received on ice: (Y) N

T1 ____ T2 ____ T3 ____

AVG Temp °C 4

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

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

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

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Envirotech Analytical Laboratory

Printed: 8/1/2024 2:10:52PM

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:	08/01/24 08:30	Work Order ID:	E407258
Phone:	(575) 631-6977	Date Logged In:	07/31/24 16:38	Logged In By:	Noe Soto
Email:	gio@pimaoil.com	Due Date:	08/07/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Project Fighing Okra 18-19 Fed #4H has been separated into multiple WO due to high sample volume, the WO are E407258 & E407259. No. of containers and sampled by name is missing in COC by client.

Client Instruction

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

Date

envirotech Inc.

Report to:

Gio Gomez

5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Fighting Okra 18-19 Fed #4H
Work Order:	E407259
Job Number:	01058-0007
Received:	8/1/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/6/24

Date Reported: 8/6/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247

Project Name: Fighting Okra 18-19 Fed #4H
Workorder: E407259
Date Received: 8/1/2024 8:30:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/1/2024 8:30:00AM, under the Project Name: Fighting Okra 18-19 Fed #4H.

The analytical test results summarized in this report with the Project Name: Fighting Okra 18-19 Fed #4H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

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ljarboe@envirotech-inc.com

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Client Representative
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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed #4H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	08/06/24 11:12

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW1	E407259-01A	Soil	07/29/24	08/01/24	Glass Jar, 2 oz.
SW2	E407259-02A	Soil	07/29/24	08/01/24	Glass Jar, 2 oz.
SW3	E407259-03A	Soil	07/29/24	08/01/24	Glass Jar, 2 oz.
SW4	E407259-04A	Soil	07/29/24	08/01/24	Glass Jar, 2 oz.
SW5	E407259-05A	Soil	07/29/24	08/01/24	Glass Jar, 2 oz.
SW6	E407259-06A	Soil	07/29/24	08/01/24	Glass Jar, 2 oz.
SW7	E407259-07A	Soil	07/29/24	08/01/24	Glass Jar, 2 oz.
SW8	E407259-08A	Soil	07/29/24	08/01/24	Glass Jar, 2 oz.
SW9	E407259-09A	Soil	07/29/24	08/01/24	Glass Jar, 2 oz.
SW10	E407259-10A	Soil	07/29/24	08/01/24	Glass Jar, 2 oz.
SW11	E407259-11A	Soil	07/29/24	08/01/24	Glass Jar, 2 oz.
BG1	E407259-12A	Soil	07/29/24	08/01/24	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed #4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/6/2024 11:12:01AM

SW1

E407259-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: CG			Batch: 2431101
Benzene	ND	0.0250	1	08/01/24	08/01/24	
Ethylbenzene	ND	0.0250	1	08/01/24	08/01/24	
Toluene	ND	0.0250	1	08/01/24	08/01/24	
o-Xylene	ND	0.0250	1	08/01/24	08/01/24	
p,m-Xylene	ND	0.0500	1	08/01/24	08/01/24	
Total Xylenes	ND	0.0250	1	08/01/24	08/01/24	
Surrogate: 4-Bromochlorobenzene-PID		*98.6 %*	*70-130*	*08/01/24*	*08/01/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG			Batch: 2431101
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/24	08/01/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.4 %*	*70-130*	*08/01/24*	*08/01/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CG			Batch: 2431098
Diesel Range Organics (C10-C28)	ND	25.0	1	08/01/24	08/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/01/24	08/02/24	
Surrogate: n-Nonane		*95.1 %*	*50-200*	*08/01/24*	*08/02/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: CG			Batch: 2431112
Chloride	ND	20.0	1	08/01/24	08/02/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed #4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/6/2024 11:12:01AM

SW2

E407259-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: CG			Batch: 2431101
Benzene	ND	0.0250	1	08/01/24	08/01/24	
Ethylbenzene	ND	0.0250	1	08/01/24	08/01/24	
Toluene	ND	0.0250	1	08/01/24	08/01/24	
o-Xylene	ND	0.0250	1	08/01/24	08/01/24	
p,m-Xylene	ND	0.0500	1	08/01/24	08/01/24	
Total Xylenes	ND	0.0250	1	08/01/24	08/01/24	
Surrogate: 4-Bromochlorobenzene-PID		*97.9 %*	*70-130*	*08/01/24*	*08/01/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG			Batch: 2431101
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/24	08/01/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.7 %*	*70-130*	*08/01/24*	*08/01/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CG			Batch: 2431098
Diesel Range Organics (C10-C28)	ND	25.0	1	08/01/24	08/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/01/24	08/02/24	
Surrogate: n-Nonane		*96.9 %*	*50-200*	*08/01/24*	*08/02/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: CG			Batch: 2431112
Chloride	ND	20.0	1	08/01/24	08/02/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed #4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/6/2024 11:12:01AM

SW3

E407259-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: CG			Batch: 2431101
Benzene	ND	0.0250	1	08/01/24	08/01/24	
Ethylbenzene	ND	0.0250	1	08/01/24	08/01/24	
Toluene	ND	0.0250	1	08/01/24	08/01/24	
o-Xylene	ND	0.0250	1	08/01/24	08/01/24	
p,m-Xylene	ND	0.0500	1	08/01/24	08/01/24	
Total Xylenes	ND	0.0250	1	08/01/24	08/01/24	
Surrogate: 4-Bromochlorobenzene-PID		*97.9 %*	*70-130*	*08/01/24*	*08/01/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG			Batch: 2431101
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/24	08/01/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.3 %*	*70-130*	*08/01/24*	*08/01/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CG			Batch: 2431098
Diesel Range Organics (C10-C28)	ND	25.0	1	08/01/24	08/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/01/24	08/02/24	
Surrogate: n-Nonane		*93.7 %*	*50-200*	*08/01/24*	*08/02/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: CG			Batch: 2431112
Chloride	ND	20.0	1	08/01/24	08/01/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed #4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/6/2024 11:12:01AM

SW4

E407259-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: CG			Batch: 2431101
Benzene	ND	0.0250	1	08/01/24	08/01/24	
Ethylbenzene	ND	0.0250	1	08/01/24	08/01/24	
Toluene	ND	0.0250	1	08/01/24	08/01/24	
o-Xylene	ND	0.0250	1	08/01/24	08/01/24	
p,m-Xylene	ND	0.0500	1	08/01/24	08/01/24	
Total Xylenes	ND	0.0250	1	08/01/24	08/01/24	
Surrogate: 4-Bromochlorobenzene-PID		*97.6 %*	*70-130*	*08/01/24*	*08/01/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG			Batch: 2431101
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/24	08/01/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.8 %*	*70-130*	*08/01/24*	*08/01/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CG			Batch: 2431098
Diesel Range Organics (C10-C28)	ND	25.0	1	08/01/24	08/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/01/24	08/02/24	
Surrogate: n-Nonane		*97.1 %*	*50-200*	*08/01/24*	*08/02/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: CG			Batch: 2431112
Chloride	ND	20.0	1	08/01/24	08/02/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed #4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/6/2024 11:12:01AM

SW5

E407259-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: CG			Batch: 2431101
Benzene	ND	0.0250	1	08/01/24	08/01/24	
Ethylbenzene	ND	0.0250	1	08/01/24	08/01/24	
Toluene	ND	0.0250	1	08/01/24	08/01/24	
o-Xylene	ND	0.0250	1	08/01/24	08/01/24	
p,m-Xylene	ND	0.0500	1	08/01/24	08/01/24	
Total Xylenes	ND	0.0250	1	08/01/24	08/01/24	
Surrogate: 4-Bromochlorobenzene-PID		*96.6 %*	*70-130*	*08/01/24*	*08/01/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG			Batch: 2431101
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/24	08/01/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.1 %*	*70-130*	*08/01/24*	*08/01/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CG			Batch: 2431098
Diesel Range Organics (C10-C28)	ND	25.0	1	08/01/24	08/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/01/24	08/02/24	
Surrogate: n-Nonane		*98.9 %*	*50-200*	*08/01/24*	*08/02/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: CG			Batch: 2431112
Chloride	ND	20.0	1	08/01/24	08/02/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed #4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/6/2024 11:12:01AM

SW6

E407259-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: CG			Batch: 2431101
Benzene	ND	0.0250	1	08/01/24	08/01/24	
Ethylbenzene	ND	0.0250	1	08/01/24	08/01/24	
Toluene	ND	0.0250	1	08/01/24	08/01/24	
o-Xylene	ND	0.0250	1	08/01/24	08/01/24	
p,m-Xylene	ND	0.0500	1	08/01/24	08/01/24	
Total Xylenes	ND	0.0250	1	08/01/24	08/01/24	
Surrogate: 4-Bromochlorobenzene-PID		*96.8 %*	*70-130*	*08/01/24*	*08/01/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG			Batch: 2431101
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/24	08/01/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.4 %*	*70-130*	*08/01/24*	*08/01/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CG			Batch: 2431098
Diesel Range Organics (C10-C28)	ND	25.0	1	08/01/24	08/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/01/24	08/02/24	
Surrogate: n-Nonane		*95.9 %*	*50-200*	*08/01/24*	*08/02/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: CG			Batch: 2431112
Chloride	ND	20.0	1	08/01/24	08/02/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed #4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/6/2024 11:12:01AM

SW7

E407259-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: CG			Batch: 2431101
Benzene	ND	0.0250	1	08/01/24	08/01/24	
Ethylbenzene	ND	0.0250	1	08/01/24	08/01/24	
Toluene	ND	0.0250	1	08/01/24	08/01/24	
o-Xylene	ND	0.0250	1	08/01/24	08/01/24	
p,m-Xylene	ND	0.0500	1	08/01/24	08/01/24	
Total Xylenes	ND	0.0250	1	08/01/24	08/01/24	
Surrogate: 4-Bromochlorobenzene-PID		*97.7 %*	*70-130*	*08/01/24*	*08/01/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG			Batch: 2431101
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/24	08/01/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.7 %*	*70-130*	*08/01/24*	*08/01/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CG			Batch: 2431098
Diesel Range Organics (C10-C28)	ND	25.0	1	08/01/24	08/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/01/24	08/02/24	
Surrogate: n-Nonane		*90.8 %*	*50-200*	*08/01/24*	*08/02/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: CG			Batch: 2431112
Chloride	ND	20.0	1	08/01/24	08/02/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed #4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/6/2024 11:12:01AM

SW8

E407259-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: CG			Batch: 2431101
Benzene	ND	0.0250	1	08/01/24	08/01/24	
Ethylbenzene	ND	0.0250	1	08/01/24	08/01/24	
Toluene	ND	0.0250	1	08/01/24	08/01/24	
o-Xylene	ND	0.0250	1	08/01/24	08/01/24	
p,m-Xylene	ND	0.0500	1	08/01/24	08/01/24	
Total Xylenes	ND	0.0250	1	08/01/24	08/01/24	
Surrogate: 4-Bromochlorobenzene-PID		*96.5 %*	*70-130*	*08/01/24*	*08/01/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG			Batch: 2431101
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/24	08/01/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.2 %*	*70-130*	*08/01/24*	*08/01/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CG			Batch: 2431098
Diesel Range Organics (C10-C28)	ND	25.0	1	08/01/24	08/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/01/24	08/02/24	
Surrogate: n-Nonane		*95.8 %*	*50-200*	*08/01/24*	*08/02/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: CG			Batch: 2431112
Chloride	ND	20.0	1	08/01/24	08/02/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed #4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/6/2024 11:12:01AM

SW9

E407259-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: CG			Batch: 2431101
Benzene	ND	0.0250	1	08/01/24	08/02/24	
Ethylbenzene	ND	0.0250	1	08/01/24	08/02/24	
Toluene	ND	0.0250	1	08/01/24	08/02/24	
o-Xylene	ND	0.0250	1	08/01/24	08/02/24	
p,m-Xylene	ND	0.0500	1	08/01/24	08/02/24	
Total Xylenes	ND	0.0250	1	08/01/24	08/02/24	
Surrogate: 4-Bromochlorobenzene-PID		*97.2 %*	*70-130*	*08/01/24*	*08/02/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG			Batch: 2431101
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/24	08/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.1 %*	*70-130*	*08/01/24*	*08/02/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CG			Batch: 2431098
Diesel Range Organics (C10-C28)	ND	25.0	1	08/01/24	08/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/01/24	08/02/24	
Surrogate: n-Nonane		*93.8 %*	*50-200*	*08/01/24*	*08/02/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: CG			Batch: 2431112
Chloride	ND	20.0	1	08/01/24	08/02/24	

envirotech Inc.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed #4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/6/2024 11:12:01AM

SW10

E407259-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: CG			Batch: 2431101
Benzene	ND	0.0250	1	08/01/24	08/02/24	
Ethylbenzene	ND	0.0250	1	08/01/24	08/02/24	
Toluene	ND	0.0250	1	08/01/24	08/02/24	
o-Xylene	ND	0.0250	1	08/01/24	08/02/24	
p,m-Xylene	ND	0.0500	1	08/01/24	08/02/24	
Total Xylenes	ND	0.0250	1	08/01/24	08/02/24	
Surrogate: 4-Bromochlorobenzene-PID		*99.7 %*	*70-130*	*08/01/24*	*08/02/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG			Batch: 2431101
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/24	08/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.5 %*	*70-130*	*08/01/24*	*08/02/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CG			Batch: 2431098
Diesel Range Organics (C10-C28)	ND	25.0	1	08/01/24	08/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/01/24	08/02/24	
Surrogate: n-Nonane		*91.1 %*	*50-200*	*08/01/24*	*08/02/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: CG			Batch: 2431112
Chloride	ND	20.0	1	08/01/24	08/02/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed #4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/6/2024 11:12:01AM

SW11

E407259-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: CG			Batch: 2431101
Benzene	ND	0.0250	1	08/01/24	08/02/24	
Ethylbenzene	ND	0.0250	1	08/01/24	08/02/24	
Toluene	ND	0.0250	1	08/01/24	08/02/24	
o-Xylene	ND	0.0250	1	08/01/24	08/02/24	
p,m-Xylene	ND	0.0500	1	08/01/24	08/02/24	
Total Xylenes	ND	0.0250	1	08/01/24	08/02/24	
Surrogate: 4-Bromochlorobenzene-PID		*98.3 %*	*70-130*	*08/01/24*	*08/02/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG			Batch: 2431101
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/24	08/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.3 %*	*70-130*	*08/01/24*	*08/02/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CG			Batch: 2431098
Diesel Range Organics (C10-C28)	ND	25.0	1	08/01/24	08/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/01/24	08/02/24	
Surrogate: n-Nonane		*91.1 %*	*50-200*	*08/01/24*	*08/02/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: CG			Batch: 2431112
Chloride	ND	20.0	1	08/01/24	08/02/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed #4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/6/2024 11:12:01AM

BG1

E407259-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: CG			Batch: 2431101
Benzene	ND	0.0250	1	08/01/24	08/02/24	
Ethylbenzene	ND	0.0250	1	08/01/24	08/02/24	
Toluene	ND	0.0250	1	08/01/24	08/02/24	
o-Xylene	ND	0.0250	1	08/01/24	08/02/24	
p,m-Xylene	ND	0.0500	1	08/01/24	08/02/24	
Total Xylenes	ND	0.0250	1	08/01/24	08/02/24	
Surrogate: 4-Bromochlorobenzene-PID		*99.2 %*	*70-130*	*08/01/24*	*08/02/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG			Batch: 2431101
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/24	08/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.8 %*	*70-130*	*08/01/24*	*08/02/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CG			Batch: 2431098
Diesel Range Organics (C10-C28)	ND	25.0	1	08/01/24	08/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/01/24	08/02/24	
Surrogate: n-Nonane		*95.3 %*	*50-200*	*08/01/24*	*08/02/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: CG			Batch: 2431112
Chloride	ND	20.0	1	08/01/24	08/02/24	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed #4H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/6/2024 11:12:01AM

Volatile Organics by EPA 8021B

Analyst: CG

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2431101-BLK1)									Prepared: 08/01/24 Analyzed: 08/01/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.95*		*8.00*		*99.3*	*70-130*			
LCS (2431101-BS1)									Prepared: 08/01/24 Analyzed: 08/01/24
Benzene	5.37	0.0250	5.00		107	70-130			
Ethylbenzene	5.17	0.0250	5.00		103	70-130			
Toluene	5.29	0.0250	5.00		106	70-130			
o-Xylene	5.19	0.0250	5.00		104	70-130			
p,m-Xylene	10.5	0.0500	10.0		105	70-130			
Total Xylenes	15.7	0.0250	15.0		105	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.99*		*8.00*		*99.8*	*70-130*			
Matrix Spike (2431101-MS1)				**Source: E407257-01**					Prepared: 08/01/24 Analyzed: 08/01/24
Benzene	5.65	0.0250	5.00	ND	113	54-133			
Ethylbenzene	5.42	0.0250	5.00	ND	108	61-133			
Toluene	5.55	0.0250	5.00	ND	111	61-130			
o-Xylene	5.43	0.0250	5.00	ND	109	63-131			
p,m-Xylene	11.0	0.0500	10.0	ND	110	63-131			
Total Xylenes	16.4	0.0250	15.0	ND	110	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*8.03*		*8.00*		*100*	*70-130*			
Matrix Spike Dup (2431101-MSD1)				**Source: E407257-01**					Prepared: 08/01/24 Analyzed: 08/01/24
Benzene	5.21	0.0250	5.00	ND	104	54-133	8.03	20	
Ethylbenzene	5.02	0.0250	5.00	ND	100	61-133	7.67	20	
Toluene	5.12	0.0250	5.00	ND	102	61-130	7.91	20	
o-Xylene	5.03	0.0250	5.00	ND	100	63-131	7.79	20	
p,m-Xylene	10.2	0.0500	10.0	ND	102	63-131	7.44	20	
Total Xylenes	15.3	0.0250	15.0	ND	102	63-131	7.56	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.98*		*8.00*		*99.7*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed #4H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/6/2024 11:12:01AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: CG

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2431101-BLK1)									Prepared: 08/01/24 Analyzed: 08/01/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.29*		*8.00*		*91.1*	*70-130*			
LCS (2431101-BS2)									Prepared: 08/01/24 Analyzed: 08/01/24
Gasoline Range Organics (C6-C10)	43.4	20.0	50.0		86.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.43*		*8.00*		*92.8*	*70-130*			
Matrix Spike (2431101-MS2)				**Source: E407257-01**					Prepared: 08/01/24 Analyzed: 08/01/24
Gasoline Range Organics (C6-C10)	45.5	20.0	50.0	ND	91.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.36*		*8.00*		*92.0*	*70-130*			
Matrix Spike Dup (2431101-MSD2)				**Source: E407257-01**					Prepared: 08/01/24 Analyzed: 08/01/24
Gasoline Range Organics (C6-C10)	44.6	20.0	50.0	ND	89.2	70-130	2.08	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.50*		*8.00*		*93.7*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed #4H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/6/2024 11:12:01AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: CG

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2431098-BLK1)									Prepared: 08/01/24 Analyzed: 08/01/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*47.5*		*50.0*		*94.9*	*50-200*			
LCS (2431098-BS1)									Prepared: 08/01/24 Analyzed: 08/01/24
Diesel Range Organics (C10-C28)	239	25.0	250		95.4	38-132			
Surrogate: n-Nonane	*50.0*		*50.0*		*100*	*50-200*			
Matrix Spike (2431098-MS1)				**Source: E407257-08**					Prepared: 08/01/24 Analyzed: 08/01/24
Diesel Range Organics (C10-C28)	248	25.0	250	ND	99.4	38-132			
Surrogate: n-Nonane	*49.6*		*50.0*		*99.2*	*50-200*			
Matrix Spike Dup (2431098-MSD1)				**Source: E407257-08**					Prepared: 08/01/24 Analyzed: 08/01/24
Diesel Range Organics (C10-C28)	252	25.0	250	ND	101	38-132	1.30	20	
Surrogate: n-Nonane	*45.0*		*50.0*		*90.0*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed #4H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/6/2024 11:12:01AM

Anions by EPA 300.0/9056A

Analyst: CG

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2431112-BLK1)									Prepared: 08/01/24 Analyzed: 08/01/24
Chloride	ND	20.0							
LCS (2431112-BS1)									Prepared: 08/01/24 Analyzed: 08/01/24
Chloride	261	20.0	250		104	90-110			
Matrix Spike (2431112-MS1)				**Source: E407259-03**					Prepared: 08/01/24 Analyzed: 08/01/24
Chloride	250	20.0	250	ND	99.8	80-120			
Matrix Spike Dup (2431112-MSD1)				**Source: E407259-03**					Prepared: 08/01/24 Analyzed: 08/01/24
Chloride	250	20.0	250	ND	100	80-120	0.132	20	

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

Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed #4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	08/06/24 11:12

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

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

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

Project Information

Chain of Custody

Client: Pima Environmental Services	Bill To
Project: Fighting Okra 18-19 Fed #4H	Attention: Devon
Project Manager: Gio Gomez	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 806-782-1151	Email:
Email: gio@pimaoil.com	Pima Project # 1-212-2
Report due by:	

Lab Use Only: Lab WO# E407259 | Job Number 01058-0007

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

EPA Program: CWA | SDWA | RCRA

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX			Remarks
11:20	7/29	S		SW1	1									X				
11:28	"	"		SW2	2									"				
11:34	"	"		SW3	3									"				
11:45	"	"		SW4	4									"				
11:56	"	"		SW5	5									"				
12:07	"	"		SW6	6									"				
12:27	"	"		SW7	7									"				
12:31	"	"		SW8	8									"				
12:36	"	"		SW9	9									"				
12:45	"	"		SW10	10									"				

Additional Instructions: Billing # 21377757

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Karime Adame	7/31/24	1:40	Michelle Gonzales	7-31-24	1340
Michelle Gonzales	7-31-24	1620		7.31.24	1730
	7.31.24	2400		8-1-24	0830

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

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

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

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

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Project Information | Chain of Custody | Page 4 of 4

Client: Pima Environmental Services	Bill To
Project: Fighting Okra 18-19 Fed #41H	Attention: Devon
Project Manager: Gio Gomez	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 806-782-1151	Email:
Email: gio@pimaoil.com	Pima Project # 1-212-2
Report due by:	

Lab Use Only: Lab WO# E407259 | Job Number 01058-0007

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

EPA Program: CWA | SDWA | RCRA

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

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8250 | Metals 6010 | Chloride 300.0 | BGDOC NM | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC NM	Remarks
12:56	7/29	S		SW11	11	X	
1:17	"	"		BG1	12	X	

Additional Instructions: Billing #21377757

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Karime Adame	7/31/24	1:40	Michelle Gonzales	7.31.24	1340
Michelle Gonzales	7-31-24	1620		7.31.24	1730
	7.31.24	2400		8-1-24	0830

Lab Use Only: Received on ice: (Y) / N; T1 ____ T2 ____ T3 ____; AVG Temp °C 4

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

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

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

envirotech

Envirotech Analytical Laboratory

Printed: 8/1/2024 2:09:31PM

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:	08/01/24 08:30	Work Order ID:	E407259
Phone:	(575) 631-6977	Date Logged In:	07/31/24 16:39	Logged In By:	Noe Soto
Email:	gio@pimaoil.com	Due Date:	08/07/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Project Fighing Okra 18-19 Fed #4H has been separated into multiple WO due to high sample volume, the WO are E407258 & E407259. No. of containers and sampled by name is missing in COC by client.

Client Instruction

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

Date

envirotech Inc.

Report to:

Gio Gomez

5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Fighting Okra 18-19 Fed #4H
Work Order:	E409257
Job Number:	01058-0007
Received:	9/27/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/27/24

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

Date Reported: 9/27/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247

Project Name: Fighting Okra 18-19 Fed #4H
Workorder: E409257
Date Received: 9/27/2024 7:10:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/27/2024 7:10:00AM, under the Project Name: Fighting Okra 18-19 Fed #4H.

The analytical test results summarized in this report with the Project Name: Fighting Okra 18-19 Fed #4H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed #4H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	09/27/24 16:31

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS1-Surface 2'	E409257-01A	Soil	09/26/24	09/27/24	Glass Jar, 2 oz.
CS2-Surface 2'	E409257-02A	Soil	09/26/24	09/27/24	Glass Jar, 2 oz.
CS3-Surface 2'	E409257-03A	Soil	09/26/24	09/27/24	Glass Jar, 2 oz.
CS4-Surface 2'	E409257-04A	Soil	09/26/24	09/27/24	Glass Jar, 2 oz.
CS5-Surface 2'	E409257-05A	Soil	09/26/24	09/27/24	Glass Jar, 2 oz.
CSW1-Surface 2' Comp	E409257-06A	Soil	09/26/24	09/27/24	Glass Jar, 2 oz.
CSW2-Surface 2' Comp	E409257-07A	Soil	09/26/24	09/27/24	Glass Jar, 2 oz.
CSW3-Surface 2' Comp	E409257-08A	Soil	09/26/24	09/27/24	Glass Jar, 2 oz.
CSW4-Surface 2' Comp	E409257-09A	Soil	09/26/24	09/27/24	Glass Jar, 2 oz.
CSW5-Surface 2' Comp	E409257-10A	Soil	09/26/24	09/27/24	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed #4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/27/2024 4:31:30PM

CS1-Surface 2'

E409257-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2439116
Benzene	ND	0.0250	1	09/27/24	09/27/24	
Ethylbenzene	ND	0.0250	1	09/27/24	09/27/24	
Toluene	ND	0.0250	1	09/27/24	09/27/24	
o-Xylene	ND	0.0250	1	09/27/24	09/27/24	
p,m-Xylene	ND	0.0500	1	09/27/24	09/27/24	
Total Xylenes	ND	0.0250	1	09/27/24	09/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*09/27/24*	*09/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2439116
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/27/24	09/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.6 %*	*70-130*	*09/27/24*	*09/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2439099
Diesel Range Organics (C10-C28)	ND	25.0	1	09/27/24	09/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/27/24	09/27/24	
Surrogate: n-Nonane		*97.8 %*	*50-200*	*09/27/24*	*09/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2439104
Chloride	ND	20.0	1	09/27/24	09/27/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed #4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/27/2024 4:31:30PM

CS2-Surface 2'

E409257-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2439116
Benzene	ND	0.0250	1	09/27/24	09/27/24	
Ethylbenzene	ND	0.0250	1	09/27/24	09/27/24	
Toluene	ND	0.0250	1	09/27/24	09/27/24	
o-Xylene	ND	0.0250	1	09/27/24	09/27/24	
p,m-Xylene	ND	0.0500	1	09/27/24	09/27/24	
Total Xylenes	ND	0.0250	1	09/27/24	09/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*09/27/24*	*09/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2439116
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/27/24	09/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.5 %*	*70-130*	*09/27/24*	*09/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2439099
Diesel Range Organics (C10-C28)	ND	25.0	1	09/27/24	09/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/27/24	09/27/24	
Surrogate: n-Nonane		*99.6 %*	*50-200*	*09/27/24*	*09/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2439104
Chloride	ND	20.0	1	09/27/24	09/27/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed #4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/27/2024 4:31:30PM

CS3-Surface 2'

E409257-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2439116
Benzene	ND	0.0250	1	09/27/24	09/27/24	
Ethylbenzene	ND	0.0250	1	09/27/24	09/27/24	
Toluene	ND	0.0250	1	09/27/24	09/27/24	
o-Xylene	ND	0.0250	1	09/27/24	09/27/24	
p,m-Xylene	ND	0.0500	1	09/27/24	09/27/24	
Total Xylenes	ND	0.0250	1	09/27/24	09/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*09/27/24*	*09/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2439116
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/27/24	09/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.6 %*	*70-130*	*09/27/24*	*09/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2439099
Diesel Range Organics (C10-C28)	ND	25.0	1	09/27/24	09/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/27/24	09/27/24	
Surrogate: n-Nonane		*95.2 %*	*50-200*	*09/27/24*	*09/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2439104
Chloride	ND	20.0	1	09/27/24	09/27/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed #4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/27/2024 4:31:30PM

CS4-Surface 2'

E409257-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2439116
Benzene	ND	0.0250	1	09/27/24	09/27/24	
Ethylbenzene	ND	0.0250	1	09/27/24	09/27/24	
Toluene	ND	0.0250	1	09/27/24	09/27/24	
o-Xylene	ND	0.0250	1	09/27/24	09/27/24	
p,m-Xylene	ND	0.0500	1	09/27/24	09/27/24	
Total Xylenes	ND	0.0250	1	09/27/24	09/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.1 %*	*70-130*	*09/27/24*	*09/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2439116
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/27/24	09/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.9 %*	*70-130*	*09/27/24*	*09/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2439099
Diesel Range Organics (C10-C28)	ND	25.0	1	09/27/24	09/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/27/24	09/27/24	
Surrogate: n-Nonane		*97.4 %*	*50-200*	*09/27/24*	*09/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2439104
Chloride	ND	20.0	1	09/27/24	09/27/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed #4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/27/2024 4:31:30PM

CS5-Surface 2'

E409257-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2439116
Benzene	ND	0.0250	1	09/27/24	09/27/24	
Ethylbenzene	ND	0.0250	1	09/27/24	09/27/24	
Toluene	ND	0.0250	1	09/27/24	09/27/24	
o-Xylene	ND	0.0250	1	09/27/24	09/27/24	
p,m-Xylene	ND	0.0500	1	09/27/24	09/27/24	
Total Xylenes	ND	0.0250	1	09/27/24	09/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.2 %*	*70-130*	*09/27/24*	*09/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2439116
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/27/24	09/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.5 %*	*70-130*	*09/27/24*	*09/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2439099
Diesel Range Organics (C10-C28)	ND	25.0	1	09/27/24	09/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/27/24	09/27/24	
Surrogate: n-Nonane		*102 %*	*50-200*	*09/27/24*	*09/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2439104
Chloride	ND	20.0	1	09/27/24	09/27/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed #4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/27/2024 4:31:30PM

CSW1-Surface 2' Comp

E409257-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2439116
Benzene	ND	0.0250	1	09/27/24	09/27/24	
Ethylbenzene	ND	0.0250	1	09/27/24	09/27/24	
Toluene	ND	0.0250	1	09/27/24	09/27/24	
o-Xylene	ND	0.0250	1	09/27/24	09/27/24	
p,m-Xylene	ND	0.0500	1	09/27/24	09/27/24	
Total Xylenes	ND	0.0250	1	09/27/24	09/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.7 %*	*70-130*	*09/27/24*	*09/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2439116
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/27/24	09/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.4 %*	*70-130*	*09/27/24*	*09/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2439099
Diesel Range Organics (C10-C28)	ND	25.0	1	09/27/24	09/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/27/24	09/27/24	
Surrogate: n-Nonane		*100 %*	*50-200*	*09/27/24*	*09/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2439104
Chloride	ND	20.0	1	09/27/24	09/27/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed #4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/27/2024 4:31:30PM

CSW2-Surface 2' Comp

E409257-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2439116
Benzene	ND	0.0250	1	09/27/24	09/27/24	
Ethylbenzene	ND	0.0250	1	09/27/24	09/27/24	
Toluene	ND	0.0250	1	09/27/24	09/27/24	
o-Xylene	ND	0.0250	1	09/27/24	09/27/24	
p,m-Xylene	ND	0.0500	1	09/27/24	09/27/24	
Total Xylenes	ND	0.0250	1	09/27/24	09/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*93.6 %*	*70-130*	*09/27/24*	*09/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2439116
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/27/24	09/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*98.5 %*	*70-130*	*09/27/24*	*09/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2439099
Diesel Range Organics (C10-C28)	ND	25.0	1	09/27/24	09/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/27/24	09/27/24	
Surrogate: n-Nonane		*97.7 %*	*50-200*	*09/27/24*	*09/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2439104
Chloride	ND	20.0	1	09/27/24	09/27/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed #4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/27/2024 4:31:30PM

CSW3-Surface 2' Comp

E409257-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2439116
Benzene	ND	0.0250	1	09/27/24	09/27/24	
Ethylbenzene	ND	0.0250	1	09/27/24	09/27/24	
Toluene	ND	0.0250	1	09/27/24	09/27/24	
o-Xylene	ND	0.0250	1	09/27/24	09/27/24	
p,m-Xylene	ND	0.0500	1	09/27/24	09/27/24	
Total Xylenes	ND	0.0250	1	09/27/24	09/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.0 %*	*70-130*	*09/27/24*	*09/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2439116
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/27/24	09/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.3 %*	*70-130*	*09/27/24*	*09/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2439099
Diesel Range Organics (C10-C28)	ND	25.0	1	09/27/24	09/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/27/24	09/27/24	
Surrogate: n-Nonane		*103 %*	*50-200*	*09/27/24*	*09/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2439104
Chloride	ND	20.0	1	09/27/24	09/27/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed #4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/27/2024 4:31:30PM

CSW4-Surface 2' Comp

E409257-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2439116
Benzene	ND	0.0250	1	09/27/24	09/27/24	
Ethylbenzene	ND	0.0250	1	09/27/24	09/27/24	
Toluene	ND	0.0250	1	09/27/24	09/27/24	
o-Xylene	ND	0.0250	1	09/27/24	09/27/24	
p,m-Xylene	ND	0.0500	1	09/27/24	09/27/24	
Total Xylenes	ND	0.0250	1	09/27/24	09/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*89.7 %*	*70-130*	*09/27/24*	*09/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2439116
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/27/24	09/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.5 %*	*70-130*	*09/27/24*	*09/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2439099
Diesel Range Organics (C10-C28)	ND	25.0	1	09/27/24	09/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/27/24	09/27/24	
Surrogate: n-Nonane		*96.7 %*	*50-200*	*09/27/24*	*09/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2439104
Chloride	ND	20.0	1	09/27/24	09/27/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed #4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/27/2024 4:31:30PM

CSW5-Surface 2' Comp

E409257-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2439116
Benzene	ND	0.0250	1	09/27/24	09/27/24	
Ethylbenzene	ND	0.0250	1	09/27/24	09/27/24	
Toluene	ND	0.0250	1	09/27/24	09/27/24	
o-Xylene	ND	0.0250	1	09/27/24	09/27/24	
p,m-Xylene	ND	0.0500	1	09/27/24	09/27/24	
Total Xylenes	ND	0.0250	1	09/27/24	09/27/24	
Surrogate: 4-Bromochlorobenzene-PID		*90.2 %*	*70-130*	*09/27/24*	*09/27/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2439116
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/27/24	09/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.5 %*	*70-130*	*09/27/24*	*09/27/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2439099
Diesel Range Organics (C10-C28)	ND	25.0	1	09/27/24	09/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/27/24	09/27/24	
Surrogate: n-Nonane		*94.7 %*	*50-200*	*09/27/24*	*09/27/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2439104
Chloride	ND	20.0	1	09/27/24	09/27/24	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed #4H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/27/2024 4:31:30PM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2439116-BLK1)									Prepared: 09/26/24 Analyzed: 09/26/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*8.01*		*8.00*		*100*	*70-130*			
LCS (2439116-BS1)									Prepared: 09/26/24 Analyzed: 09/26/24
Benzene	5.22	0.0250	5.00		104	70-130			
Ethylbenzene	5.04	0.0250	5.00		101	70-130			
Toluene	5.14	0.0250	5.00		103	70-130			
o-Xylene	5.04	0.0250	5.00		101	70-130			
p,m-Xylene	10.3	0.0500	10.0		103	70-130			
Total Xylenes	15.3	0.0250	15.0		102	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.04*		*8.00*		*100*	*70-130*			
LCS Dup (2439116-BSD1)									Prepared: 09/26/24 Analyzed: 09/26/24
Benzene	5.28	0.0250	5.00		106	70-130	1.16	20	
Ethylbenzene	5.10	0.0250	5.00		102	70-130	1.11	20	
Toluene	5.20	0.0250	5.00		104	70-130	1.25	20	
o-Xylene	5.09	0.0250	5.00		102	70-130	0.960	20	
p,m-Xylene	10.4	0.0500	10.0		104	70-130	0.983	20	
Total Xylenes	15.4	0.0250	15.0		103	70-130	0.975	20	
Surrogate: 4-Bromochlorobenzene-PID	*8.08*		*8.00*		*101*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed #4H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/27/2024 4:31:30PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2439116-BLK1)									Prepared: 09/26/24 Analyzed: 09/26/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.51*		*8.00*		*93.9*	*70-130*			
LCS (2439116-BS2)									Prepared: 09/26/24 Analyzed: 09/26/24
Gasoline Range Organics (C6-C10)	47.5	20.0	50.0		95.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.57*		*8.00*		*94.7*	*70-130*			
LCS Dup (2439116-BSD2)									Prepared: 09/26/24 Analyzed: 09/26/24
Gasoline Range Organics (C6-C10)	46.0	20.0	50.0		91.9	70-130	3.27	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.57*		*8.00*		*94.6*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed #4H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/27/2024 4:31:30PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2439099-BLK1)									Prepared: 09/26/24 Analyzed: 09/27/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*50.1*		*50.0*		*100*	*50-200*			
LCS (2439099-BS1)									Prepared: 09/26/24 Analyzed: 09/27/24
Diesel Range Organics (C10-C28)	256	25.0	250		102	38-132			
Surrogate: n-Nonane	*50.6*		*50.0*		*101*	*50-200*			
LCS Dup (2439099-BSD1)									Prepared: 09/26/24 Analyzed: 09/27/24
Diesel Range Organics (C10-C28)	261	25.0	250		104	38-132	1.95	20	
Surrogate: n-Nonane	*49.6*		*50.0*		*99.2*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed #4H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/27/2024 4:31:30PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2439104-BLK1)									Prepared: 09/26/24 Analyzed: 09/27/24
Chloride	ND	20.0							
LCS (2439104-BS1)									Prepared: 09/26/24 Analyzed: 09/27/24
Chloride	258	20.0	250		103	90-110			
LCS Dup (2439104-BSD1)									Prepared: 09/26/24 Analyzed: 09/27/24
Chloride	258	20.0	250		103	90-110	0.197	20	

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

Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18-19 Fed #4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	09/27/24 16:31

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

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

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

Project Information

Chain of Custody

Client: Pima Environmental Services
Project: Fighting Okra 18-19 Fed #4H
Project Manager: Gio Gomez
Address: 5614 N. Lovington Hwy.
City, State, Zip Hobbs, NM, 88240
Phone: 806-782-1151
Email: gio@pimaoil.com
Report due by:

Bill To
Attention: Devon
Address:
City, State, Zip
Phone:
Email:
Pima Project # 212-2

Lab Use Only
Lab WO# E409257
Job Number 01058:0007

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

EPA Program: CWA | SDWA | RCRA

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

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	9/26	S		CS1 - Surface 2'	1							X		
8:09				CS2 - Surface 2'	2									
8:17				CS3 - Surface 2'	3									
8:25				CS4 - Surface 2'	4									
8:34				CS5 - Surface 2'	5									
8:42				CSW1 - Surface 2' comp	6									
8:56				CSW2 - Surface 2' comp	7									
9:09				CSW3 - Surface 2' COMP.	8									
9:29				CSW4 - Surface 2' Comp.	9									
9:40				CSW5 - Surface 2' comp.	10									

Analysis and Method

Additional Instructions: Billing # 21377757

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Karine Adame	9/26/24	3:10	Michelle Gonzales	9.26.24	1510
Michelle Gonzales	9.26.24	1715		9.26.24	1715
	9.26.24	2330		9.27.24	7:10

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

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

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

envirotech

Envirotech Analytical Laboratory

Printed: 9/27/2024 8:51:57AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Pima Environmental Services-Carlsbad	Date Received:	09/27/24 07:10	Work Order ID:	E409257
Phone:	(575) 631-6977	Date Logged In:	09/26/24 16:38	Logged In By:	Raina Schwanz
Email:	gio@pimaoil.com	Due Date:	09/27/24 17:00 (0 day TAT)		

Chain of Custody (COC)

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Number of containers and sampled by not marked on COC by client.

Client Instruction

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

Date

envirotech Inc.

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

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

QUESTIONS

Action 390003

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 390003
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2420451000**
Incident Name	**NAPP2420451000 FIGHTING OKRA 18 19 FEDERAL #004H @ 30-025-44444**
Incident Type	**Oil Release**
Incident Status	**Remediation Closure Report Received**
Incident Well	**[30-025-44444] FIGHTING OKRA 18 19 FEDERAL #004H**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	FIGHTING OKRA 18 19 FEDERAL #004H
Date Release Discovered	07/22/2024
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Equipment Failure | Other (Specify) | Crude Oil | Released: 9 BBL | Recovered: 9 BBL | Lost: 0 BBL.
Produced Water Released (bbls) Details	*Not answered.*
Is the concentration of chloride in the produced water >10,000 mg/l	*Not answered.*
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Drilling personnel found oil around a compressor. Oil and rainwater had filled the containment to the drain and the rain water had oil on it. Aoubty 9 bbls of oil were released and recovered. Recovered an additional 21 bbls of rainwater.

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District III
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Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 390003
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*
Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.	

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

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dvn.com Date: 10/04/2024

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

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 390003
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between ½ and 1 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	0
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	194
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
On what estimated date will the remediation commence	10/02/2024
On what date will (or did) the final sampling or liner inspection occur	09/25/2024
On what date will (or was) the remediation complete(d)	10/02/2024
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	0
What is the estimated volume (in cubic yards) that will be remediated	0
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.	
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 390003
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	*Not answered.*
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	*Not answered.*
(In Situ) Soil Vapor Extraction	*Not answered.*
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	*Not answered.*
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	*Not answered.*
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	*Not answered.*
Ground Water Abatement pursuant to 19.15.30 NMAC	*Not answered.*
OTHER (Non-listed remedial process)	Yes
Other Non-listed Remedial Process. Please specify	soil concentrations were below state action levels based on the depth to groundwater
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	

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

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dvn.com Date: 10/04/2024

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 390003
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 390003
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**385385**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**09/25/2024**
What was the (estimated) number of samples that were to be gathered	**10**
What was the sampling surface area in square feet	**940**

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	**Yes**
Was this release entirely contained within a lined containment area	**No**
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	0
What was the total volume (cubic yards) remediated	0
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	Based on groundwater depth information from C-04626-POD1, groundwater was not encountered at a depth of 55 feet below ground surface (bgs). This point of diversion (POD) was drilled and documented by Atkins Engineering Associates, Inc. on June 9, 2022. As a result, no excavation was necessary.

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

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

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dvn.com Date: 10/04/2024

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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 390003
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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CONDITIONS

Action 390003

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	6137
	Action Number: 390003
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	Remediation closure approved.	10/16/2024
amaxwell	Operator failed to provide proper Sampling Notification pursuant to 19.15.29.12.D.(1).(a) NMAC. Failure to provide proper sampling notice is a compliance issue and OCD may pursue compliance actions pursuant to 19.15.5 NMAC. Operator shall ensure future compliance with 19.15.29.12.D.(1).(a) NMAC	10/16/2024
amaxwell	Operator made sample notification for September 25, 2024. Samples where collected September 26, 2024.	10/16/2024
amaxwell	For future releases, make sure sampling submitted sampling dates are observed. If sampling dates and times need changed, submit request via email and permitting portal.	10/16/2024
amaxwell	A reclamation report will not be accepted until reclamation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	10/16/2024
amaxwell	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	10/16/2024