Form C-141
Page 3

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2232043824
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	<50 (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☐ Yes ☒ No

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

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

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

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

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2232043824
District RP	
Facility ID	
Application ID	

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

Printed Name: Dale Woodall Title: EHS Professional

Signature: Dale Woodall Date: 2/28/2023

email: dale.woodall@dvn.com Telephone: 405-318-4697

OCD Only

Received by: Jocelyn Harimon Date: 02/28/2023

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2232043824
District RP	
Facility ID	
Application ID	

Closure

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

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

[x] A scaled site and sampling diagram as described in 19.15.29.11 NMAC

[x] Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

[x] Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

[x] Description of remediation activities

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

Printed Name: Dale Woodall Title: EHS Professional

Signature: Dale Woodall Date: 2/28/2023

email: dale.woodall@dvn.com Telephone: 405-318-4697

OCD Only

Received by: Jocelyn Harimon Date: 02/28/2023

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

Pima Environmental Services, LLC
5614 N. Lovington Hwy.
Hobbs, NM 88240
575-964-7740

February 23, 2023

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

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

Re: Site Assessment, Remediation, and Closure Report
Fighting Okra 18 CTB 3
API No. N/A
GPS: Latitude 32.049599, Longitude -103.516588
Unit Letter D, Section 18, Township 26S, Range 34E
Lea County, NM
NMOCD Ref. No. NAPP2232043824

Pima Environmental Services, LLC (Pima) has been contracted by Devon Energy Production Company (Devon) to perform a spill assessment and remediation activities for a crude oil release that occurred at the Fighting Okra 18 CTB 3 (Fighting Okra). The initial C-141 was submitted on November 30, 2022 (Appendix C). This incident was assigned Incident ID NAPP2232043824, by the New Mexico Oil Conservation Division (NMOCD).

Site Characterization

The Fighting Okra is located approximately nineteen (19) miles southwest of Jal, NM. This spill site is in Unit Letter D, Section 18, Township 26S, Range 34E, Latitude 32.049599, Longitude -103.516588, Lea County, NM. Figure 1 references a Location Map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is made up of Interlayered eolian sands and piedmont-slope deposits along the eastern flank of the Pecos River valley, primarily between Roswell and Carlsbad. Typically capped by thin eolian deposits. The soil in this area is made up of Pyote and Maljamar fine sands, 0 to 3 percent slopes 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).

According to the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is 200 feet below grade surface (BGS). According to the United States Geological Survey (USGS), the nearest groundwater is 124 feet BGS. The closest waterway is the Red Bluff Reservoir located approximately 24.53 miles to the southwest of this location. See Appendix A for referenced water surveys.

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

Reference Figure 2 for a Topographic map.

Release Information

NAPP2232043824: On November 16, 2022, an equipment failure caused fluid to be released. The released fluids were calculated to be approximately 6.9 barrels (bbls) of crude oil. A vacuum truck was able to recover approximately 5 bbls of standing fluid.

Site Assessment and Soil Sampling Results

On November 17, 2022, Pima mobilized personnel to the site to begin collecting soil samples from spill area. The laboratory results of this sampling event can be found in the following data table. A Site Map can be found in Figure 4.

11-17-22 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
DEVON ENERGY -FIGHTING OKRA 18 CTB 3								
Sample Date: 11/17/22		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
S-1	1'	1.95	ND	125	2390	656	3172.95	36
	2'	3.39	ND	184	2950	935	4072.39	1470
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S-2	1'	0.276	ND	29	3650	1120	4799.276	ND
	2'	ND	ND	ND	357	130	487	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S-3	1'	0.369	ND	47.7	2600	669	3317.069	ND
	2'	ND	ND	ND	299	120	419	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S-4	1'	0.0905	ND	ND	393	116	509.0905	ND
	2'	ND	ND	ND	154	ND	154	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S-5	1'	0.343	ND	ND	246	128	374.343	41.5
	2'	0.216	ND	23.4	1040	298	1361.616	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
SW-1	6"	ND	ND	ND	ND	ND	0	ND
SW-2	6"	ND	ND	ND	ND	ND	0	ND
SW-3	6"	ND	ND	ND	ND	ND	0	ND
SW-4	6"	ND	ND	ND	ND	ND	0	ND
BG 1	6"	ND	ND	ND	ND	ND	0	ND
BG 2	6"	ND	ND	ND	ND	ND	0	ND

ND- Analyte Not Detected

Remediation Activities

On February 15, 2023, the Devon Construction Department mobilized personnel and equipment to begin immediate remediation activities. They began excavating the area to a depth of 3' BGS. The contaminated soil was hauled to an approved, lined disposal facility and clean backfill material was brought in.

On February 18, 2023, , after sending a 48-hour notification (Appendix C). Pima returned to the site to begin collecting confirmation samples. The laboratory results of this sampling event can be found in the following data table.

2-18-23 Confirmation Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
DEVON ENERGY -FIGHTING OKRA 18 CTB 3								
Sample Date: 2/18/23		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
CS 1	3'	ND	ND	ND	ND	ND	ND	ND
CS 2	3'	ND	ND	ND	ND	ND	ND	ND
CS 3	3'	ND	ND	ND	ND	ND	ND	ND
CS 4	3'	ND	ND	ND	ND	ND	ND	ND
CS 5	3'	ND	ND	ND	ND	ND	ND	ND
CS 6	3'	ND	ND	ND	ND	ND	ND	ND
CS 7	3'	ND	ND	ND	ND	ND	ND	ND
CSW 1	3'	ND	ND	ND	ND	ND	ND	ND
CSW 2	3'	ND	ND	ND	ND	ND	ND	ND
CSW 3	3'	ND	ND	ND	ND	ND	ND	ND
CSW 4	3'	ND	ND	ND	ND	ND	ND	ND
CSW 5	3'	ND	ND	ND	ND	ND	ND	ND
CSW 6	3'	ND	ND	ND	ND	ND	ND	ND
CSW 7	3'	ND	ND	ND	ND	ND	ND	ND
CSW 8	3'	ND	ND	ND	ND	ND	ND	ND
CSW 9	3'	ND	ND	ND	ND	ND	ND	ND
CSW 10	3'	ND	ND	ND	ND	ND	ND	ND
CSW 11	3'	ND	ND	ND	ND	ND	ND	ND
CSW 12	3'	ND	ND	ND	ND	ND	ND	ND
CSW 13	3'	ND	ND	ND	ND	ND	ND	ND
CSW 14	3'	ND	ND	ND	ND	ND	ND	ND

ND- Analyte Not Detected

Complete laboratory reports can be found in Appendix E.

Closure Request

After careful review, Pima requests that this incident, NAPP2232043824, be closed. Devon has complied with the applicable closure requirements set forth in rule 19.15.19.12 NMAC.

Should you have any questions or need additional information, please feel free to contact Gio Gomez at 575-964-7740 or gio@pimaoil.com.

Respectfully,

Gio Gomez

Gio Gomez
Project Manager
Pima Environmental Services, LLC

Attachments

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

Appendices:
Appendix A – Referenced Water Surveys
Appendix B – Soil Survey and Geological Data
Appendix C – C-141 Form
Appendix D – Photographic Documentation
Appendix E – Laboratory Reports

Pima Environmental Services

Figures:

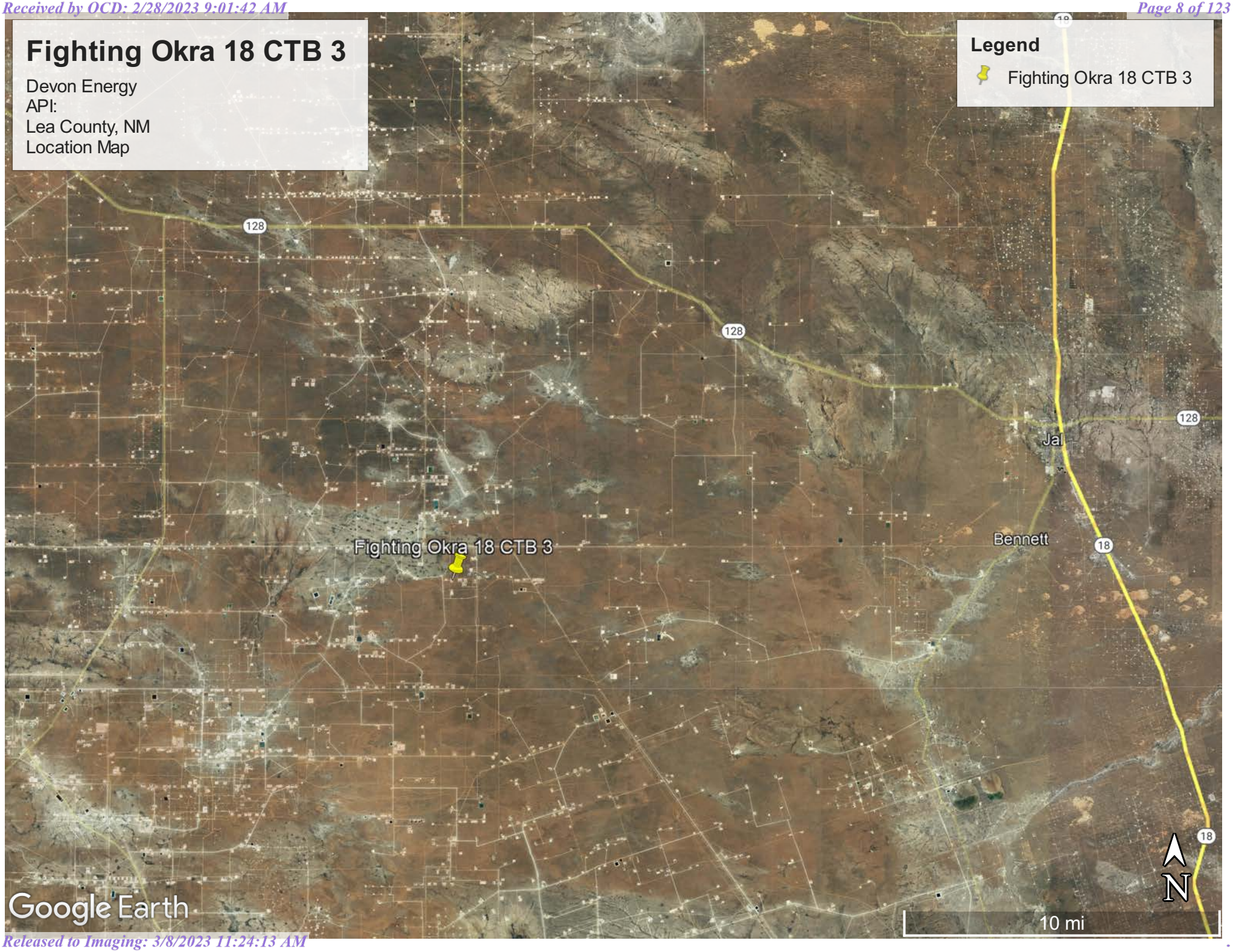
1-Location Map

2-Topographic Map

3-Karst Map

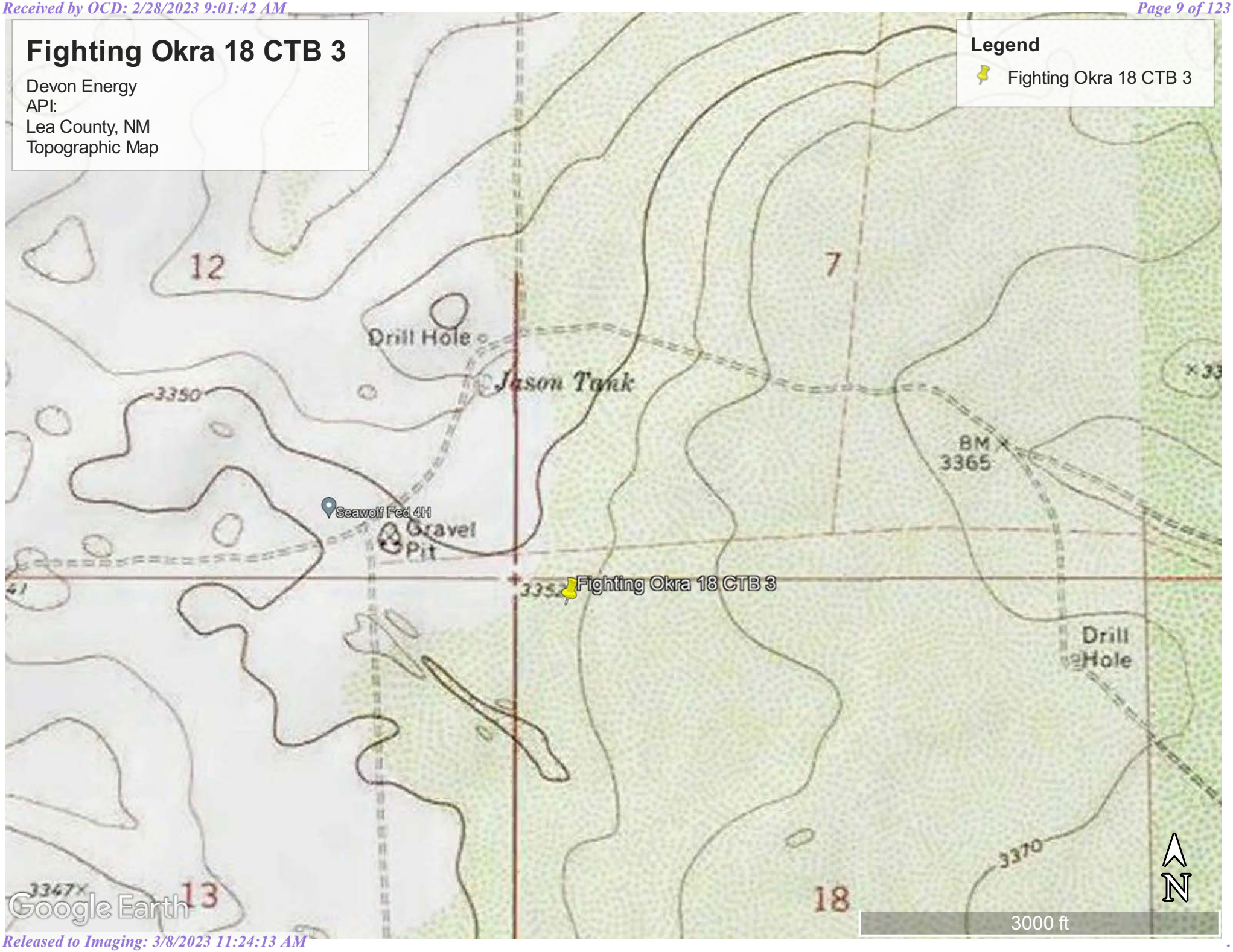
4-Site Map

5-Confirmation Sample Map


Fighting Okra 18 CTB 3
Devon Energy
API:
Lea County, NM
Location Map
Legend
Fighting Okra 18 CTB 3
128
128
128
Jal
Bennett
18
18
Fighting Okra 18 CTB 3
N
10 mi
Google Earth

Fighting Okra 18 CTB 3

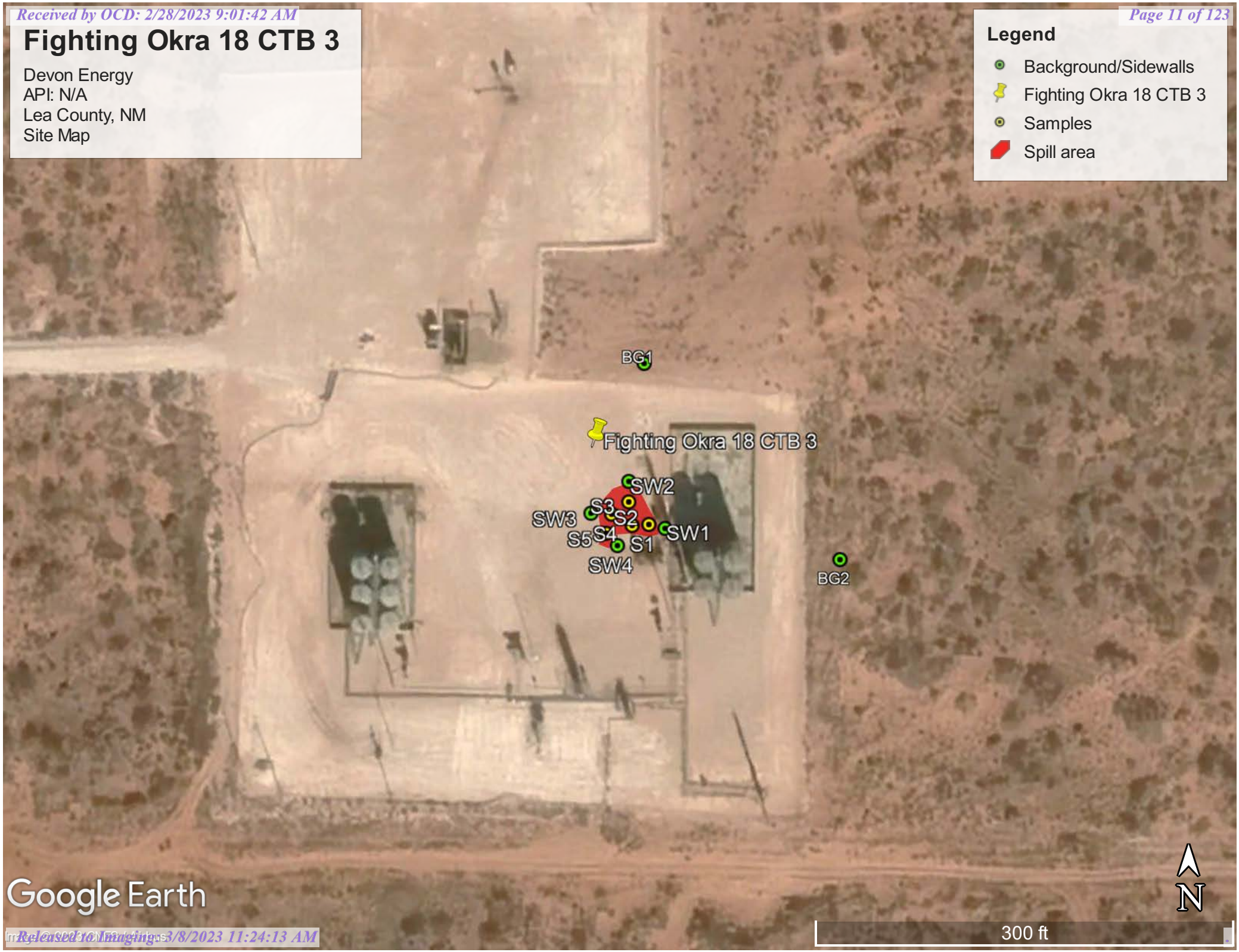
Devon Energy
API:
Lea County, NM
Topographic Map




Fighting Okra 18 CTB 3
Devon Energy
API:
Lea County, NM
Karst Map
Legend
Fighting Okra 18 CTB 3
High Karst
Low Karst
Medium Karst
eawolf Fed 4H
Fighting Okra 18 CTB 3
Google Earth
N
2000 ft

Fighting Okra 18 CTB 3

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

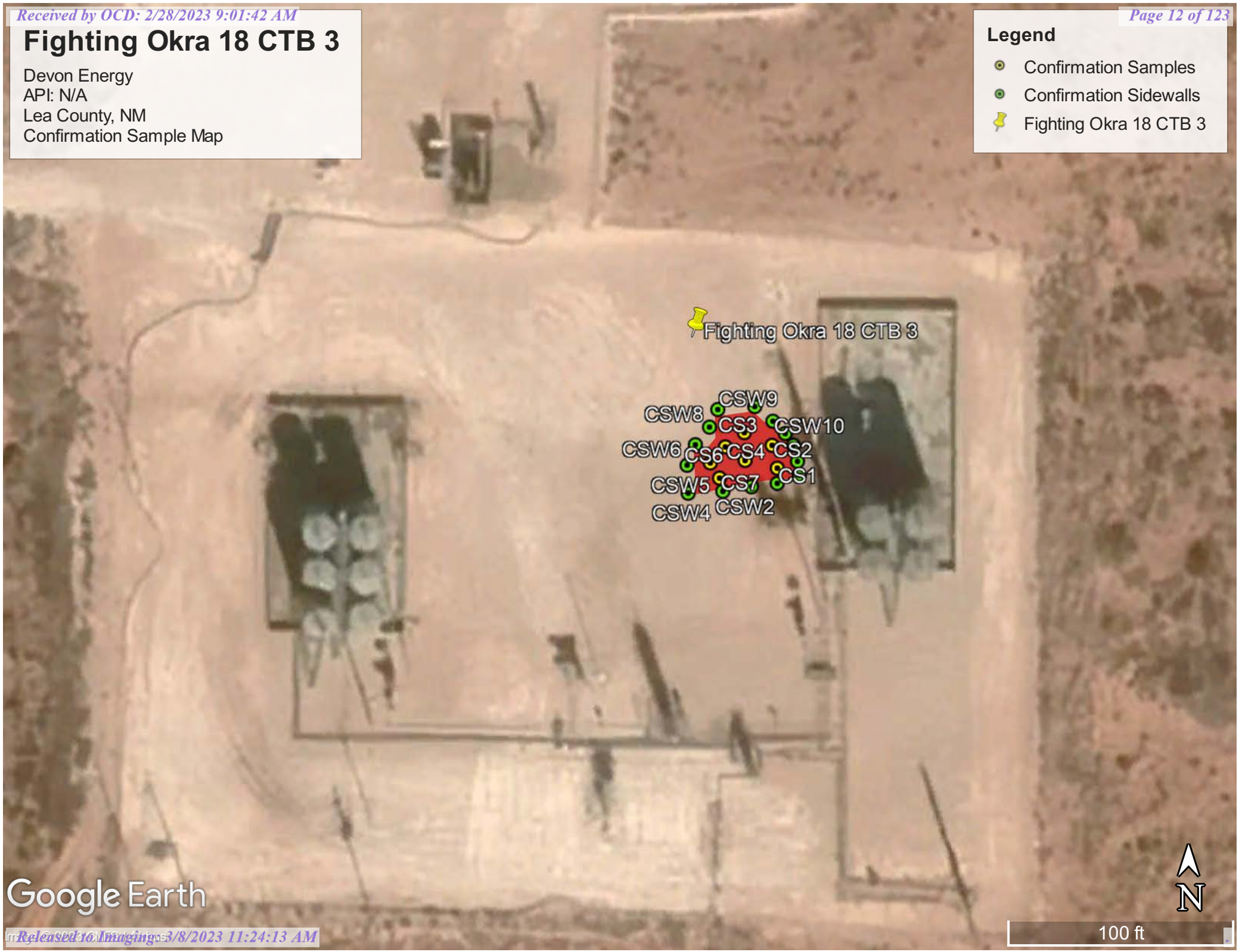


Fighting Okra 18 CTB 3

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

Legend

- Confirmation Samples
- Confirmation Sidewalls
- Fighting Okra 18 CTB 3



Pima Environmental Services

Appendix A

Water Surveys:

OSE

USGS

Surface Water Map

New Mexico Office of the State Engineer
Water Column/Average Depth to Water

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

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

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

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 04626 POD1		CUB	LE	4	2	1	18	26S	34E	640644	3546672	613			
C 02295		CUB	LE	2	2	4	12	26S	33E	639865	3547624	719	250	200	50
C 02293		CUB	LE	2	2	1	14	26S	33E	637501	3546975	2592	200	135	65
C 02294		CUB	LE	4	4	3	11	26S	33E	637465	3547003	2628	200	145	55
C 02292 POD1		CUB	LE	4	1	2	06	26S	34E	640992	3549987	3174	200	140	60
C 03441 POD1		C	LE	4	1	2	06	26S	34E	640971	3550039	3219	250		
C 03442 POD1		C	LE	4	1	2	06	26S	34E	641056	3550028	3232	251		
C 02291		CUB	LE	1	1	2	06	26S	34E	640825	3550140*	3280	220	160	60
C 04628 POD1		CUB	LE	1	1	2	01	26S	33E	639121	3550219	3418			
C 02289		CUB	LE	4	4	4	03	26S	33E	636612	3548675*	3888	200	160	40
C 02288		CUB	LE	4	4	4	03	26S	33E	636646	3548758	3896	220	180	40
C 02285 POD1		CUB	LE	1	4	4	03	26S	33E	636613	3548855	3971	220	220	0
C 02290		CUB	LE	4	4	4	03	26S	33E	636538	3548770	3997	200	160	40
C 02286		CUB	LE	3	4	4	03	26S	33E	636470	3548714	4033	220	175	45
C 02287		C	LE	3	4	4	03	26S	33E	636427	3548708	4068	220		
C 04583 POD1		CUB	LE	3	3	3	15	26S	34E	644920	3545643	4998	55		

Average Depth to Water: **167 feet**
Minimum Depth: **135 feet**
Maximum Depth: **220 feet**

Record Count: 16

UTMNAD83 Radius Search (in meters):

Easting (X): 640092.96 **Northing (Y):** 3546942.28 **Radius:** 5000

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

National Water Information System: Web Interface

USGS Water Resources

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

Click to hideNews Bulletins

- **ALERT!** USGS will be performing an upgrade to their network on **Thursday, November 17, 2022, starting at 10:00pm EST**. During the maintenance period, the Water Data for the Nation web portal and water services will be accessible; however, delivery of the most recent time-series data and WaterAlert notifications will be disrupted. The maintenance period is not expected to exceed 4 hours, after which the backlog of time-series data will be processed and delivered.
- Water Data for the Nation Blog

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

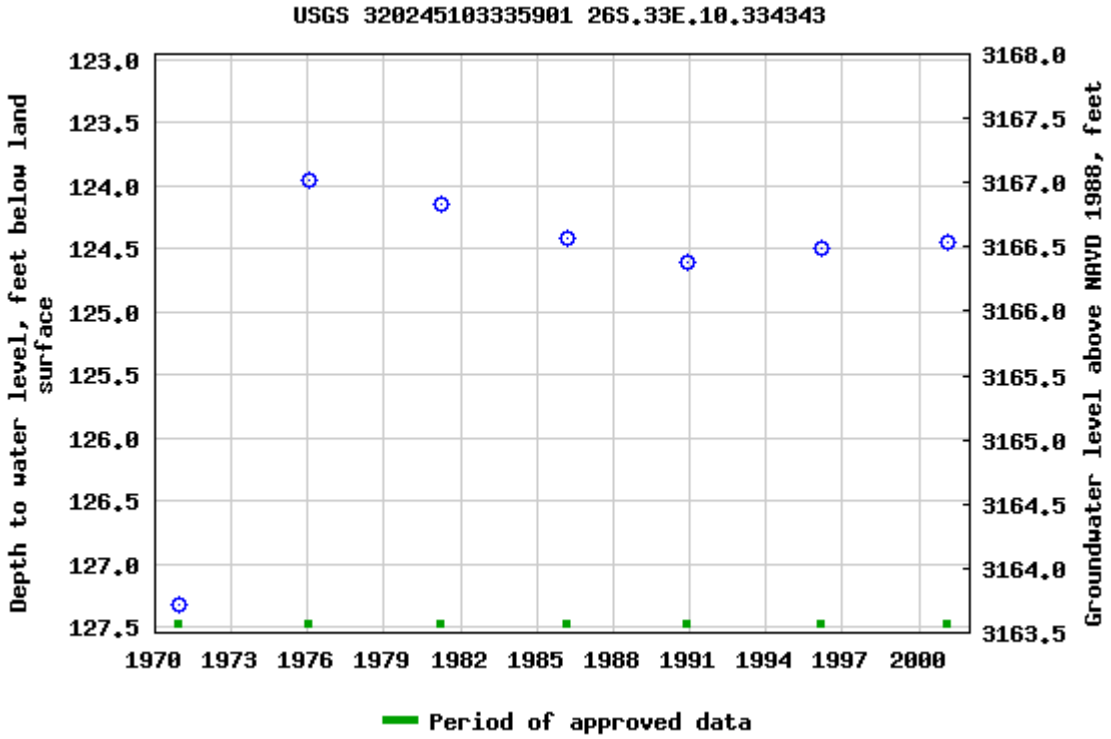
Available data for this site | Groundwater: Field measurements | GO

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



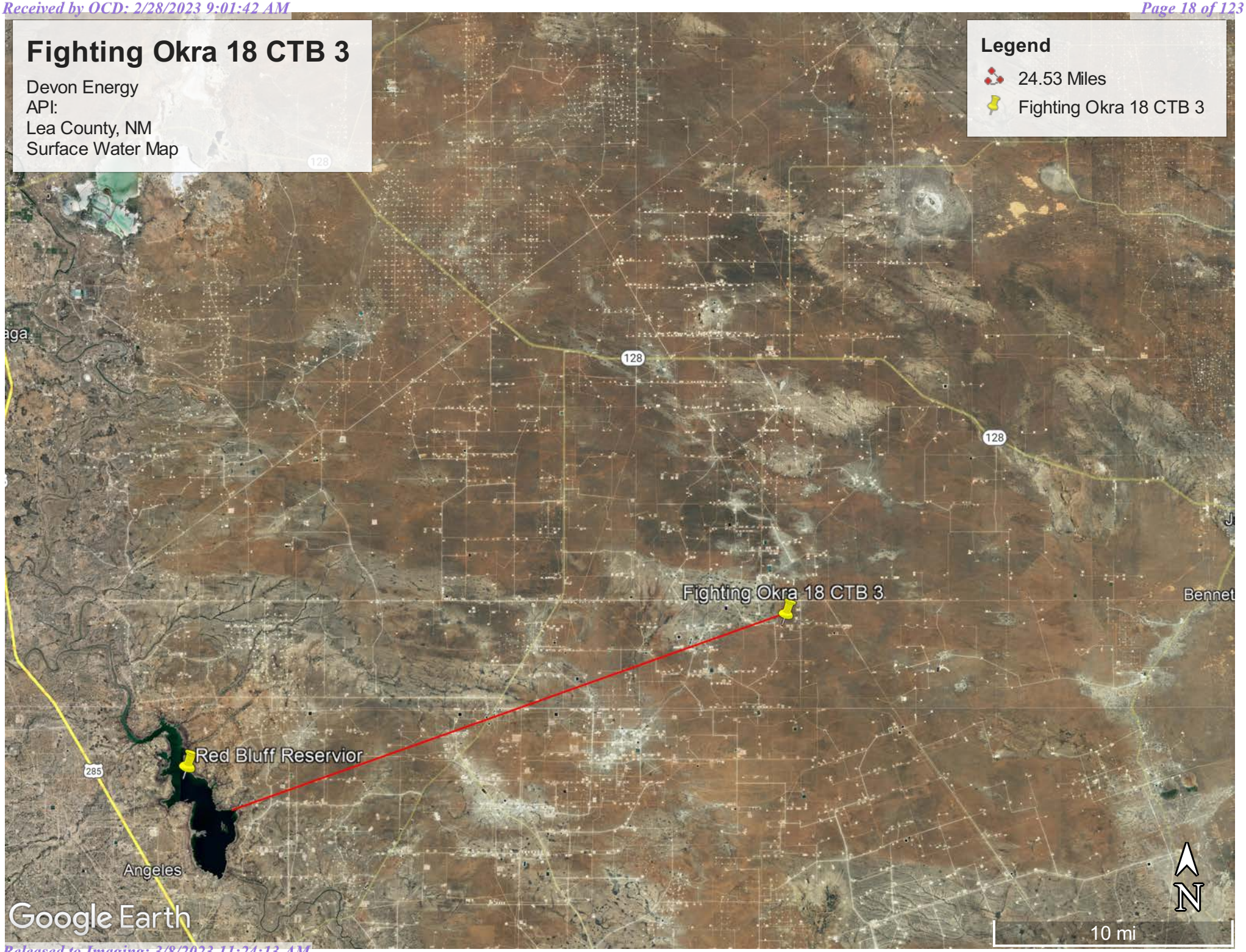
Breaks in the plot represent a gap of at least one year between field measurements.
Download a presentation-quality graph

Questions about sites/data?
Feedback on this web site
Automated retrievals
Help

Data Tips
Explanation of terms
Subscribe for system changes
News

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: 2022-11-17 11:54:35 EST
0.65 0.49 nadww01


Fighting Okra 18 CTB 3
Devon Energy
API:
Lea County, NM
Surface Water Map
Legend
24.53 Miles
Fighting Okra 18 CTB 3
128
128
128
Fighting Okra 18 CTB 3
Red Bluff Reservior
285
Angeles
Google Earth
N
10 mi

Pima Environmental Services

Appendix B

Soil Survey & 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 19, Sep 8, 2022

National Flood Hazard Layer FIRMette

FEMA

103°31'17"W 32°3'15"N

103°30'39"W 32°2'45"N

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

1:6,000

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Legend

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

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

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

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

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

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

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

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 11/17/2022 at 11:55 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

U.S. Fish and Wildlife Service
National Wetlands Inventory

Wetlands Map

November 17, 2022

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

Pima Environmental Services

Appendix C

C-141 Form

48-Hour Notification

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

State of New Mexico
Energy Minerals and Natural Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

Incident ID	nAPP2232043824
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Devon Energy Production Company	OGRID 6137
Contact Name Dale Woodall	Contact Telephone
Contact email Dale.Woodall@dvn.com	Incident # *(assigned by OCD)*
Contact mailing address 6488 Seven Rivers Hwy Artesia, NM 88210	

Location of Release Source

Latitude 32.049599 Longitude -103.516588
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Fighting Okra 18 CTB 3	Site Type Oil
Date Release Discovered 11/16/2022	API# *(if applicable)*

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

Surface Owner: ☐ State ■ Federal ☐ Tribal ☐ Private (*Name:* _____)

Nature and Volume of Release

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

■ Crude Oil	Volume Released (bbls) 6.9 BBLS	Volume Recovered (bbls) 5 BBLS
☐ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)
Cause of Release Leak caused by equipment failure on valve.		

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2232043824
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ■ No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

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.
- ■ The impacted area has been secured to protect human health and the environment.
- ■ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
- ■ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

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

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

Printed Name: Kendra Ruiz Title: EHS Associate

Signature: Kendra Ruiz Date: 11/30/2022

email: Kendra.Ruiz@dvn.com Telephone: 575-748-0167

OCD Only

Received by: Jocelyn Harimon Date: 11/30/2022

Spill Volume(Bbls) Calculator	
Inputs in blue, Outputs in red	
Contaminated Soil measurement	
Area (square feet)	Depth(inches)
717.664	1.000
Cubic Feet of Soil Impacted	59.805
Barrels of Soil Impacted	10.66
Soil Type	Clay/Sand
Barrels of Oil Assuming 100% Saturation	1.60
Saturation	Fluid present with shovel/backhoe
Estimated Barrels of Oil Released	1.60
Free Standing Fluid Only	
Area (square feet)	Depth(inches)
717.664	0.500
Standing fluid	5.330
Total fluids spilled	**6.929**

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

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

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 162629
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jharimon	None	11/30/2022

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2232043824
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	<50 (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☐ Yes ☒ No

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

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

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

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

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2232043824
District RP	
Facility ID	
Application ID	

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

Printed Name: Dale Woodall Title: EHS Professional

Signature: Dale Woodall Date: 2/28/2023

email: dale.woodall@dvn.com Telephone: 405-318-4697

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2232043824
District RP	
Facility ID	
Application ID	

Closure

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

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

[x] A scaled site and sampling diagram as described in 19.15.29.11 NMAC

[x] Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

[x] Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

[x] Description of remediation activities

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

Printed Name: Dale Woodall Title: EHS Professional

Signature: Dale Woodall Date: 2/28/2023

email: dale.woodall@dvn.com Telephone: 405-318-4697

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: Jennifer Nobui Date: 03/08/2023

Printed Name: Jennifer Nobui Title: Environmental Specialist A

Gmail

Gio PimaOil <gio@pimaoil.com>

Confirmation for Sampling NAPP2232043824

1 message

Gio PimaOil <gio@pimaoil.com> Wed, Feb 15, 2023 at 4:29 PM
To: ocdonline@state.nm.us, Tom Pima Oil <tom@pimaoil.com>

Good Afternoon,
Pima Environmental would like to notify you that we will begin collecting confirmation samples at the Fighting Okra 18 CTB 3 for incident NAPP2232043824. *Pima personnel are scheduled to be on site for this sampling event at approximately 9:00 a.m. on Saturday, February 18, 2023. If you have any questions or concerns, please let me know. Thank you.*

--
Gio Gomez
Project Manager
cell-806-782-1151
Office- 575-964-7740
Pima Environmental Services, LLC.

Pima Environmental Services

Appendix D

Photographic Documentation

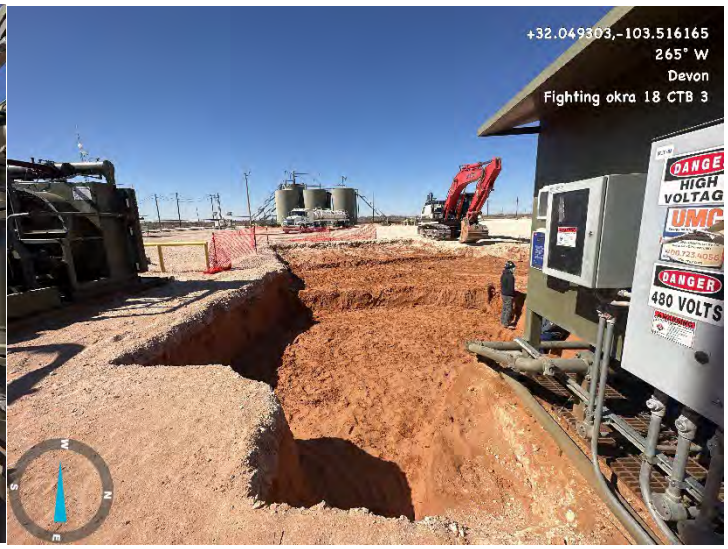
SITE PHOTOGRAPHS
DEVON ENERGY
FIGHTING OKRA 18 CTB 3

Site Assessment


32.04935089N 103.51638593W
Assessment
Fighting Okra CTB 3
Lea county

Excavation


+32.049303,-103.516165
253° W
Devon
Fighting okra 18 CTB 3

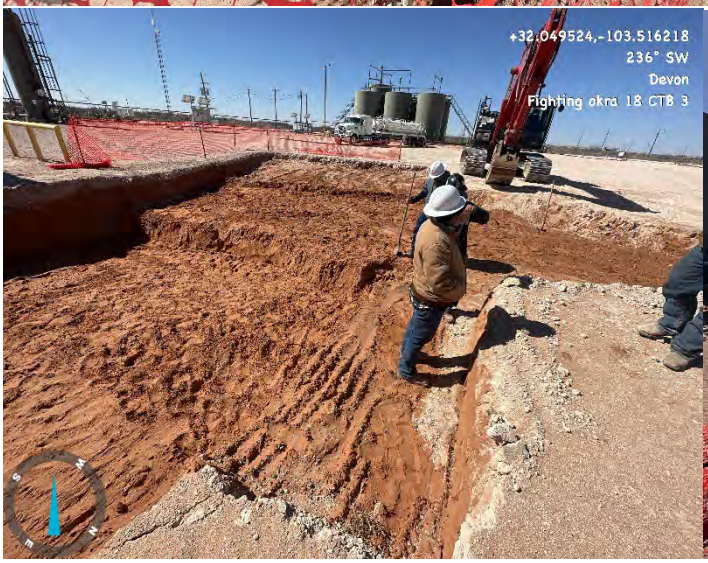

+32.049303,-103.516165
265° W
Devon
Fighting okra 18 CTB 3
DANGER
480 VOLTS


+32.049303,-103.516165
289° W
Devon
Fighting okra 18 CTB 3


+32.049266,-103.516275
295° NW
Devon
Fighting okra 18 CTB 3

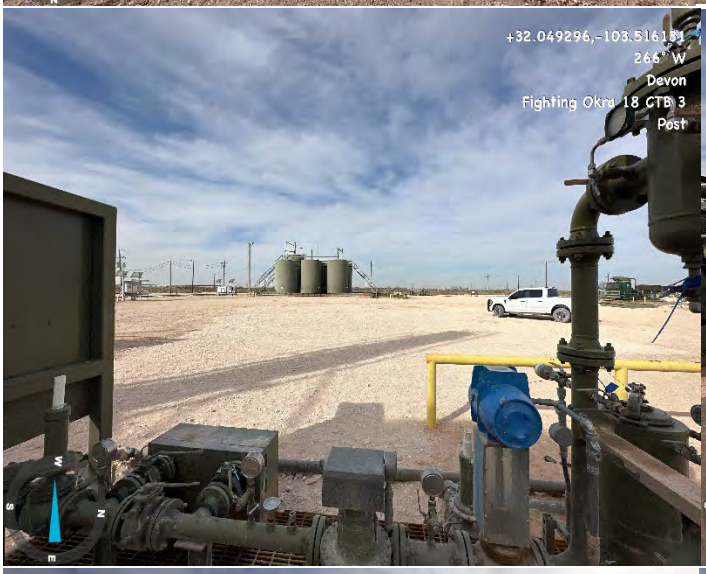

+32.049474,-103.516282
26° NE
Devon
Fighting okra 18 CTB 3

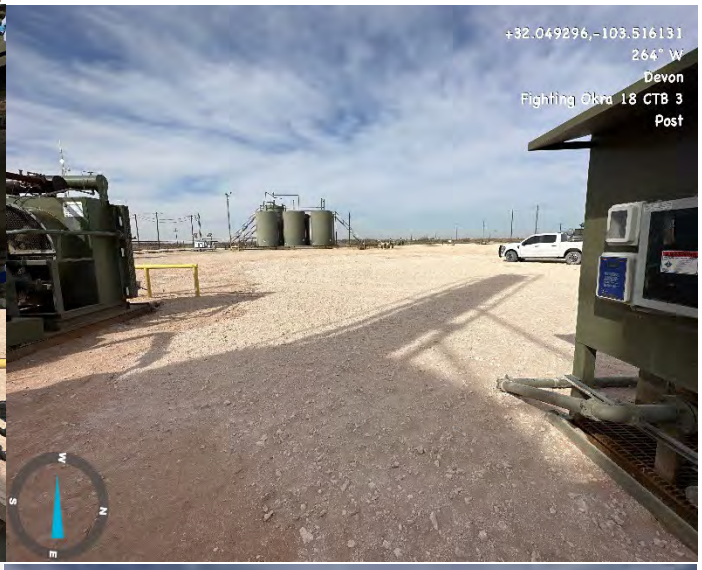

+32.049524,-103.516218
93° E
Devon
Fighting okra 18 CTB 3


+32.049524,-103.516218
236° SW
Devon
Fighting okra 18 CTB 3


+32.138770,-103.591635
183° S
Devon
Fighting okra 18 CTB 3

Post Excavation





Pima Environmental Services

Appendix E

Laboratory Reports

Report to:

Tom Bynum

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 CTB 3
Work Order:	E211125
Job Number:	01058-0007
Received:	11/21/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/29/22

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.
Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 11/29/22

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Fighting Okra 18 CTB 3
Workorder: E211125
Date Received: 11/21/2022 9:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/21/2022 9:00:00AM, under the Project Name: Fighting Okra 18 CTB 3.

The analytical test results summarized in this report with the Project Name: Fighting Okra 18 CTB 3 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

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

Field Offices:

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

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

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 CTB 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/29/22 15:47

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1 1'	E211125-01A	Soil	11/17/22	11/21/22	Glass Jar, 4 oz.
S1 2'	E211125-02A	Soil	11/17/22	11/21/22	Glass Jar, 4 oz.
S1 3'	E211125-03A	Soil	11/17/22	11/21/22	Glass Jar, 4 oz.
S1 4'	E211125-04A	Soil	11/17/22	11/21/22	Glass Jar, 4 oz.
S2 1'	E211125-05A	Soil	11/17/22	11/21/22	Glass Jar, 4 oz.
S2 2'	E211125-06A	Soil	11/17/22	11/21/22	Glass Jar, 4 oz.
S2 3'	E211125-07A	Soil	11/17/22	11/21/22	Glass Jar, 4 oz.
S2 4'	E211125-08A	Soil	11/17/22	11/21/22	Glass Jar, 4 oz.
S3 1'	E211125-09A	Soil	11/17/22	11/21/22	Glass Jar, 4 oz.
S3 2'	E211125-10A	Soil	11/17/22	11/21/22	Glass Jar, 4 oz.
S3 3'	E211125-11A	Soil	11/17/22	11/21/22	Glass Jar, 4 oz.
S3 4'	E211125-12A	Soil	11/17/22	11/21/22	Glass Jar, 4 oz.
S4 1'	E211125-13A	Soil	11/17/22	11/21/22	Glass Jar, 4 oz.
S4 2'	E211125-14A	Soil	11/17/22	11/21/22	Glass Jar, 4 oz.
S4 3'	E211125-15A	Soil	11/17/22	11/21/22	Glass Jar, 4 oz.
S4 4'	E211125-16A	Soil	11/17/22	11/21/22	Glass Jar, 4 oz.
S5 1'	E211125-17A	Soil	11/17/22	11/21/22	Glass Jar, 4 oz.
S5 2'	E211125-18A	Soil	11/17/22	11/21/22	Glass Jar, 4 oz.
S5 3'	E211125-19A	Soil	11/17/22	11/21/22	Glass Jar, 4 oz.
S5 4'	E211125-20A	Soil	11/17/22	11/21/22	Glass Jar, 4 oz.
SW1	E211125-21A	Soil	11/17/22	11/21/22	Glass Jar, 4 oz.
SW2	E211125-22A	Soil	11/17/22	11/21/22	Glass Jar, 4 oz.
SW3	E211125-23A	Soil	11/17/22	11/21/22	Glass Jar, 4 oz.
SW4	E211125-24A	Soil	11/17/22	11/21/22	Glass Jar, 4 oz.
BG1	E211125-25A	Soil	11/17/22	11/21/22	Glass Jar, 4 oz.
BG2	E211125-26A	Soil	11/17/22	11/21/22	Glass Jar, 4 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/29/2022 3:47:49PM

S1 1'

E211125-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2248021
Benzene	ND	0.0250	1	11/21/22	11/22/22	
Ethylbenzene	**0.134**	0.0250	1	11/21/22	11/22/22	
Toluene	ND	0.0250	1	11/21/22	11/22/22	
o-Xylene	**0.590**	0.0250	1	11/21/22	11/22/22	
p,m-Xylene	**1.36**	0.0500	1	11/21/22	11/22/22	
Total Xylenes	**1.95**	0.0250	1	11/21/22	11/22/22	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*11/21/22*	*11/22/22*	
Surrogate: 1,2-Dichloroethane-d4		*113 %*	*70-130*	*11/21/22*	*11/22/22*	
Surrogate: Toluene-d8		*97.4 %*	*70-130*	*11/21/22*	*11/22/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2248021
Gasoline Range Organics (C6-C10)	**125**	20.0	1	11/21/22	11/22/22	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*11/21/22*	*11/22/22*	
Surrogate: 1,2-Dichloroethane-d4		*113 %*	*70-130*	*11/21/22*	*11/22/22*	
Surrogate: Toluene-d8		*97.4 %*	*70-130*	*11/21/22*	*11/22/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2248024
Diesel Range Organics (C10-C28)	**2390**	25.0	1	11/21/22	11/24/22	
Oil Range Organics (C28-C36)	**656**	50.0	1	11/21/22	11/24/22	
Surrogate: n-Nonane		*131 %*	*50-200*	*11/21/22*	*11/24/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2248044
Chloride	**36.0**	20.0	1	11/22/22	11/28/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/29/2022 3:47:49PM

S1 2'

E211125-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2248021
Benzene	ND	0.0250	1	11/21/22	11/22/22	
Ethylbenzene	**0.244**	0.0250	1	11/21/22	11/22/22	
Toluene	**0.249**	0.0250	1	11/21/22	11/22/22	
o-Xylene	**1.01**	0.0250	1	11/21/22	11/22/22	
p,m-Xylene	**2.37**	0.0500	1	11/21/22	11/22/22	
Total Xylenes	**3.39**	0.0250	1	11/21/22	11/22/22	
Surrogate: Bromofluorobenzene		*120 %*	*70-130*	*11/21/22*	*11/22/22*	
Surrogate: 1,2-Dichloroethane-d4		*110 %*	*70-130*	*11/21/22*	*11/22/22*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*11/21/22*	*11/22/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2248021
Gasoline Range Organics (C6-C10)	**184**	20.0	1	11/21/22	11/22/22	
Surrogate: Bromofluorobenzene		*120 %*	*70-130*	*11/21/22*	*11/22/22*	
Surrogate: 1,2-Dichloroethane-d4		*110 %*	*70-130*	*11/21/22*	*11/22/22*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*11/21/22*	*11/22/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2248024
Diesel Range Organics (C10-C28)	**2950**	25.0	1	11/21/22	11/29/22	
Oil Range Organics (C28-C36)	**935**	50.0	1	11/21/22	11/29/22	
Surrogate: n-Nonane		*122 %*	*50-200*	*11/21/22*	*11/29/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2248044
Chloride	**140**	20.0	1	11/22/22	11/29/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/29/2022 3:47:49PM

S1 3'

E211125-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2248021
Benzene	ND	0.0250	1	11/21/22	11/22/22	
Ethylbenzene	ND	0.0250	1	11/21/22	11/22/22	
Toluene	ND	0.0250	1	11/21/22	11/22/22	
o-Xylene	ND	0.0250	1	11/21/22	11/22/22	
p,m-Xylene	ND	0.0500	1	11/21/22	11/22/22	
Total Xylenes	ND	0.0250	1	11/21/22	11/22/22	
Surrogate: Bromofluorobenzene		*105 %*	*70-130*	*11/21/22*	*11/22/22*	
Surrogate: 1,2-Dichloroethane-d4		*112 %*	*70-130*	*11/21/22*	*11/22/22*	
Surrogate: Toluene-d8		*93.1 %*	*70-130*	*11/21/22*	*11/22/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2248021
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/22	11/22/22	
Surrogate: Bromofluorobenzene		*105 %*	*70-130*	*11/21/22*	*11/22/22*	
Surrogate: 1,2-Dichloroethane-d4		*112 %*	*70-130*	*11/21/22*	*11/22/22*	
Surrogate: Toluene-d8		*93.1 %*	*70-130*	*11/21/22*	*11/22/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2248024
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/22	11/24/22	
Surrogate: n-Nonane		*113 %*	*50-200*	*11/21/22*	*11/24/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2248044
Chloride	ND	20.0	1	11/22/22	11/29/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/29/2022 3:47:49PM

S1 4'

E211125-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2248021
Benzene	ND	0.0250	1	11/21/22	11/22/22	
Ethylbenzene	ND	0.0250	1	11/21/22	11/22/22	
Toluene	ND	0.0250	1	11/21/22	11/22/22	
o-Xylene	ND	0.0250	1	11/21/22	11/22/22	
p,m-Xylene	ND	0.0500	1	11/21/22	11/22/22	
Total Xylenes	ND	0.0250	1	11/21/22	11/22/22	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*11/21/22*	*11/22/22*	
Surrogate: 1,2-Dichloroethane-d4		*119 %*	*70-130*	*11/21/22*	*11/22/22*	
Surrogate: Toluene-d8		*93.1 %*	*70-130*	*11/21/22*	*11/22/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2248021
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/22	11/22/22	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*11/21/22*	*11/22/22*	
Surrogate: 1,2-Dichloroethane-d4		*119 %*	*70-130*	*11/21/22*	*11/22/22*	
Surrogate: Toluene-d8		*93.1 %*	*70-130*	*11/21/22*	*11/22/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2248024
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/22	11/24/22	
Surrogate: n-Nonane		*114 %*	*50-200*	*11/21/22*	*11/24/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2248044
Chloride	ND	20.0	1	11/22/22	11/29/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/29/2022 3:47:49PM

S2 1'

E211125-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2248021
Benzene	ND	0.0250	1	11/21/22	11/22/22	
Ethylbenzene	ND	0.0250	1	11/21/22	11/22/22	
Toluene	**0.0320**	0.0250	1	11/21/22	11/22/22	
o-Xylene	**0.0825**	0.0250	1	11/21/22	11/22/22	
p,m-Xylene	**0.193**	0.0500	1	11/21/22	11/22/22	
Total Xylenes	**0.276**	0.0250	1	11/21/22	11/22/22	
Surrogate: Bromofluorobenzene		*108 %*	*70-130*	*11/21/22*	*11/22/22*	
Surrogate: 1,2-Dichloroethane-d4		*116 %*	*70-130*	*11/21/22*	*11/22/22*	
Surrogate: Toluene-d8		*95.1 %*	*70-130*	*11/21/22*	*11/22/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2248021
Gasoline Range Organics (C6-C10)	**29.0**	20.0	1	11/21/22	11/22/22	
Surrogate: Bromofluorobenzene		*108 %*	*70-130*	*11/21/22*	*11/22/22*	
Surrogate: 1,2-Dichloroethane-d4		*116 %*	*70-130*	*11/21/22*	*11/22/22*	
Surrogate: Toluene-d8		*95.1 %*	*70-130*	*11/21/22*	*11/22/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2248024
Diesel Range Organics (C10-C28)	**3650**	25.0	1	11/21/22	11/24/22	
Oil Range Organics (C28-C36)	**1120**	50.0	1	11/21/22	11/24/22	
Surrogate: n-Nonane		*121 %*	*50-200*	*11/21/22*	*11/24/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2248044
Chloride	ND	20.0	1	11/22/22	11/29/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/29/2022 3:47:49PM

S2 2'

E211125-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2248021
Benzene	ND	0.0250	1	11/21/22	11/22/22	
Ethylbenzene	ND	0.0250	1	11/21/22	11/22/22	
Toluene	ND	0.0250	1	11/21/22	11/22/22	
o-Xylene	ND	0.0250	1	11/21/22	11/22/22	
p,m-Xylene	ND	0.0500	1	11/21/22	11/22/22	
Total Xylenes	ND	0.0250	1	11/21/22	11/22/22	
Surrogate: Bromofluorobenzene		*105 %*	*70-130*	*11/21/22*	*11/22/22*	
Surrogate: 1,2-Dichloroethane-d4		*115 %*	*70-130*	*11/21/22*	*11/22/22*	
Surrogate: Toluene-d8		*94.0 %*	*70-130*	*11/21/22*	*11/22/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2248021
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/22	11/22/22	
Surrogate: Bromofluorobenzene		*105 %*	*70-130*	*11/21/22*	*11/22/22*	
Surrogate: 1,2-Dichloroethane-d4		*115 %*	*70-130*	*11/21/22*	*11/22/22*	
Surrogate: Toluene-d8		*94.0 %*	*70-130*	*11/21/22*	*11/22/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2248024
Diesel Range Organics (C10-C28)	**357**	25.0	1	11/21/22	11/29/22	
Oil Range Organics (C28-C36)	**130**	50.0	1	11/21/22	11/29/22	
Surrogate: n-Nonane		*107 %*	*50-200*	*11/21/22*	*11/29/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2248044
Chloride	ND	20.0	1	11/22/22	11/29/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/29/2022 3:47:49PM

S2 3'

E211125-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2248021
Benzene	ND	0.0250	1	11/21/22	11/22/22	
Ethylbenzene	ND	0.0250	1	11/21/22	11/22/22	
Toluene	ND	0.0250	1	11/21/22	11/22/22	
o-Xylene	ND	0.0250	1	11/21/22	11/22/22	
p,m-Xylene	ND	0.0500	1	11/21/22	11/22/22	
Total Xylenes	ND	0.0250	1	11/21/22	11/22/22	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*11/21/22*	*11/22/22*	
Surrogate: 1,2-Dichloroethane-d4		*116 %*	*70-130*	*11/21/22*	*11/22/22*	
Surrogate: Toluene-d8		*92.6 %*	*70-130*	*11/21/22*	*11/22/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2248021
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/22	11/22/22	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*11/21/22*	*11/22/22*	
Surrogate: 1,2-Dichloroethane-d4		*116 %*	*70-130*	*11/21/22*	*11/22/22*	
Surrogate: Toluene-d8		*92.6 %*	*70-130*	*11/21/22*	*11/22/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2248024
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/22	11/24/22	
Surrogate: n-Nonane		*112 %*	*50-200*	*11/21/22*	*11/24/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2248044
Chloride	ND	20.0	1	11/22/22	11/29/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/29/2022 3:47:49PM

S2 4'

E211125-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2248021
Benzene	ND	0.0250	1	11/21/22	11/22/22	
Ethylbenzene	ND	0.0250	1	11/21/22	11/22/22	
Toluene	ND	0.0250	1	11/21/22	11/22/22	
o-Xylene	ND	0.0250	1	11/21/22	11/22/22	
p,m-Xylene	ND	0.0500	1	11/21/22	11/22/22	
Total Xylenes	ND	0.0250	1	11/21/22	11/22/22	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*11/21/22*	*11/22/22*	
Surrogate: 1,2-Dichloroethane-d4		*118 %*	*70-130*	*11/21/22*	*11/22/22*	
Surrogate: Toluene-d8		*94.8 %*	*70-130*	*11/21/22*	*11/22/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2248021
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/22	11/22/22	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*11/21/22*	*11/22/22*	
Surrogate: 1,2-Dichloroethane-d4		*118 %*	*70-130*	*11/21/22*	*11/22/22*	
Surrogate: Toluene-d8		*94.8 %*	*70-130*	*11/21/22*	*11/22/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2248024
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/22	11/24/22	
Surrogate: n-Nonane		*112 %*	*50-200*	*11/21/22*	*11/24/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2248044
Chloride	ND	20.0	1	11/22/22	11/29/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/29/2022 3:47:49PM

S3 1'

E211125-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2248021
Benzene	ND	0.0250	1	11/21/22	11/23/22	
Ethylbenzene	**0.0290**	0.0250	1	11/21/22	11/23/22	
Toluene	ND	0.0250	1	11/21/22	11/23/22	
o-Xylene	**0.110**	0.0250	1	11/21/22	11/23/22	
p,m-Xylene	**0.259**	0.0500	1	11/21/22	11/23/22	
Total Xylenes	**0.369**	0.0250	1	11/21/22	11/23/22	
Surrogate: Bromofluorobenzene		*107 %*	*70-130*	*11/21/22*	*11/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*109 %*	*70-130*	*11/21/22*	*11/23/22*	
Surrogate: Toluene-d8		*96.1 %*	*70-130*	*11/21/22*	*11/23/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2248021
Gasoline Range Organics (C6-C10)	**47.7**	20.0	1	11/21/22	11/23/22	
Surrogate: Bromofluorobenzene		*107 %*	*70-130*	*11/21/22*	*11/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*109 %*	*70-130*	*11/21/22*	*11/23/22*	
Surrogate: Toluene-d8		*96.1 %*	*70-130*	*11/21/22*	*11/23/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2248024
Diesel Range Organics (C10-C28)	**2600**	25.0	1	11/21/22	11/24/22	
Oil Range Organics (C28-C36)	**669**	50.0	1	11/21/22	11/24/22	
Surrogate: n-Nonane		*130 %*	*50-200*	*11/21/22*	*11/24/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2248044
Chloride	ND	20.0	1	11/22/22	11/29/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/29/2022 3:47:49PM

S3 2'

E211125-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2248021
Benzene	ND	0.0250	1	11/21/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/21/22	11/23/22	
Toluene	ND	0.0250	1	11/21/22	11/23/22	
o-Xylene	ND	0.0250	1	11/21/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/21/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/21/22	11/23/22	
Surrogate: Bromofluorobenzene		*107 %*	*70-130*	*11/21/22*	*11/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*11/21/22*	*11/23/22*	
Surrogate: Toluene-d8		*96.6 %*	*70-130*	*11/21/22*	*11/23/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2248021
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/22	11/23/22	
Surrogate: Bromofluorobenzene		*107 %*	*70-130*	*11/21/22*	*11/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*11/21/22*	*11/23/22*	
Surrogate: Toluene-d8		*96.6 %*	*70-130*	*11/21/22*	*11/23/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2248024
Diesel Range Organics (C10-C28)	**299**	25.0	1	11/21/22	11/29/22	
Oil Range Organics (C28-C36)	**120**	50.0	1	11/21/22	11/29/22	
Surrogate: n-Nonane		*106 %*	*50-200*	*11/21/22*	*11/29/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2248044
Chloride	ND	20.0	1	11/22/22	11/29/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/29/2022 3:47:49PM

S3 3'

E211125-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2248021
Benzene	ND	0.0250	1	11/21/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/21/22	11/23/22	
Toluene	ND	0.0250	1	11/21/22	11/23/22	
o-Xylene	ND	0.0250	1	11/21/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/21/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/21/22	11/23/22	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*11/21/22*	*11/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*11/21/22*	*11/23/22*	
Surrogate: Toluene-d8		*96.3 %*	*70-130*	*11/21/22*	*11/23/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2248021
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/22	11/23/22	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*11/21/22*	*11/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*11/21/22*	*11/23/22*	
Surrogate: Toluene-d8		*96.3 %*	*70-130*	*11/21/22*	*11/23/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2248024
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/22	11/24/22	
Surrogate: n-Nonane		*112 %*	*50-200*	*11/21/22*	*11/24/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2248044
Chloride	ND	20.0	1	11/22/22	11/29/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/29/2022 3:47:49PM

S3 4'

E211125-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2248021
Benzene	ND	0.0250	1	11/21/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/21/22	11/23/22	
Toluene	ND	0.0250	1	11/21/22	11/23/22	
o-Xylene	ND	0.0250	1	11/21/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/21/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/21/22	11/23/22	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*11/21/22*	*11/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*11/21/22*	*11/23/22*	
Surrogate: Toluene-d8		*95.7 %*	*70-130*	*11/21/22*	*11/23/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2248021
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/22	11/23/22	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*11/21/22*	*11/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*11/21/22*	*11/23/22*	
Surrogate: Toluene-d8		*95.7 %*	*70-130*	*11/21/22*	*11/23/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2248024
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/22	11/24/22	
Surrogate: n-Nonane		*113 %*	*50-200*	*11/21/22*	*11/24/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2248044
Chloride	ND	20.0	1	11/22/22	11/29/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/29/2022 3:47:49PM

S4 1'

E211125-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2248021
Benzene	ND	0.0250	1	11/21/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/21/22	11/23/22	
Toluene	ND	0.0250	1	11/21/22	11/23/22	
o-Xylene	ND	0.0250	1	11/21/22	11/23/22	
p,m-Xylene	**0.0905**	0.0500	1	11/21/22	11/23/22	
Total Xylenes	**0.0905**	0.0250	1	11/21/22	11/23/22	
Surrogate: Bromofluorobenzene		*109 %*	*70-130*	*11/21/22*	*11/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*70-130*	*11/21/22*	*11/23/22*	
Surrogate: Toluene-d8		*95.7 %*	*70-130*	*11/21/22*	*11/23/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2248021
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/22	11/23/22	
Surrogate: Bromofluorobenzene		*109 %*	*70-130*	*11/21/22*	*11/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*70-130*	*11/21/22*	*11/23/22*	
Surrogate: Toluene-d8		*95.7 %*	*70-130*	*11/21/22*	*11/23/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2248024
Diesel Range Organics (C10-C28)	**393**	25.0	1	11/21/22	11/24/22	
Oil Range Organics (C28-C36)	**116**	50.0	1	11/21/22	11/24/22	
Surrogate: n-Nonane		*114 %*	*50-200*	*11/21/22*	*11/24/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2248044
Chloride	ND	20.0	1	11/22/22	11/29/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/29/2022 3:47:49PM

S4 2'

E211125-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2248021
Benzene	ND	0.0250	1	11/21/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/21/22	11/23/22	
Toluene	ND	0.0250	1	11/21/22	11/23/22	
o-Xylene	ND	0.0250	1	11/21/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/21/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/21/22	11/23/22	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*11/21/22*	*11/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*70-130*	*11/21/22*	*11/23/22*	
Surrogate: Toluene-d8		*95.8 %*	*70-130*	*11/21/22*	*11/23/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2248021
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/22	11/23/22	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*11/21/22*	*11/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*70-130*	*11/21/22*	*11/23/22*	
Surrogate: Toluene-d8		*95.8 %*	*70-130*	*11/21/22*	*11/23/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2248024
Diesel Range Organics (C10-C28)	**154**	25.0	1	11/21/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/22	11/24/22	
Surrogate: n-Nonane		*113 %*	*50-200*	*11/21/22*	*11/24/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2248044
Chloride	ND	20.0	1	11/22/22	11/29/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/29/2022 3:47:49PM

S4 3'

E211125-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2248021
Benzene	ND	0.0250	1	11/21/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/21/22	11/23/22	
Toluene	ND	0.0250	1	11/21/22	11/23/22	
o-Xylene	ND	0.0250	1	11/21/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/21/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/21/22	11/23/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*11/21/22*	*11/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*11/21/22*	*11/23/22*	
Surrogate: Toluene-d8		*93.2 %*	*70-130*	*11/21/22*	*11/23/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2248021
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/22	11/23/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*11/21/22*	*11/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*11/21/22*	*11/23/22*	
Surrogate: Toluene-d8		*93.2 %*	*70-130*	*11/21/22*	*11/23/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2248024
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/22	11/24/22	
Surrogate: n-Nonane		*116 %*	*50-200*	*11/21/22*	*11/24/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2248044
Chloride	ND	20.0	1	11/22/22	11/29/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/29/2022 3:47:49PM

S4 4'

E211125-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2248021
Benzene	ND	0.0250	1	11/21/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/21/22	11/23/22	
Toluene	ND	0.0250	1	11/21/22	11/23/22	
o-Xylene	ND	0.0250	1	11/21/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/21/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/21/22	11/23/22	
Surrogate: Bromofluorobenzene		*105 %*	*70-130*	*11/21/22*	*11/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*112 %*	*70-130*	*11/21/22*	*11/23/22*	
Surrogate: Toluene-d8		*96.3 %*	*70-130*	*11/21/22*	*11/23/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2248021
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/22	11/23/22	
Surrogate: Bromofluorobenzene		*105 %*	*70-130*	*11/21/22*	*11/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*112 %*	*70-130*	*11/21/22*	*11/23/22*	
Surrogate: Toluene-d8		*96.3 %*	*70-130*	*11/21/22*	*11/23/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2248024
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/22	11/24/22	
Surrogate: n-Nonane		*113 %*	*50-200*	*11/21/22*	*11/24/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2248044
Chloride	ND	20.0	1	11/22/22	11/29/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/29/2022 3:47:49PM

S5 1'

E211125-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2248021
Benzene	ND	0.0250	1	11/21/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/21/22	11/23/22	
Toluene	ND	0.0250	1	11/21/22	11/23/22	
o-Xylene	**0.107**	0.0250	1	11/21/22	11/23/22	
p,m-Xylene	**0.236**	0.0500	1	11/21/22	11/23/22	
Total Xylenes	**0.343**	0.0250	1	11/21/22	11/23/22	
Surrogate: Bromofluorobenzene		*108 %*	*70-130*	*11/21/22*	*11/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*109 %*	*70-130*	*11/21/22*	*11/23/22*	
Surrogate: Toluene-d8		*94.9 %*	*70-130*	*11/21/22*	*11/23/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2248021
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/22	11/23/22	
Surrogate: Bromofluorobenzene		*108 %*	*70-130*	*11/21/22*	*11/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*109 %*	*70-130*	*11/21/22*	*11/23/22*	
Surrogate: Toluene-d8		*94.9 %*	*70-130*	*11/21/22*	*11/23/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2248024
Diesel Range Organics (C10-C28)	**246**	25.0	1	11/21/22	11/24/22	
Oil Range Organics (C28-C36)	**128**	50.0	1	11/21/22	11/24/22	
Surrogate: n-Nonane		*113 %*	*50-200*	*11/21/22*	*11/24/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2248044
Chloride	**41.5**	20.0	1	11/22/22	11/29/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/29/2022 3:47:49PM

S5 2'

E211125-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2248021
Benzene	ND	0.0250	1	11/21/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/21/22	11/23/22	
Toluene	ND	0.0250	1	11/21/22	11/23/22	
o-Xylene	**0.0670**	0.0250	1	11/21/22	11/23/22	
p,m-Xylene	**0.149**	0.0500	1	11/21/22	11/23/22	
Total Xylenes	**0.216**	0.0250	1	11/21/22	11/23/22	
Surrogate: Bromofluorobenzene		*105 %*	*70-130*	*11/21/22*	*11/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*11/21/22*	*11/23/22*	
Surrogate: Toluene-d8		*93.3 %*	*70-130*	*11/21/22*	*11/23/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2248021
Gasoline Range Organics (C6-C10)	**23.4**	20.0	1	11/21/22	11/23/22	
Surrogate: Bromofluorobenzene		*105 %*	*70-130*	*11/21/22*	*11/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*11/21/22*	*11/23/22*	
Surrogate: Toluene-d8		*93.3 %*	*70-130*	*11/21/22*	*11/23/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2248024
Diesel Range Organics (C10-C28)	**1040**	25.0	1	11/21/22	11/24/22	
Oil Range Organics (C28-C36)	**298**	50.0	1	11/21/22	11/24/22	
Surrogate: n-Nonane		*116 %*	*50-200*	*11/21/22*	*11/24/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2248044
Chloride	ND	20.0	1	11/22/22	11/29/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/29/2022 3:47:49PM

S5 3'

E211125-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2248021
Benzene	ND	0.0250	1	11/21/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/21/22	11/23/22	
Toluene	ND	0.0250	1	11/21/22	11/23/22	
o-Xylene	ND	0.0250	1	11/21/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/21/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/21/22	11/23/22	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*11/21/22*	*11/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*70-130*	*11/21/22*	*11/23/22*	
Surrogate: Toluene-d8		*95.7 %*	*70-130*	*11/21/22*	*11/23/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2248021
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/22	11/23/22	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*11/21/22*	*11/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*70-130*	*11/21/22*	*11/23/22*	
Surrogate: Toluene-d8		*95.7 %*	*70-130*	*11/21/22*	*11/23/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2248024
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/22	11/24/22	
Surrogate: n-Nonane		*114 %*	*50-200*	*11/21/22*	*11/24/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2248044
Chloride	ND	20.0	1	11/22/22	11/29/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/29/2022 3:47:49PM

S5 4'

E211125-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2248021
Benzene	ND	0.0250	1	11/21/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/21/22	11/23/22	
Toluene	ND	0.0250	1	11/21/22	11/23/22	
o-Xylene	ND	0.0250	1	11/21/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/21/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/21/22	11/23/22	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*11/21/22*	*11/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*11/21/22*	*11/23/22*	
Surrogate: Toluene-d8		*94.4 %*	*70-130*	*11/21/22*	*11/23/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2248021
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/22	11/23/22	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*11/21/22*	*11/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*11/21/22*	*11/23/22*	
Surrogate: Toluene-d8		*94.4 %*	*70-130*	*11/21/22*	*11/23/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2248024
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/22	11/24/22	
Surrogate: n-Nonane		*116 %*	*50-200*	*11/21/22*	*11/24/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2248044
Chloride	ND	20.0	1	11/22/22	11/29/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/29/2022 3:47:49PM

SW1

E211125-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2248022
Benzene	ND	0.0250	1	11/21/22	11/22/22	
Ethylbenzene	ND	0.0250	1	11/21/22	11/22/22	
Toluene	ND	0.0250	1	11/21/22	11/22/22	
o-Xylene	ND	0.0250	1	11/21/22	11/22/22	
p,m-Xylene	ND	0.0500	1	11/21/22	11/22/22	
Total Xylenes	ND	0.0250	1	11/21/22	11/22/22	
Surrogate: Bromofluorobenzene		*95.8 %*	*70-130*	*11/21/22*	*11/22/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.9 %*	*70-130*	*11/21/22*	*11/22/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*11/21/22*	*11/22/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2248022
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/22	11/22/22	
Surrogate: Bromofluorobenzene		*95.8 %*	*70-130*	*11/21/22*	*11/22/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.9 %*	*70-130*	*11/21/22*	*11/22/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*11/21/22*	*11/22/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2248038
Diesel Range Organics (C10-C28)	ND	25.0	1	11/22/22	11/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/22/22	11/22/22	
Surrogate: n-Nonane		*87.7 %*	*50-200*	*11/22/22*	*11/22/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2248045
Chloride	ND	20.0	1	11/22/22	11/23/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/29/2022 3:47:49PM

SW2

E211125-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2248022
Benzene	ND	0.0250	1	11/21/22	11/22/22	
Ethylbenzene	ND	0.0250	1	11/21/22	11/22/22	
Toluene	ND	0.0250	1	11/21/22	11/22/22	
o-Xylene	ND	0.0250	1	11/21/22	11/22/22	
p,m-Xylene	ND	0.0500	1	11/21/22	11/22/22	
Total Xylenes	ND	0.0250	1	11/21/22	11/22/22	
Surrogate: Bromofluorobenzene		*95.8 %*	*70-130*	*11/21/22*	*11/22/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.9 %*	*70-130*	*11/21/22*	*11/22/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*11/21/22*	*11/22/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2248022
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/22	11/22/22	
Surrogate: Bromofluorobenzene		*95.8 %*	*70-130*	*11/21/22*	*11/22/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.9 %*	*70-130*	*11/21/22*	*11/22/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*11/21/22*	*11/22/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2248038
Diesel Range Organics (C10-C28)	ND	25.0	1	11/22/22	11/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/22/22	11/22/22	
Surrogate: n-Nonane		*89.4 %*	*50-200*	*11/22/22*	*11/22/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2248045
Chloride	ND	20.0	1	11/22/22	11/23/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/29/2022 3:47:49PM

SW3

E211125-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2248022
Benzene	ND	0.0250	1	11/21/22	11/22/22	
Ethylbenzene	ND	0.0250	1	11/21/22	11/22/22	
Toluene	ND	0.0250	1	11/21/22	11/22/22	
o-Xylene	ND	0.0250	1	11/21/22	11/22/22	
p,m-Xylene	ND	0.0500	1	11/21/22	11/22/22	
Total Xylenes	ND	0.0250	1	11/21/22	11/22/22	
Surrogate: Bromofluorobenzene		*97.1 %*	*70-130*	*11/21/22*	*11/22/22*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*11/21/22*	*11/22/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*11/21/22*	*11/22/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2248022
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/22	11/22/22	
Surrogate: Bromofluorobenzene		*97.1 %*	*70-130*	*11/21/22*	*11/22/22*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*11/21/22*	*11/22/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*11/21/22*	*11/22/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2248038
Diesel Range Organics (C10-C28)	ND	25.0	1	11/22/22	11/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/22/22	11/22/22	
Surrogate: n-Nonane		*90.2 %*	*50-200*	*11/22/22*	*11/22/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2248045
Chloride	ND	20.0	1	11/22/22	11/23/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/29/2022 3:47:49PM

SW4

E211125-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2248022
Benzene	ND	0.0250	1	11/21/22	11/22/22	
Ethylbenzene	ND	0.0250	1	11/21/22	11/22/22	
Toluene	ND	0.0250	1	11/21/22	11/22/22	
o-Xylene	ND	0.0250	1	11/21/22	11/22/22	
p,m-Xylene	ND	0.0500	1	11/21/22	11/22/22	
Total Xylenes	ND	0.0250	1	11/21/22	11/22/22	
Surrogate: Bromofluorobenzene		*99.3 %*	*70-130*	*11/21/22*	*11/22/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*11/21/22*	*11/22/22*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*11/21/22*	*11/22/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2248022
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/22	11/22/22	
Surrogate: Bromofluorobenzene		*99.3 %*	*70-130*	*11/21/22*	*11/22/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*11/21/22*	*11/22/22*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*11/21/22*	*11/22/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2248038
Diesel Range Organics (C10-C28)	ND	25.0	1	11/22/22	11/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/22/22	11/22/22	
Surrogate: n-Nonane		*90.0 %*	*50-200*	*11/22/22*	*11/22/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2248045
Chloride	ND	20.0	1	11/22/22	11/23/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/29/2022 3:47:49PM

BG1

E211125-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2248022
Benzene	ND	0.0250	1	11/21/22	11/22/22	
Ethylbenzene	ND	0.0250	1	11/21/22	11/22/22	
Toluene	ND	0.0250	1	11/21/22	11/22/22	
o-Xylene	ND	0.0250	1	11/21/22	11/22/22	
p,m-Xylene	ND	0.0500	1	11/21/22	11/22/22	
Total Xylenes	ND	0.0250	1	11/21/22	11/22/22	
Surrogate: Bromofluorobenzene		*95.2 %*	*70-130*	*11/21/22*	*11/22/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.6 %*	*70-130*	*11/21/22*	*11/22/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*11/21/22*	*11/22/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2248022
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/22	11/22/22	
Surrogate: Bromofluorobenzene		*95.2 %*	*70-130*	*11/21/22*	*11/22/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.6 %*	*70-130*	*11/21/22*	*11/22/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*11/21/22*	*11/22/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2248038
Diesel Range Organics (C10-C28)	ND	25.0	1	11/22/22	11/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/22/22	11/22/22	
Surrogate: n-Nonane		*87.7 %*	*50-200*	*11/22/22*	*11/22/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2248045
Chloride	ND	20.0	1	11/22/22	11/23/22	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/29/2022 3:47:49PM

BG2

E211125-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2248022
Benzene	ND	0.0250	1	11/21/22	11/22/22	
Ethylbenzene	ND	0.0250	1	11/21/22	11/22/22	
Toluene	ND	0.0250	1	11/21/22	11/22/22	
o-Xylene	ND	0.0250	1	11/21/22	11/22/22	
p,m-Xylene	ND	0.0500	1	11/21/22	11/22/22	
Total Xylenes	ND	0.0250	1	11/21/22	11/22/22	
Surrogate: Bromofluorobenzene		*95.9 %*	*70-130*	*11/21/22*	*11/22/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.4 %*	*70-130*	*11/21/22*	*11/22/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*11/21/22*	*11/22/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2248022
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/21/22	11/22/22	
Surrogate: Bromofluorobenzene		*95.9 %*	*70-130*	*11/21/22*	*11/22/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.4 %*	*70-130*	*11/21/22*	*11/22/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*11/21/22*	*11/22/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2248038
Diesel Range Organics (C10-C28)	ND	25.0	1	11/22/22	11/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/22/22	11/22/22	
Surrogate: n-Nonane		*92.9 %*	*50-200*	*11/22/22*	*11/22/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2248045
Chloride	ND	20.0	1	11/22/22	11/23/22	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/29/2022 3:47:49PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2248021-BLK1)									Prepared: 11/21/22 Analyzed: 11/22/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	*0.520*		*0.500*		*104*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.582*		*0.500*		*116*	*70-130*			
Surrogate: Toluene-d8	*0.466*		*0.500*		*93.2*	*70-130*			
LCS (2248021-BS1)									Prepared: 11/21/22 Analyzed: 11/22/22
Benzene	2.22	0.0250	2.50		88.8	70-130			
Ethylbenzene	2.22	0.0250	2.50		88.9	70-130			
Toluene	2.22	0.0250	2.50		89.0	70-130			
o-Xylene	2.34	0.0250	2.50		93.4	70-130			
p,m-Xylene	4.61	0.0500	5.00		92.2	70-130			
Total Xylenes	6.94	0.0250	7.50		92.6	70-130			
Surrogate: Bromofluorobenzene	*0.537*		*0.500*		*107*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.573*		*0.500*		*115*	*70-130*			
Surrogate: Toluene-d8	*0.474*		*0.500*		*94.7*	*70-130*			
Matrix Spike (2248021-MS1)				**Source: E211125-02**					Prepared: 11/21/22 Analyzed: 11/22/22
Benzene	2.16	0.0250	2.50	ND	86.5	48-131			
Ethylbenzene	2.26	0.0250	2.50	0.244	80.8	45-135			
Toluene	2.21	0.0250	2.50	0.249	78.6	48-130			
o-Xylene	2.64	0.0250	2.50	1.01	65.0	43-135			
p,m-Xylene	5.28	0.0500	5.00	2.37	58.2	43-135			
Total Xylenes	7.92	0.0250	7.50	3.39	60.4	43-135			
Surrogate: Bromofluorobenzene	*0.567*		*0.500*		*113*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.562*		*0.500*		*112*	*70-130*			
Surrogate: Toluene-d8	*0.484*		*0.500*		*96.7*	*70-130*			
Matrix Spike Dup (2248021-MSD1)				**Source: E211125-02**					Prepared: 11/21/22 Analyzed: 11/22/22
Benzene	2.19	0.0250	2.50	ND	87.7	48-131	1.33	23	
Ethylbenzene	2.38	0.0250	2.50	0.244	85.3	45-135	4.85	27	
Toluene	2.47	0.0250	2.50	0.249	88.8	48-130	10.9	24	
o-Xylene	2.95	0.0250	2.50	1.01	77.6	43-135	11.3	27	
p,m-Xylene	6.19	0.0500	5.00	2.37	76.2	43-135	15.8	27	
Total Xylenes	9.14	0.0250	7.50	3.39	76.7	43-135	14.3	27	
Surrogate: Bromofluorobenzene	*0.590*		*0.500*		*118*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.583*		*0.500*		*117*	*70-130*			
Surrogate: Toluene-d8	*0.500*		*0.500*		*100*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/29/2022 3:47:49PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2248022-BLK1)									Prepared: 11/21/22 Analyzed: 11/22/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	*0.484*		*0.500*		*96.7*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.481*		*0.500*		*96.1*	*70-130*			
Surrogate: Toluene-d8	*0.523*		*0.500*		*105*	*70-130*			
LCS (2248022-BS1)									Prepared: 11/21/22 Analyzed: 11/22/22
Benzene	2.25	0.0250	2.50		89.9	70-130			
Ethylbenzene	2.34	0.0250	2.50		93.7	70-130			
Toluene	2.29	0.0250	2.50		91.4	70-130			
o-Xylene	2.22	0.0250	2.50		88.6	70-130			
p,m-Xylene	4.41	0.0500	5.00		88.2	70-130			
Total Xylenes	6.63	0.0250	7.50		88.3	70-130			
Surrogate: Bromofluorobenzene	*0.503*		*0.500*		*101*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.479*		*0.500*		*95.8*	*70-130*			
Surrogate: Toluene-d8	*0.525*		*0.500*		*105*	*70-130*			
Matrix Spike (2248022-MS1)				**Source: E211125-23**					Prepared: 11/21/22 Analyzed: 11/22/22
Benzene	2.18	0.0250	2.50	ND	87.3	48-131			
Ethylbenzene	2.29	0.0250	2.50	ND	91.6	45-135			
Toluene	2.24	0.0250	2.50	ND	89.4	48-130			
o-Xylene	2.19	0.0250	2.50	ND	87.5	43-135			
p,m-Xylene	4.33	0.0500	5.00	ND	86.6	43-135			
Total Xylenes	6.52	0.0250	7.50	ND	86.9	43-135			
Surrogate: Bromofluorobenzene	*0.495*		*0.500*		*99.0*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.478*		*0.500*		*95.5*	*70-130*			
Surrogate: Toluene-d8	*0.531*		*0.500*		*106*	*70-130*			
Matrix Spike Dup (2248022-MSD1)				**Source: E211125-23**					Prepared: 11/21/22 Analyzed: 11/22/22
Benzene	2.15	0.0250	2.50	ND	86.0	48-131	1.41	23	
Ethylbenzene	2.26	0.0250	2.50	ND	90.3	45-135	1.47	27	
Toluene	2.19	0.0250	2.50	ND	87.7	48-130	1.99	24	
o-Xylene	2.15	0.0250	2.50	ND	85.9	43-135	1.89	27	
p,m-Xylene	4.25	0.0500	5.00	ND	85.1	43-135	1.83	27	
Total Xylenes	6.40	0.0250	7.50	ND	85.3	43-135	1.85	27	
Surrogate: Bromofluorobenzene	*0.492*		*0.500*		*98.3*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.505*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.522*		*0.500*		*104*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/29/2022 3:47:49PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2248021-BLK1)									Prepared: 11/21/22 Analyzed: 11/22/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.520*		*0.500*		*104*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.582*		*0.500*		*116*	*70-130*			
Surrogate: Toluene-d8	*0.466*		*0.500*		*93.2*	*70-130*			
LCS (2248021-BS2)									Prepared: 11/21/22 Analyzed: 11/22/22
Gasoline Range Organics (C6-C10)	51.3	20.0	50.0		103	70-130			
Surrogate: Bromofluorobenzene	*0.530*		*0.500*		*106*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.560*		*0.500*		*112*	*70-130*			
Surrogate: Toluene-d8	*0.472*		*0.500*		*94.4*	*70-130*			
Matrix Spike (2248021-MS2)				**Source: E211125-02**					Prepared: 11/21/22 Analyzed: 11/22/22
Gasoline Range Organics (C6-C10)	136	20.0	50.0	184	NR	70-130			M2
Surrogate: Bromofluorobenzene	*0.554*		*0.500*		*111*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.541*		*0.500*		*108*	*70-130*			
Surrogate: Toluene-d8	*0.486*		*0.500*		*97.1*	*70-130*			
Matrix Spike Dup (2248021-MSD2)				**Source: E211125-02**					Prepared: 11/21/22 Analyzed: 11/22/22
Gasoline Range Organics (C6-C10)	180	20.0	50.0	184	NR	70-130	27.9	20	M2, R3
Surrogate: Bromofluorobenzene	*0.580*		*0.500*		*116*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.588*		*0.500*		*118*	*70-130*			
Surrogate: Toluene-d8	*0.495*		*0.500*		*99.0*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/29/2022 3:47:49PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2248022-BLK1)									Prepared: 11/21/22 Analyzed: 11/22/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.484*		*0.500*		*96.7*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.481*		*0.500*		*96.1*	*70-130*			
Surrogate: Toluene-d8	*0.523*		*0.500*		*105*	*70-130*			
LCS (2248022-BS2)									Prepared: 11/21/22 Analyzed: 11/22/22
Gasoline Range Organics (C6-C10)	52.6	20.0	50.0		105	70-130			
Surrogate: Bromofluorobenzene	*0.494*		*0.500*		*98.7*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.484*		*0.500*		*96.8*	*70-130*			
Surrogate: Toluene-d8	*0.527*		*0.500*		*105*	*70-130*			
Matrix Spike (2248022-MS2)				**Source: E211125-23**					Prepared: 11/21/22 Analyzed: 11/22/22
Gasoline Range Organics (C6-C10)	52.5	20.0	50.0	ND	105	70-130			
Surrogate: Bromofluorobenzene	*0.503*		*0.500*		*101*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.507*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.530*		*0.500*		*106*	*70-130*			
Matrix Spike Dup (2248022-MSD2)				**Source: E211125-23**					Prepared: 11/21/22 Analyzed: 11/22/22
Gasoline Range Organics (C6-C10)	52.6	20.0	50.0	ND	105	70-130	0.143	20	
Surrogate: Bromofluorobenzene	*0.489*		*0.500*		*97.8*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.496*		*0.500*		*99.1*	*70-130*			
Surrogate: Toluene-d8	*0.532*		*0.500*		*106*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/29/2022 3:47:49PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2248024-BLK1)									Prepared: 11/21/22 Analyzed: 11/24/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*61.0*		*50.0*		*122*	*50-200*			
LCS (2248024-BS1)									Prepared: 11/21/22 Analyzed: 11/24/22
Diesel Range Organics (C10-C28)	232	25.0	250		92.7	38-132			
Surrogate: n-Nonane	*54.9*		*50.0*		*110*	*50-200*			
Matrix Spike (2248024-MS1)				**Source: E211125-08**					Prepared: 11/21/22 Analyzed: 11/24/22
Diesel Range Organics (C10-C28)	236	25.0	250	ND	94.3	38-132			
Surrogate: n-Nonane	*55.9*		*50.0*		*112*	*50-200*			
Matrix Spike Dup (2248024-MSD1)				**Source: E211125-08**					Prepared: 11/21/22 Analyzed: 11/24/22
Diesel Range Organics (C10-C28)	231	25.0	250	ND	92.5	38-132	1.94	20	
Surrogate: n-Nonane	*56.0*		*50.0*		*112*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/29/2022 3:47:49PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2248038-BLK1)									Prepared: 11/22/22 Analyzed: 11/22/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*44.4*		*50.0*		*88.8*	*50-200*			
LCS (2248038-BS1)									Prepared: 11/22/22 Analyzed: 11/22/22
Diesel Range Organics (C10-C28)	242	25.0	250		96.9	38-132			
Surrogate: n-Nonane	*44.8*		*50.0*		*89.6*	*50-200*			
Matrix Spike (2248038-MS1)				**Source: E211125-23**					Prepared: 11/22/22 Analyzed: 11/23/22
Diesel Range Organics (C10-C28)	239	25.0	250	ND	95.6	38-132			
Surrogate: n-Nonane	*40.5*		*50.0*		*81.1*	*50-200*			
Matrix Spike Dup (2248038-MSD1)				**Source: E211125-23**					Prepared: 11/22/22 Analyzed: 11/22/22
Diesel Range Organics (C10-C28)	236	25.0	250	ND	94.3	38-132	1.35	20	
Surrogate: n-Nonane	*42.3*		*50.0*		*84.5*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/29/2022 3:47:49PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2248044-BLK1)									Prepared: 11/22/22 Analyzed: 11/28/22
Chloride	ND	20.0							
LCS (2248044-BS1)									Prepared: 11/22/22 Analyzed: 11/28/22
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2248044-MS1)				**Source: E211125-01**					Prepared: 11/22/22 Analyzed: 11/28/22
Chloride	300	20.0	250	36.0	106	80-120			
Matrix Spike Dup (2248044-MSD1)				**Source: E211125-01**					Prepared: 11/22/22 Analyzed: 11/29/22
Chloride	302	20.0	250	36.0	106	80-120	0.780	20	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/29/2022 3:47:49PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2248045-BLK1)									Prepared: 11/22/22 Analyzed: 11/23/22
Chloride	ND	20.0							
LCS (2248045-BS1)									Prepared: 11/22/22 Analyzed: 11/23/22
Chloride	240	20.0	250		95.9	90-110			
Matrix Spike (2248045-MS1)				**Source: E211125-21**					Prepared: 11/22/22 Analyzed: 11/23/22
Chloride	252	20.0	250	ND	101	80-120			
Matrix Spike Dup (2248045-MSD1)				**Source: E211125-21**					Prepared: 11/22/22 Analyzed: 11/23/22
Chloride	251	20.0	250	ND	101	80-120	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 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/29/22 15:47

M2	Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
R3	The RPD exceeded the acceptance limit. LCS spike recovery met acceptance criteria.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

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

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

Project Information | Chain of Custody | Page 1 of 3

Client:	Pima Environmental
Project:	Fighting Okra 18 CTB3
Project Manager:	Tom Bynum
Address:	5614 N. Lovington Hwy
City, State, Zip	Hobbs, NM, 88240
Phone:	580-748-1613
Email:	tom@pimaoil.com
Report due by:	

Bill To

Attention:	Devon Energy
Address:	
City, State, Zip	
Phone:	
Email:	
Project #:	1-215

Lab Use Only

Lab WO#	Job Number
E211125	01058-0007

TAT

1D	2D	3D	Standard
			X

EPA Program

CWA	SDWA	RCRA

State

NM	CO	UT	AZ	TX	
X					

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC-NM				Remarks
8:00	11/17/22	S	1	S1 1'	1									X				
8:05	"	"	"	S1 2'	2									"				
8:10	"	"	"	S1 3'	3									"				
8:15	"	"	"	S1 4'	4									"				
8:20	"	"	"	S2 1'	5									"				
8:25	"	"	"	S2 2'	6									"				
8:30	"	"	"	S2 3'	7									"				
8:35	"	"	"	S2 4'	8									"				
8:40	"	"	"	S3 1'	9									"				
8:45	"	"	"	S3 2'	10									"				

Additional Instructions: Billing# 21095490

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: Dominick Gonzales

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
Kandra Sanders	11/18/22	1330	Michael Gay	11-18-22	1330
Michael Gay	11-19-22	1800	Christian Llort	11/21/22	9:00

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

Project Information | Chain of Custody | Page 2 of 3

Client:	Pima Environmental Services
Project:	Fighting Okra 18 CTB 3
Project Manager:	Tom Bynum
Address:	5614 N. Lovington Hwy
City, State, Zip	Hobbs, NM, 88240
Phone:	580-748-1613
Email:	tom@pimaoil.com
Report due by:	

Bill To

Attention:	Devon Energy
Address:	
City, State, Zip	
Phone:	
Email:	
Project #:	1-215

Lab Use Only

Lab WO#	Job Number
E211125	01058-0007

TAT

1D	2D	3D	Standard
			X

EPA Program

CWA	SDWA	RCRA

State

NM	CO	UT	AZ	TX	
X					

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDDC-NM				Remarks
8:50	11/17/22	S	1	S3 3'	11									X				
8:55	"	"	"	S3 4'	12									"				
9:00	"	"	"	S4 1'	13									"				
9:05	"	"	"	S4 2'	14									"				
9:10	"	"	"	S4 3'	15									"				
9:15	"	"	"	S4 4'	16									"				
9:20	"	"	"	S5 1'	17									"				
9:25	"	"	"	S5 2'	18									"				
9:30	"	"	"	S5 3'	19									"				
9:35	"	"	"	S5 4'	20									"				

Additional Instructions: Billing# 21095490

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: Dominick Gonzales

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
Alexandra Flanders	11/18/22	1330	Michael Gallegos	11-18-22	1330
Michael Gallegos	11-19-22	1800	Caitlin Christian	11/21/22	9:00

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

Project Information | Chain of Custody | Page 3 of 3

Client: Pima Environmental Services	Bill To
Project: Fighting Okra 18 CTB 3	Attention: Devon Energy
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Project #: 1-215
Report due by:	

Lab Use Only		TAT				EPA Program	
Lab WO# E211125	Job Number 01058-0007	1D	2D	3D	Standard	CWA	SDWA
					X		
							RCRA

State					
NM	CO	UT	AZ	TX	
X					

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC-NM				Remarks
9:40	11/17/22	S	1	SW1	21									X				
9:45	"	"	"	SW2	22									"				
9:50	"	"	"	SW3	23									"				
9:55	"	"	"	SW4	24									"				
10:00	"	"	"	BG1	25									"				
10:05	"	"	"	BG2	26									"				

Additional Instructions: Billing # 21095490

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: Dominick Gonzales

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
Alexandra Andrews	11/18/22	1330	Michelle R Gay	11-18-22	1330
Michelle R Gay	11-19-22	1800	Caitlin Christian	11/21/22	9:00
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

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: 11/21/2022 11:22:17AM

Sample Receipt Checklist (SRC)

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	11/21/22 09:00	Work Order ID:	E211125
Phone:	(575) 631-6977	Date Logged In:	11/21/22 09:44	Logged In By:	Caitlin Christian
Email:	tom@pimaoil.com	Due Date:	11/29/22 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?	Yes	
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	

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Client Instruction

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

Date

envirotech Inc.

Report to:

Tom Bynum

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 CTB 3
Work Order:	E302086
Job Number:	01058-0007
Received:	2/21/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/22/23

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: 2/22/23

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Fighting Okra 18 CTB 3
Workorder: E302086
Date Received: 2/21/2023 7:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/21/2023 7:00:00AM, under the Project Name: Fighting Okra 18 CTB 3.

The analytical test results summarized in this report with the Project Name: Fighting Okra 18 CTB 3 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

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

Field Offices:

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

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

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 CTB 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	02/22/23 11:53

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS1	E302086-01A	Soil	02/18/23	02/21/23	Glass Jar, 2 oz.
CS2	E302086-02A	Soil	02/18/23	02/21/23	Glass Jar, 2 oz.
CS3	E302086-03A	Soil	02/18/23	02/21/23	Glass Jar, 2 oz.
CS4	E302086-04A	Soil	02/18/23	02/21/23	Glass Jar, 2 oz.
CS5	E302086-05A	Soil	02/18/23	02/21/23	Glass Jar, 2 oz.
CS6	E302086-06A	Soil	02/18/23	02/21/23	Glass Jar, 2 oz.
CS7	E302086-07A	Soil	02/18/23	02/21/23	Glass Jar, 2 oz.
CSW1	E302086-08A	Soil	02/18/23	02/21/23	Glass Jar, 2 oz.
CSW2	E302086-09A	Soil	02/18/23	02/21/23	Glass Jar, 2 oz.
CSW3	E302086-10A	Soil	02/18/23	02/21/23	Glass Jar, 2 oz.
CSW4	E302086-11A	Soil	02/18/23	02/21/23	Glass Jar, 2 oz.
CSW5	E302086-12A	Soil	02/18/23	02/21/23	Glass Jar, 2 oz.
CSW6	E302086-13A	Soil	02/18/23	02/21/23	Glass Jar, 2 oz.
CSW7	E302086-14A	Soil	02/18/23	02/21/23	Glass Jar, 2 oz.
CSW8	E302086-15A	Soil	02/18/23	02/21/23	Glass Jar, 2 oz.
CSW9	E302086-16A	Soil	02/18/23	02/21/23	Glass Jar, 2 oz.
CSW10	E302086-17A	Soil	02/18/23	02/21/23	Glass Jar, 2 oz.
CSW11	E302086-18A	Soil	02/18/23	02/21/23	Glass Jar, 2 oz.
CSW12	E302086-19A	Soil	02/18/23	02/21/23	Glass Jar, 2 oz.
CSW13	E302086-20A	Soil	02/18/23	02/21/23	Glass Jar, 2 oz.
CSW14	E302086-21A	Soil	02/18/23	02/21/23	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/22/2023 11:53:14AM

CS1

E302086-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2308011
Benzene	ND	0.0250	1	02/20/23	02/21/23	
Ethylbenzene	ND	0.0250	1	02/20/23	02/21/23	
Toluene	ND	0.0250	1	02/20/23	02/21/23	
o-Xylene	ND	0.0250	1	02/20/23	02/21/23	
p,m-Xylene	ND	0.0500	1	02/20/23	02/21/23	
Total Xylenes	ND	0.0250	1	02/20/23	02/21/23	
Surrogate: Bromofluorobenzene		*90.6 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.4 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*02/20/23*	*02/21/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2308011
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/23	02/21/23	
Surrogate: Bromofluorobenzene		*90.6 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.4 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*02/20/23*	*02/21/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2308013
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/23	02/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/23	02/21/23	
Surrogate: n-Nonane		*102 %*	*50-200*	*02/21/23*	*02/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2308015
Chloride	ND	20.0	1	02/21/23	02/21/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/22/2023 11:53:14AM

CS2

E302086-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2308011
Benzene	ND	0.0250	1	02/20/23	02/21/23	
Ethylbenzene	ND	0.0250	1	02/20/23	02/21/23	
Toluene	ND	0.0250	1	02/20/23	02/21/23	
o-Xylene	ND	0.0250	1	02/20/23	02/21/23	
p,m-Xylene	ND	0.0500	1	02/20/23	02/21/23	
Total Xylenes	ND	0.0250	1	02/20/23	02/21/23	
Surrogate: Bromofluorobenzene		*89.6 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: 1,2-Dichloroethane-d4		*93.5 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*02/20/23*	*02/21/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2308011
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/23	02/21/23	
Surrogate: Bromofluorobenzene		*89.6 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: 1,2-Dichloroethane-d4		*93.5 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*02/20/23*	*02/21/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2308013
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/23	02/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/23	02/21/23	
Surrogate: n-Nonane		*104 %*	*50-200*	*02/21/23*	*02/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2308015
Chloride	ND	20.0	1	02/21/23	02/21/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/22/2023 11:53:14AM

CS3

E302086-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2308011
Benzene	ND	0.0250	1	02/20/23	02/21/23	
Ethylbenzene	ND	0.0250	1	02/20/23	02/21/23	
Toluene	ND	0.0250	1	02/20/23	02/21/23	
o-Xylene	ND	0.0250	1	02/20/23	02/21/23	
p,m-Xylene	ND	0.0500	1	02/20/23	02/21/23	
Total Xylenes	ND	0.0250	1	02/20/23	02/21/23	
Surrogate: Bromofluorobenzene		*90.7 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.7 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*02/20/23*	*02/21/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2308011
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/23	02/21/23	
Surrogate: Bromofluorobenzene		*90.7 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.7 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*02/20/23*	*02/21/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2308013
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/23	02/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/23	02/21/23	
Surrogate: n-Nonane		*103 %*	*50-200*	*02/21/23*	*02/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2308015
Chloride	ND	20.0	1	02/21/23	02/21/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/22/2023 11:53:14AM

CS4

E302086-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2308011
Benzene	ND	0.0250	1	02/20/23	02/21/23	
Ethylbenzene	ND	0.0250	1	02/20/23	02/21/23	
Toluene	ND	0.0250	1	02/20/23	02/21/23	
o-Xylene	ND	0.0250	1	02/20/23	02/21/23	
p,m-Xylene	ND	0.0500	1	02/20/23	02/21/23	
Total Xylenes	ND	0.0250	1	02/20/23	02/21/23	
Surrogate: Bromofluorobenzene		*89.7 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.1 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*02/20/23*	*02/21/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2308011
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/23	02/21/23	
Surrogate: Bromofluorobenzene		*89.7 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.1 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*02/20/23*	*02/21/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2308013
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/23	02/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/23	02/21/23	
Surrogate: n-Nonane		*103 %*	*50-200*	*02/21/23*	*02/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2308015
Chloride	ND	20.0	1	02/21/23	02/21/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/22/2023 11:53:14AM

CS5

E302086-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2308011
Benzene	ND	0.0250	1	02/20/23	02/21/23	
Ethylbenzene	ND	0.0250	1	02/20/23	02/21/23	
Toluene	ND	0.0250	1	02/20/23	02/21/23	
o-Xylene	ND	0.0250	1	02/20/23	02/21/23	
p,m-Xylene	ND	0.0500	1	02/20/23	02/21/23	
Total Xylenes	ND	0.0250	1	02/20/23	02/21/23	
Surrogate: Bromofluorobenzene		*91.7 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.9 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*02/20/23*	*02/21/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2308011
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/23	02/21/23	
Surrogate: Bromofluorobenzene		*91.7 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.9 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*02/20/23*	*02/21/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2308013
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/23	02/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/23	02/21/23	
Surrogate: n-Nonane		*103 %*	*50-200*	*02/21/23*	*02/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2308015
Chloride	ND	20.0	1	02/21/23	02/21/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/22/2023 11:53:14AM

CS6

E302086-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2308011
Benzene	ND	0.0250	1	02/20/23	02/21/23	
Ethylbenzene	ND	0.0250	1	02/20/23	02/21/23	
Toluene	ND	0.0250	1	02/20/23	02/21/23	
o-Xylene	ND	0.0250	1	02/20/23	02/21/23	
p,m-Xylene	ND	0.0500	1	02/20/23	02/21/23	
Total Xylenes	ND	0.0250	1	02/20/23	02/21/23	
Surrogate: Bromofluorobenzene		*92.9 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.0 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*02/20/23*	*02/21/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2308011
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/23	02/21/23	
Surrogate: Bromofluorobenzene		*92.9 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.0 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*02/20/23*	*02/21/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2308013
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/23	02/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/23	02/21/23	
Surrogate: n-Nonane		*101 %*	*50-200*	*02/21/23*	*02/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2308015
Chloride	ND	20.0	1	02/21/23	02/21/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/22/2023 11:53:14AM

CS7

E302086-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2308011
Benzene	ND	0.0250	1	02/20/23	02/21/23	
Ethylbenzene	ND	0.0250	1	02/20/23	02/21/23	
Toluene	ND	0.0250	1	02/20/23	02/21/23	
o-Xylene	ND	0.0250	1	02/20/23	02/21/23	
p,m-Xylene	ND	0.0500	1	02/20/23	02/21/23	
Total Xylenes	ND	0.0250	1	02/20/23	02/21/23	
Surrogate: Bromofluorobenzene		*89.5 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.4 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*02/20/23*	*02/21/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2308011
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/23	02/21/23	
Surrogate: Bromofluorobenzene		*89.5 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.4 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*02/20/23*	*02/21/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2308013
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/23	02/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/23	02/21/23	
Surrogate: n-Nonane		*106 %*	*50-200*	*02/21/23*	*02/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2308015
Chloride	ND	20.0	1	02/21/23	02/21/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/22/2023 11:53:14AM

CSW1

E302086-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2308011
Benzene	ND	0.0250	1	02/20/23	02/21/23	
Ethylbenzene	ND	0.0250	1	02/20/23	02/21/23	
Toluene	ND	0.0250	1	02/20/23	02/21/23	
o-Xylene	ND	0.0250	1	02/20/23	02/21/23	
p,m-Xylene	ND	0.0500	1	02/20/23	02/21/23	
Total Xylenes	ND	0.0250	1	02/20/23	02/21/23	
Surrogate: Bromofluorobenzene		*92.2 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.0 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*02/20/23*	*02/21/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2308011
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/23	02/21/23	
Surrogate: Bromofluorobenzene		*92.2 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.0 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*02/20/23*	*02/21/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2308013
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/23	02/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/23	02/21/23	
Surrogate: n-Nonane		*104 %*	*50-200*	*02/21/23*	*02/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2308015
Chloride	ND	20.0	1	02/21/23	02/21/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/22/2023 11:53:14AM

CSW2

E302086-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2308011
Benzene	ND	0.0250	1	02/20/23	02/21/23	
Ethylbenzene	ND	0.0250	1	02/20/23	02/21/23	
Toluene	ND	0.0250	1	02/20/23	02/21/23	
o-Xylene	ND	0.0250	1	02/20/23	02/21/23	
p,m-Xylene	ND	0.0500	1	02/20/23	02/21/23	
Total Xylenes	ND	0.0250	1	02/20/23	02/21/23	
Surrogate: Bromofluorobenzene		*93.5 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.1 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*02/20/23*	*02/21/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2308011
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/23	02/21/23	
Surrogate: Bromofluorobenzene		*93.5 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.1 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*02/20/23*	*02/21/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2308013
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/23	02/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/23	02/21/23	
Surrogate: n-Nonane		*107 %*	*50-200*	*02/21/23*	*02/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2308015
Chloride	ND	20.0	1	02/21/23	02/21/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/22/2023 11:53:14AM

CSW3

E302086-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2308011
Benzene	ND	0.0250	1	02/20/23	02/21/23	
Ethylbenzene	ND	0.0250	1	02/20/23	02/21/23	
Toluene	ND	0.0250	1	02/20/23	02/21/23	
o-Xylene	ND	0.0250	1	02/20/23	02/21/23	
p,m-Xylene	ND	0.0500	1	02/20/23	02/21/23	
Total Xylenes	ND	0.0250	1	02/20/23	02/21/23	
Surrogate: Bromofluorobenzene		*92.3 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.7 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*02/20/23*	*02/21/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2308011
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/23	02/21/23	
Surrogate: Bromofluorobenzene		*92.3 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.7 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*02/20/23*	*02/21/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2308013
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/23	02/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/23	02/21/23	
Surrogate: n-Nonane		*105 %*	*50-200*	*02/21/23*	*02/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2308015
Chloride	ND	20.0	1	02/21/23	02/21/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/22/2023 11:53:14AM

CSW4

E302086-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2308011
Benzene	ND	0.0250	1	02/20/23	02/21/23	
Ethylbenzene	ND	0.0250	1	02/20/23	02/21/23	
Toluene	ND	0.0250	1	02/20/23	02/21/23	
o-Xylene	ND	0.0250	1	02/20/23	02/21/23	
p,m-Xylene	ND	0.0500	1	02/20/23	02/21/23	
Total Xylenes	ND	0.0250	1	02/20/23	02/21/23	
Surrogate: Bromofluorobenzene		*93.8 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.1 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*02/20/23*	*02/21/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2308011
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/23	02/21/23	
Surrogate: Bromofluorobenzene		*93.8 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.1 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*02/20/23*	*02/21/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2308013
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/23	02/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/23	02/21/23	
Surrogate: n-Nonane		*98.0 %*	*50-200*	*02/21/23*	*02/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2308015
Chloride	ND	20.0	1	02/21/23	02/21/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/22/2023 11:53:14AM

CSW5

E302086-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2308011
Benzene	ND	0.0250	1	02/20/23	02/21/23	
Ethylbenzene	ND	0.0250	1	02/20/23	02/21/23	
Toluene	ND	0.0250	1	02/20/23	02/21/23	
o-Xylene	ND	0.0250	1	02/20/23	02/21/23	
p,m-Xylene	ND	0.0500	1	02/20/23	02/21/23	
Total Xylenes	ND	0.0250	1	02/20/23	02/21/23	
Surrogate: Bromofluorobenzene		*91.1 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: 1,2-Dichloroethane-d4		*99.8 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: Toluene-d8		*99.8 %*	*70-130*	*02/20/23*	*02/21/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2308011
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/23	02/21/23	
Surrogate: Bromofluorobenzene		*91.1 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: 1,2-Dichloroethane-d4		*99.8 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: Toluene-d8		*99.8 %*	*70-130*	*02/20/23*	*02/21/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2308013
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/23	02/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/23	02/21/23	
Surrogate: n-Nonane		*103 %*	*50-200*	*02/21/23*	*02/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2308015
Chloride	ND	20.0	1	02/21/23	02/21/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/22/2023 11:53:14AM

CSW6

E302086-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2308011
Benzene	ND	0.0250	1	02/20/23	02/21/23	
Ethylbenzene	ND	0.0250	1	02/20/23	02/21/23	
Toluene	ND	0.0250	1	02/20/23	02/21/23	
o-Xylene	ND	0.0250	1	02/20/23	02/21/23	
p,m-Xylene	ND	0.0500	1	02/20/23	02/21/23	
Total Xylenes	ND	0.0250	1	02/20/23	02/21/23	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: 1,2-Dichloroethane-d4		*111 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: Toluene-d8		*97.6 %*	*70-130*	*02/20/23*	*02/21/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2308011
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/23	02/21/23	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: 1,2-Dichloroethane-d4		*111 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: Toluene-d8		*97.6 %*	*70-130*	*02/20/23*	*02/21/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2308013
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/23	02/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/23	02/21/23	
Surrogate: n-Nonane		*104 %*	*50-200*	*02/21/23*	*02/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2308015
Chloride	ND	20.0	1	02/21/23	02/21/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/22/2023 11:53:14AM

CSW7

E302086-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2308011
Benzene	ND	0.0250	1	02/20/23	02/21/23	
Ethylbenzene	ND	0.0250	1	02/20/23	02/21/23	
Toluene	ND	0.0250	1	02/20/23	02/21/23	
o-Xylene	ND	0.0250	1	02/20/23	02/21/23	
p,m-Xylene	ND	0.0500	1	02/20/23	02/21/23	
Total Xylenes	ND	0.0250	1	02/20/23	02/21/23	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: 1,2-Dichloroethane-d4		*110 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: Toluene-d8		*96.2 %*	*70-130*	*02/20/23*	*02/21/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2308011
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/23	02/21/23	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: 1,2-Dichloroethane-d4		*110 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: Toluene-d8		*96.2 %*	*70-130*	*02/20/23*	*02/21/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2308013
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/23	02/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/23	02/21/23	
Surrogate: n-Nonane		*103 %*	*50-200*	*02/21/23*	*02/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2308015
Chloride	ND	20.0	1	02/21/23	02/21/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/22/2023 11:53:14AM

CSW8

E302086-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2308011
Benzene	ND	0.0250	1	02/20/23	02/21/23	
Ethylbenzene	ND	0.0250	1	02/20/23	02/21/23	
Toluene	ND	0.0250	1	02/20/23	02/21/23	
o-Xylene	ND	0.0250	1	02/20/23	02/21/23	
p,m-Xylene	ND	0.0500	1	02/20/23	02/21/23	
Total Xylenes	ND	0.0250	1	02/20/23	02/21/23	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: 1,2-Dichloroethane-d4		*110 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: Toluene-d8		*97.0 %*	*70-130*	*02/20/23*	*02/21/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2308011
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/23	02/21/23	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: 1,2-Dichloroethane-d4		*110 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: Toluene-d8		*97.0 %*	*70-130*	*02/20/23*	*02/21/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2308013
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/23	02/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/23	02/21/23	
Surrogate: n-Nonane		*106 %*	*50-200*	*02/21/23*	*02/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2308015
Chloride	ND	20.0	1	02/21/23	02/21/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/22/2023 11:53:14AM

CSW9

E302086-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2308011
Benzene	ND	0.0250	1	02/20/23	02/21/23	
Ethylbenzene	ND	0.0250	1	02/20/23	02/21/23	
Toluene	ND	0.0250	1	02/20/23	02/21/23	
o-Xylene	ND	0.0250	1	02/20/23	02/21/23	
p,m-Xylene	ND	0.0500	1	02/20/23	02/21/23	
Total Xylenes	ND	0.0250	1	02/20/23	02/21/23	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: 1,2-Dichloroethane-d4		*111 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: Toluene-d8		*97.6 %*	*70-130*	*02/20/23*	*02/21/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2308011
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/23	02/21/23	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: 1,2-Dichloroethane-d4		*111 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: Toluene-d8		*97.6 %*	*70-130*	*02/20/23*	*02/21/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2308013
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/23	02/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/23	02/21/23	
Surrogate: n-Nonane		*105 %*	*50-200*	*02/21/23*	*02/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2308015
Chloride	ND	20.0	1	02/21/23	02/21/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/22/2023 11:53:14AM

CSW10

E302086-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2308011
Benzene	ND	0.0250	1	02/20/23	02/21/23	
Ethylbenzene	ND	0.0250	1	02/20/23	02/21/23	
Toluene	ND	0.0250	1	02/20/23	02/21/23	
o-Xylene	ND	0.0250	1	02/20/23	02/21/23	
p,m-Xylene	ND	0.0500	1	02/20/23	02/21/23	
Total Xylenes	ND	0.0250	1	02/20/23	02/21/23	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: 1,2-Dichloroethane-d4		*111 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: Toluene-d8		*96.3 %*	*70-130*	*02/20/23*	*02/21/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2308011
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/23	02/21/23	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: 1,2-Dichloroethane-d4		*111 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: Toluene-d8		*96.3 %*	*70-130*	*02/20/23*	*02/21/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2308013
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/23	02/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/23	02/21/23	
Surrogate: n-Nonane		*109 %*	*50-200*	*02/21/23*	*02/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2308015
Chloride	ND	20.0	1	02/21/23	02/21/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/22/2023 11:53:14AM

CSW11

E302086-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2308011
Benzene	ND	0.0250	1	02/20/23	02/21/23	
Ethylbenzene	ND	0.0250	1	02/20/23	02/21/23	
Toluene	ND	0.0250	1	02/20/23	02/21/23	
o-Xylene	ND	0.0250	1	02/20/23	02/21/23	
p,m-Xylene	ND	0.0500	1	02/20/23	02/21/23	
Total Xylenes	ND	0.0250	1	02/20/23	02/21/23	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: 1,2-Dichloroethane-d4		*111 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: Toluene-d8		*96.2 %*	*70-130*	*02/20/23*	*02/21/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2308011
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/23	02/21/23	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: 1,2-Dichloroethane-d4		*111 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: Toluene-d8		*96.2 %*	*70-130*	*02/20/23*	*02/21/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2308013
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/23	02/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/23	02/21/23	
Surrogate: n-Nonane		*109 %*	*50-200*	*02/21/23*	*02/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2308015
Chloride	ND	20.0	1	02/21/23	02/21/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/22/2023 11:53:14AM

CSW12

E302086-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2308011
Benzene	ND	0.0250	1	02/20/23	02/21/23	
Ethylbenzene	ND	0.0250	1	02/20/23	02/21/23	
Toluene	ND	0.0250	1	02/20/23	02/21/23	
o-Xylene	ND	0.0250	1	02/20/23	02/21/23	
p,m-Xylene	ND	0.0500	1	02/20/23	02/21/23	
Total Xylenes	ND	0.0250	1	02/20/23	02/21/23	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: 1,2-Dichloroethane-d4		*111 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: Toluene-d8		*96.1 %*	*70-130*	*02/20/23*	*02/21/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2308011
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/23	02/21/23	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: 1,2-Dichloroethane-d4		*111 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: Toluene-d8		*96.1 %*	*70-130*	*02/20/23*	*02/21/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2308013
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/23	02/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/23	02/21/23	
Surrogate: n-Nonane		*107 %*	*50-200*	*02/21/23*	*02/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2308015
Chloride	ND	20.0	1	02/21/23	02/21/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/22/2023 11:53:14AM

CSW13

E302086-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2308011
Benzene	ND	0.0250	1	02/20/23	02/21/23	
Ethylbenzene	ND	0.0250	1	02/20/23	02/21/23	
Toluene	ND	0.0250	1	02/20/23	02/21/23	
o-Xylene	ND	0.0250	1	02/20/23	02/21/23	
p,m-Xylene	ND	0.0500	1	02/20/23	02/21/23	
Total Xylenes	ND	0.0250	1	02/20/23	02/21/23	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: 1,2-Dichloroethane-d4		*111 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: Toluene-d8		*95.6 %*	*70-130*	*02/20/23*	*02/21/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2308011
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/23	02/21/23	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: 1,2-Dichloroethane-d4		*111 %*	*70-130*	*02/20/23*	*02/21/23*	
Surrogate: Toluene-d8		*95.6 %*	*70-130*	*02/20/23*	*02/21/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2308013
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/23	02/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/23	02/21/23	
Surrogate: n-Nonane		*109 %*	*50-200*	*02/21/23*	*02/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2308015
Chloride	ND	20.0	1	02/21/23	02/21/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/22/2023 11:53:14AM

CSW14

E302086-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2308010
Benzene	ND	0.0250	1	02/20/23	02/21/23	
Ethylbenzene	ND	0.0250	1	02/20/23	02/21/23	
Toluene	ND	0.0250	1	02/20/23	02/21/23	
o-Xylene	ND	0.0250	1	02/20/23	02/21/23	
p,m-Xylene	ND	0.0500	1	02/20/23	02/21/23	
Total Xylenes	ND	0.0250	1	02/20/23	02/21/23	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*02/20/23*	*02/21/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2308010
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/23	02/21/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.3 %*	*70-130*	*02/20/23*	*02/21/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2308014
Diesel Range Organics (C10-C28)	ND	25.0	1	02/21/23	02/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/23	02/21/23	
Surrogate: n-Nonane		*105 %*	*50-200*	*02/21/23*	*02/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2308017
Chloride	ND	20.0	1	02/21/23	02/21/23	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/22/2023 11:53:14AM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2308011-BLK1)									Prepared: 02/20/23 Analyzed: 02/21/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	*0.467*		*0.500*		*93.3*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.488*		*0.500*		*97.6*	*70-130*			
Surrogate: Toluene-d8	*0.514*		*0.500*		*103*	*70-130*			
LCS (2308011-BS1)									Prepared: 02/20/23 Analyzed: 02/21/23
Benzene	2.58	0.0250	2.50		103	70-130			
Ethylbenzene	2.53	0.0250	2.50		101	70-130			
Toluene	2.61	0.0250	2.50		105	70-130			
o-Xylene	2.70	0.0250	2.50		108	70-130			
p,m-Xylene	5.14	0.0500	5.00		103	70-130			
Total Xylenes	7.85	0.0250	7.50		105	70-130			
Surrogate: Bromofluorobenzene	*0.477*		*0.500*		*95.4*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.490*		*0.500*		*97.9*	*70-130*			
Surrogate: Toluene-d8	*0.503*		*0.500*		*101*	*70-130*			
Matrix Spike (2308011-MS1)				**Source: E302086-10**					Prepared: 02/20/23 Analyzed: 02/21/23
Benzene	2.66	0.0250	2.50	ND	107	48-131			
Ethylbenzene	2.63	0.0250	2.50	ND	105	45-135			
Toluene	2.69	0.0250	2.50	ND	108	48-130			
o-Xylene	2.79	0.0250	2.50	ND	112	43-135			
p,m-Xylene	5.36	0.0500	5.00	ND	107	43-135			
Total Xylenes	8.15	0.0250	7.50	ND	109	43-135			
Surrogate: Bromofluorobenzene	*0.471*		*0.500*		*94.2*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.522*		*0.500*		*104*	*70-130*			
Surrogate: Toluene-d8	*0.497*		*0.500*		*99.4*	*70-130*			
Matrix Spike Dup (2308011-MSD1)				**Source: E302086-10**					Prepared: 02/20/23 Analyzed: 02/21/23
Benzene	2.62	0.0250	2.50	ND	105	48-131	1.68	23	
Ethylbenzene	2.55	0.0250	2.50	ND	102	45-135	2.84	27	
Toluene	2.61	0.0250	2.50	ND	104	48-130	3.06	24	
o-Xylene	2.72	0.0250	2.50	ND	109	43-135	2.50	27	
p,m-Xylene	5.20	0.0500	5.00	ND	104	43-135	3.12	27	
Total Xylenes	7.92	0.0250	7.50	ND	106	43-135	2.91	27	
Surrogate: Bromofluorobenzene	*0.474*		*0.500*		*94.7*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.510*		*0.500*		*102*	*70-130*			
Surrogate: Toluene-d8	*0.493*		*0.500*		*98.6*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/22/2023 11:53:14AM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2308010-BLK1)									Prepared: 02/20/23 Analyzed: 02/21/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.84*		*8.00*		*98.1*	*70-130*			
LCS (2308010-BS1)									Prepared: 02/20/23 Analyzed: 02/21/23
Benzene	4.11	0.0250	5.00		82.2	70-130			
Ethylbenzene	4.29	0.0250	5.00		85.8	70-130			
Toluene	4.37	0.0250	5.00		87.5	70-130			
o-Xylene	4.44	0.0250	5.00		88.8	70-130			
p,m-Xylene	8.68	0.0500	10.0		86.8	70-130			
Total Xylenes	13.1	0.0250	15.0		87.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.74*		*8.00*		*96.7*	*70-130*			
Matrix Spike (2308010-MS1)				**Source: E302085-05**					Prepared: 02/20/23 Analyzed: 02/21/23
Benzene	5.33	0.0250	5.00	ND	107	54-133			
Ethylbenzene	5.28	0.0250	5.00	ND	106	61-133			
Toluene	5.45	0.0250	5.00	ND	109	61-130			
o-Xylene	5.47	0.0250	5.00	ND	109	63-131			
p,m-Xylene	10.7	0.0500	10.0	ND	107	63-131			
Total Xylenes	16.2	0.0250	15.0	ND	108	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*8.40*		*8.00*		*105*	*70-130*			
Matrix Spike Dup (2308010-MSD1)				**Source: E302085-05**					Prepared: 02/20/23 Analyzed: 02/21/23
Benzene	5.10	0.0250	5.00	ND	102	54-133	4.52	20	
Ethylbenzene	5.10	0.0250	5.00	ND	102	61-133	3.44	20	
Toluene	5.23	0.0250	5.00	ND	105	61-130	4.15	20	
o-Xylene	5.25	0.0250	5.00	ND	105	63-131	4.14	20	
p,m-Xylene	10.3	0.0500	10.0	ND	103	63-131	3.35	20	
Total Xylenes	15.6	0.0250	15.0	ND	104	63-131	3.62	20	
Surrogate: 4-Bromochlorobenzene-PID	*8.33*		*8.00*		*104*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/22/2023 11:53:14AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2308010-BLK1)									Prepared: 02/20/23 Analyzed: 02/21/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.38*		*8.00*		*92.2*	*70-130*			
LCS (2308010-BS2)									Prepared: 02/20/23 Analyzed: 02/21/23
Gasoline Range Organics (C6-C10)	45.2	20.0	50.0		90.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.24*		*8.00*		*90.6*	*70-130*			
Matrix Spike (2308010-MS2)				**Source: E302085-05**					Prepared: 02/20/23 Analyzed: 02/21/23
Gasoline Range Organics (C6-C10)	41.2	20.0	50.0	ND	82.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.81*		*8.00*		*85.2*	*70-130*			
Matrix Spike Dup (2308010-MSD2)				**Source: E302085-05**					Prepared: 02/20/23 Analyzed: 02/21/23
Gasoline Range Organics (C6-C10)	38.2	20.0	50.0	ND	76.4	70-130	7.66	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.96*		*8.00*		*87.0*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/22/2023 11:53:14AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2308011-BLK1)									Prepared: 02/20/23 Analyzed: 02/21/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.467*		*0.500*		*93.3*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.488*		*0.500*		*97.6*	*70-130*			
Surrogate: Toluene-d8	*0.514*		*0.500*		*103*	*70-130*			
LCS (2308011-BS2)									Prepared: 02/20/23 Analyzed: 02/21/23
Gasoline Range Organics (C6-C10)	48.7	20.0	50.0		97.5	70-130			
Surrogate: Bromofluorobenzene	*0.473*		*0.500*		*94.6*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.509*		*0.500*		*102*	*70-130*			
Surrogate: Toluene-d8	*0.509*		*0.500*		*102*	*70-130*			
Matrix Spike (2308011-MS2)				**Source: E302086-10**					Prepared: 02/20/23 Analyzed: 02/21/23
Gasoline Range Organics (C6-C10)	50.1	20.0	50.0	ND	100	70-130			
Surrogate: Bromofluorobenzene	*0.456*		*0.500*		*91.2*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.459*		*0.500*		*91.8*	*70-130*			
Surrogate: Toluene-d8	*0.514*		*0.500*		*103*	*70-130*			
Matrix Spike Dup (2308011-MSD2)				**Source: E302086-10**					Prepared: 02/20/23 Analyzed: 02/21/23
Gasoline Range Organics (C6-C10)	46.6	20.0	50.0	ND	93.1	70-130	7.29	20	
Surrogate: Bromofluorobenzene	*0.463*		*0.500*		*92.6*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.469*		*0.500*		*93.7*	*70-130*			
Surrogate: Toluene-d8	*0.516*		*0.500*		*103*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/22/2023 11:53:14AM

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 (2308013-BLK1)									Prepared: 02/21/23 Analyzed: 02/21/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*52.1*		*50.0*		*104*	*50-200*			
LCS (2308013-BS1)									Prepared: 02/21/23 Analyzed: 02/21/23
Diesel Range Organics (C10-C28)	199	25.0	250		79.6	38-132			
Surrogate: n-Nonane	*52.9*		*50.0*		*106*	*50-200*			
Matrix Spike (2308013-MS1)				**Source: E302086-20**					Prepared: 02/21/23 Analyzed: 02/21/23
Diesel Range Organics (C10-C28)	220	25.0	250	ND	88.1	38-132			
Surrogate: n-Nonane	*51.2*		*50.0*		*102*	*50-200*			
Matrix Spike Dup (2308013-MSD1)				**Source: E302086-20**					Prepared: 02/21/23 Analyzed: 02/21/23
Diesel Range Organics (C10-C28)	206	25.0	250	ND	82.3	38-132	6.76	20	
Surrogate: n-Nonane	*52.1*		*50.0*		*104*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/22/2023 11:53:14AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2308014-BLK1)									Prepared: 02/21/23 Analyzed: 02/21/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*54.8*		*50.0*		*110*	*50-200*			
LCS (2308014-BS1)									Prepared: 02/21/23 Analyzed: 02/21/23
Diesel Range Organics (C10-C28)	209	25.0	250		83.5	38-132			
Surrogate: n-Nonane	*50.8*		*50.0*		*102*	*50-200*			
Matrix Spike (2308014-MS1)				**Source: E302087-06**					Prepared: 02/21/23 Analyzed: 02/21/23
Diesel Range Organics (C10-C28)	286	25.0	250	51.7	93.8	38-132			
Surrogate: n-Nonane	*51.5*		*50.0*		*103*	*50-200*			
Matrix Spike Dup (2308014-MSD1)				**Source: E302087-06**					Prepared: 02/21/23 Analyzed: 02/21/23
Diesel Range Organics (C10-C28)	264	25.0	250	51.7	85.0	38-132	8.00	20	
Surrogate: n-Nonane	*51.5*		*50.0*		*103*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/22/2023 11:53:14AM

Anions by EPA 300.0/9056A

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 (2308015-BLK1)									Prepared: 02/21/23 Analyzed: 02/21/23
Chloride	ND	20.0							
LCS (2308015-BS1)									Prepared: 02/21/23 Analyzed: 02/21/23
Chloride	245	20.0	250		98.1	90-110			
Matrix Spike (2308015-MS1)				**Source: E302086-01**					Prepared: 02/21/23 Analyzed: 02/21/23
Chloride	244	20.0	250	ND	97.6	80-120			
Matrix Spike Dup (2308015-MSD1)				**Source: E302086-01**					Prepared: 02/21/23 Analyzed: 02/21/23
Chloride	246	20.0	250	ND	98.2	80-120	0.632	20	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/22/2023 11:53:14AM

Anions by EPA 300.0/9056A

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 (2308017-BLK1)									Prepared: 02/21/23 Analyzed: 02/21/23
Chloride	ND	20.0							
LCS (2308017-BS1)									Prepared: 02/21/23 Analyzed: 02/21/23
Chloride	240	20.0	250		96.0	90-110			
Matrix Spike (2308017-MS1)				**Source: E302085-01**					Prepared: 02/21/23 Analyzed: 02/21/23
Chloride	247	20.0	250	ND	99.0	80-120			
Matrix Spike Dup (2308017-MSD1)				**Source: E302085-01**					Prepared: 02/21/23 Analyzed: 02/21/23
Chloride	247	20.0	250	ND	98.9	80-120	0.0865	20	

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

Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	02/22/23 11:53

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

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

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

Project Information | Chain of Custody | Page 1 of 3

Client: Pima Environmental Services	Bill To
Project: Fighting Okra 18 CTB3	Attention: Devon
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project # 215
Report due by:	

Lab Use Only: Lab WO# E302086 | Job Number 01058-0007

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

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
9:30	2/18/23	S	1	CS1	1	X	
9:35				CS2	2		
9:40				CS3	3		
9:45				CS4	4		
9:50				CS5	5		
9:55				CS6	6		
10:00				CS7	7		
10:05				CSW1	8		
10:10				CSW2	9		
10:15				CSW3	10		

Additional Instructions: Billing Number: 21095490

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: Andriana Benavidez

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
AB	2/20/23	2:00	Michelle Gaytan	2-20-23	1400
Michelle Gaytan	2-20-23	1630	Lorenzo Lei	2-20-23	1645
Lorenzo Lei	2-20-23	2230	Kayleigh A Hall	2-21-23	0700

Lab Use Only: Received on ice: Y / N

T1 ____ T2 ____ T3 ____

AVG Temp °C 4.0

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

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

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

envirotech

Project Information | Chain of Custody | Page 2 of 3

Client: Pima Environmental Services	Bill To
Project: Fighting Okra 18 CTB3	Attention: Devon
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project # 215
Report due by:	

Lab Use Only: Lab WO# E302086 | Job Number 01058-0007

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

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
10:20	2/18/23	S	1	CSW4	11	X	
10:25				CSW5	12		
10:30				CSW6	13		
10:35				CSW7	14		
10:40				CSW8	15		
10:45				CSW9	16		
10:50				CSW10	17		
10:55				CSW11	18		
11:00				CSW12	19		
11:05				CSW13	20		

Additional Instructions: Billing Number: 21095490

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: Audriana Benavidez

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
AB	2/20/23	2:00	Michelle Cuyes	2-20-23	1400
Michelle Cuyes	2-2023	1630	Lorenzo Lein	2-2023	1645
Lorenzo Lein	2-20-23	2230	Leyla R Heed	2-21-23	0700

Lab Use Only: Received on ice: (Y) / N

T1 _____ T2 _____ T3 _____

AVG Temp °C 4.0

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

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

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

envirotech

Project Information | Chain of Custody | Page 3 of 3

Client: Pima Environmental Services	Bill To	Lab Use Only	TAT / EPA Program
Project: Fighting Okra 18 CTB 3	Attention: Devon	Lab WO# E302086	Job Number 01058-0007
Project Manager: Tom Bynum	Address:	1D: X	2D	3D	Standard
Address: 5614 N. Lovington Hwy.	City, State, Zip	CWA	SDWA	RCRA
City, State, Zip Hobbs, NM, 88240	Phone:	State: NM: X	CO	UT	AZ	TX
Phone: 580-748-1613	Email:	
Email: tom@pimaoil.com	Pima Project # 215	
Report due by:		

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
11:10	2/18/23	S	1	CSW 14	1	X	

Additional Instructions: Billing Number : 21095490

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: Audriana Benavides

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
AB	2-20-23	2:00	Michelle Gonzales	2-20-23	1400
Michelle Gonzales	2-20-23	1630	Lorenzo Lea	2-20-23	1645
Lorenzo Lea	2-20-23	2230	Kayleigh N Hall	2-21-23	0700

Lab Use Only — Received on ice: (Y) / N — T1 ____ T2 ____ T3 ____ — AVG Temp °C 4.0

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: 2/21/2023 8:41:17AM

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:	02/21/23 07:00	Work Order ID:	E302086
Phone:	(575) 631-6977	Date Logged In:	02/20/23 13:14	Logged In By:	Caitlin Christian
Email:	tom@pimaoil.com	Due Date:	02/21/23 07:00 (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?	Yes	
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	

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

CONDITIONS

Action 191334

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 191334
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	3/8/2023