

Incident ID	nAPP2235028505
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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

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

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

State of New Mexico
Oil Conservation Division

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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 ProfessionalSignature: Dale Woodall Date: 6/1/2023email: dale.woodall@dvn.com Telephone: 575-748-1839**OCD Only**

Received by: _____ Date: _____

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Closure

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

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

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

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

Printed Name: Dale Woodall Title: EHS Professional
Signature: Dale Woodall Date: 6/1/2023
email: dale.woodall@dvn.com Telephone: 575-748-1839

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____



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

February 22, 2023

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

Re: Site Assessment, Remediation, and Closure Report
Flagler 8 Fed 8H
API No. 30-025-44989
GPS: Latitude 32.1383485 Longitude -103.5914681
UL - O, 8, T23S, R34E
Lea County, NM
NMOCD Ref. No. NAPP2235028505

Pima Environmental Services, LLC. (Pima) has been contracted by Devon Energy Production Company, LP (Devon) to perform a spill assessment, remediation activities, and submit this closure report for a Crude oil and Produced water release that occurred at the Flagler 8 Fed 8H (Flagler). The initial C-141 was submitted on January 4, 2022 (Appendix C). This incident was assigned Incident ID NAPP2235028505 by the New Mexico Oil Conservation Division (NMOCD).

Site Characterization

The Flagler is located approximately twenty-three (23) miles east of Jal, NM. This spill site is in Unit O, Section 8, Township 23S, Range 34E, Latitude 32.1383485 Longitude -103.5914681, Lea County, NM. Figure 1 references a Location Map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is made up Interlayered eolian sands and piedmont-slope deposits along the eastern flank of the Pecos River valley, primarily between Roswell and Carlsbad. Typically capped by thin eolian deposits. The soil in this area is made up of Pyote soils and Dune land, 0 to 3 percent slopes according to the United States Department of Agriculture Natural Resources Conservation Service soil survey (Appendix B). The drainage class in this area is well drained. There is a low potential for karst geology to be present around the Flagler (Figure 3).

According to the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is 90 feet below grade surface (BGS). According to the United States Geological Survey (USGS), the nearest groundwater is 118 feet BGS. The closest waterway is a salt playa located approximately 15.36 miles to the northwest of this location. See Appendix A for referenced water surveys.

Table 1 NMAC and Closure Criteria 19.15.29

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

Reference Figure 2 for a Topographic Map.

Flagler 8 Fed 8H|Devon Energy

Release Information

NAPP2235028505: On December 15, 2022, A flowline caused fluid released on to pasture. The released fluids were calculated to be approximately 1.5 barrels (bbls) of crude oil and 13.4 bbls of produced water. No fluid was able to be recovered.

Remediation Activities, Site Assessment, and Soil Sampling Results

On January 11, 2023, 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.

1-11-23 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
DEVON ENERGY - FLAGLER 8 FED 8								
Sample Date: 1/11/2023		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
S-1	1'	ND	ND	ND	ND	ND	0	4570
	2'	ND	ND	ND	ND	ND	0	3890
	3'	ND	ND	ND	ND	ND	0	3660
	4'	ND	ND	ND	ND	ND	0	1290
S-2	1'	ND	ND	ND	ND	ND	0	3330
	2'	ND	ND	ND	ND	ND	0	3620
	3'	ND	ND	ND	ND	ND	0	70.8
	4'	ND	ND	ND	ND	ND	0	ND
S-3	1'	ND	ND	ND	ND	ND	0	51.2
	2'	ND	ND	ND	ND	ND	0	ND
S-4	1'	ND	ND	ND	ND	ND	0	1370
	2'	ND	ND	ND	ND	ND	0	56.2
	3'	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

ND- Analyte Not Detected

On February 16, 2023, the Devon Construction Department mobilized personnel and equipment to begin immediate remediation activities. They began excavating the area to a depth of 3' - 5' 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 collect confirmation samples of the excavation. The results of this sampling event can be found in the following table. A Confirmation Sample Map can be found in Figure 5.

2-18-23 Confirmation Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
DEVON ENERGY - FLAGLER 8 FED 8								
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	5'	ND	ND	ND	ND	ND	0	ND
CS 2	5'	ND	ND	ND	ND	ND	0	ND
CS 3	5'	ND	ND	ND	ND	ND	0	ND
CS 4	3'	ND	ND	ND	ND	ND	0	ND
CS 5	3'	ND	ND	ND	ND	ND	0	ND
CS 6	3'	ND	ND	ND	ND	ND	0	ND
CSW 1	5'	ND	ND	ND	ND	ND	0	ND
CSW 2	5'	ND	ND	ND	ND	ND	0	ND
CSW 3	5'	ND	ND	ND	ND	ND	0	ND
CSW 4	5'	ND	ND	ND	ND	ND	0	ND
CSW 5	5'	ND	ND	ND	ND	ND	0	ND
CSW 6	3'	ND	ND	ND	ND	ND	0	ND
CSW 7	3'	ND	ND	ND	ND	ND	0	ND
CSW 8	3'	ND	ND	ND	ND	ND	0	ND
CSW 9	3'	ND	ND	ND	ND	ND	0	ND
CSW 10	3'	ND	ND	ND	ND	ND	0	ND
CSW 11	3'	ND	ND	ND	ND	ND	0	ND
CSW 12	3'	ND	ND	ND	ND	ND	0	ND

ND- Analyte Not Detected

Complete laboratory reports can be found in Appendix E.

Based on the sample results, the bottoms and sidewalls were below NMOCD Closure Criteria 19.15.29 NMAC. The contaminated material was sufficiently removed then transported to an NMOCD approved disposal site. The excavation was then backfilled with clean like material, machine compacted and returned to its previous state. See Appendix D for Photographic Documentation.

Closure Request

After careful review, Pima requests that this incident, NAPP2235028505 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 806-782-1151 or gio@pimaoil.com.

Respectfully,



Gio Gomez
Project Manager
Pima Environmental Services, LLC

Attachments

Figures:

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

Appendices:

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



Pima Environmental Services

Figures:

1-Location Map

2-Topographic Map

3-Karst Map


4-Site Map

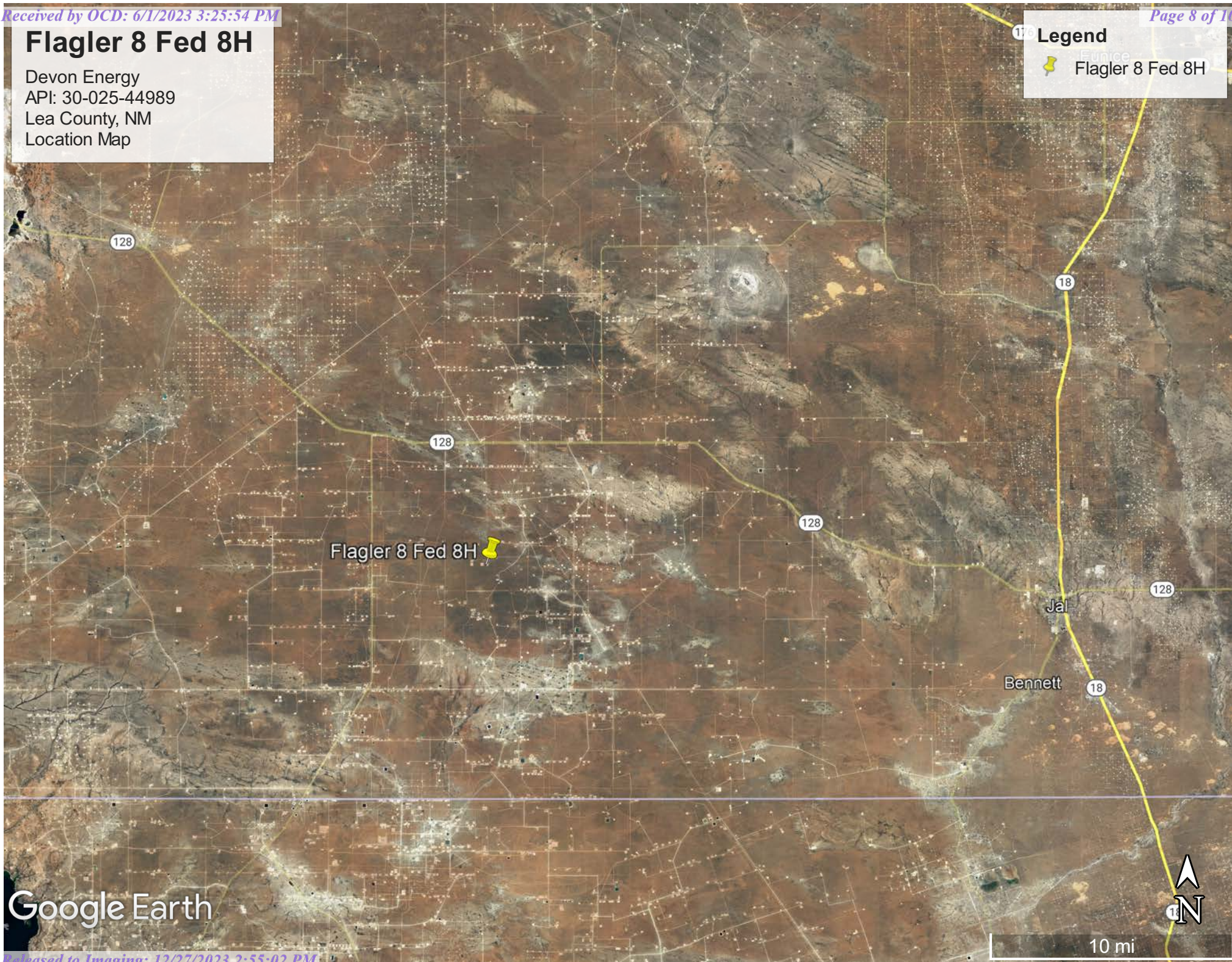
5-Confirmation Site Map

Flagler 8 Fed 8H

Devon Energy
API: 30-025-44989
Lea County, NM
Location Map

Legend

 Flagler 8 Fed 8H



Google Earth

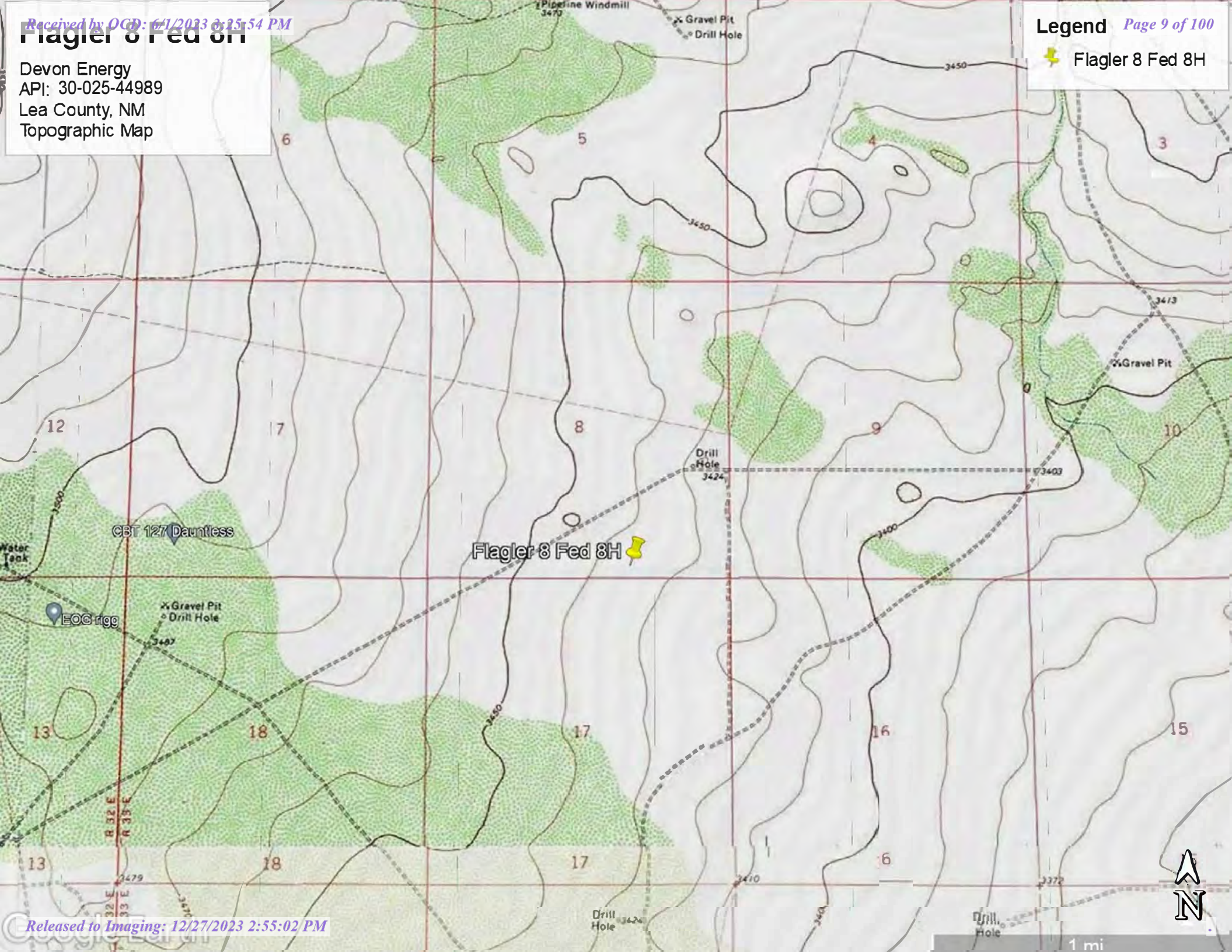


10 mi

Flagler 8 Fed 8H

Devon Energy
API: 30-025-44989
Lea County, NM
Topographic Map





Flagler 8 Fed 8H

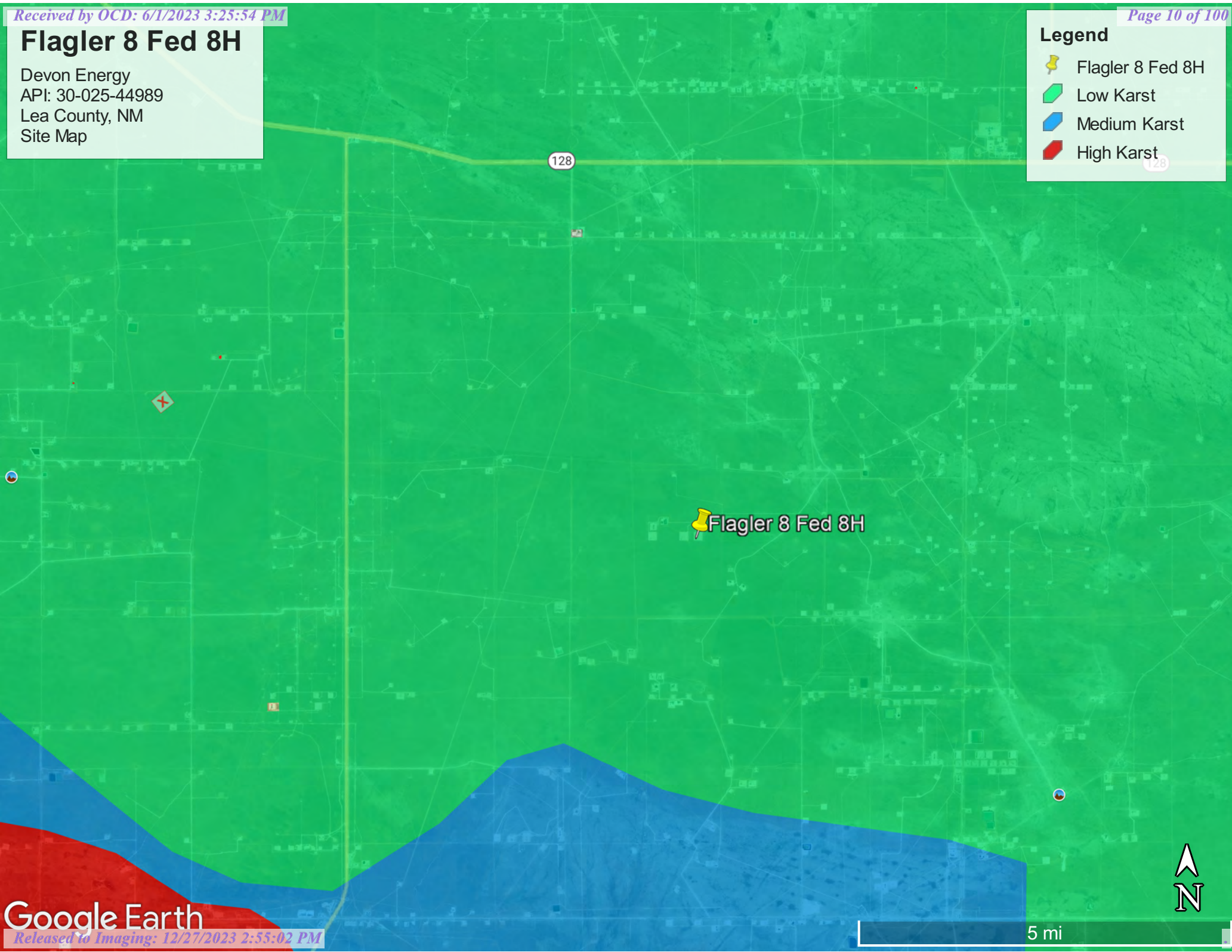


Flagler 8 Fed 8H

Devon Energy
API: 30-025-44989
Lea County, NM
Site Map

Legend

-  Flagler 8 Fed 8H
-  Low Karst
-  Medium Karst
-  High Karst




Flagler 8 Fed 8H

Devon Energy
API: 30-025-44989
Lea County, NM
Site Map

Legend

-  Samples
-  Flagler 8 Fed 8H
-  Sidewall
-  Spill Area 1,051 sqft

Flagler 8 Fed 8H 

SW2
S4
S2
SW3 SW1
S1 S3
SW4



100 ft

Flagler 8 Fed 8H

Devon Energy
API: 30-025-44989
Lea County, NM
Confirmation Sample Map

Legend

- Confirmation Samples
- Confirmation Sidewalls
- Flagler 8 Fed 8H

CSW7
CSW8CSW9
CSW5 CS5 CS4 CSW10
CS3 CSW4 CSW11
CS2CSW1 CSW12
CSW3 GSW2

Flagler 8 Fed 8H



100 ft



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	DepthWell	DepthWater	Water Column
C_04627 POD1		CUB	LE	3	3	4	08	25S	33E	632665	3556725	203			
C_02312		CUB	LE	1	2	1	05	25S	33E	632292	3559772	3182	150	90	60
C_02311		CUB	LE	2	3	2	33	24S	33E	634391	3560877	4510	120	70	50
C_02310		CUB	LE	2	4	2	33	24S	33E	634420	3560893	4534	120	70	50
C_02563		CUB	LE	1	4	2	33	24S	33E	634639	3560923*	4642	120		
C_02564		CUB	LE	2	4	2	33	24S	33E	634839	3560923*	4723	120		

Average Depth to Water: **76 feet**

Minimum Depth: **70 feet**

Maximum Depth: **90 feet**

Record Count: 6

UTMNAD83 Radius Search (in meters):

Easting (X): 632849.93

Northing (Y): 3556638.94

Radius: 5000

*UTM location was derived from PLSS - see Help

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

1/12/23 12:10 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER



[USGS Home](#)
[Contact USGS](#)
[Search USGS](#)

National Water Information System: Web Interface

USGS Water Resources

Data Category:

Groundwater

Geographic Area:

United States

GO

Click to hide News Bulletins

- See the [Water Data for the Nation Blog](#) for the latest news and updates.

Groundwater levels for the Nation



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

Search Results -- 1 sites found

site_no list =

- 320956103353801

Minimum number of levels = 1

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

USGS 320956103353801 25S.33E.05.12122

Available data for this site

Groundwater: Field measurements

GO

Lea County, New Mexico

Hydrologic Unit Code 13070007

Latitude 32°09'59.4", Longitude 103°35'47.2" NAD83

Land-surface elevation 3,473.00 feet above NGVD29

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

This well is completed in the Santa Rosa Sandstone (231SNRS) local aquifer.

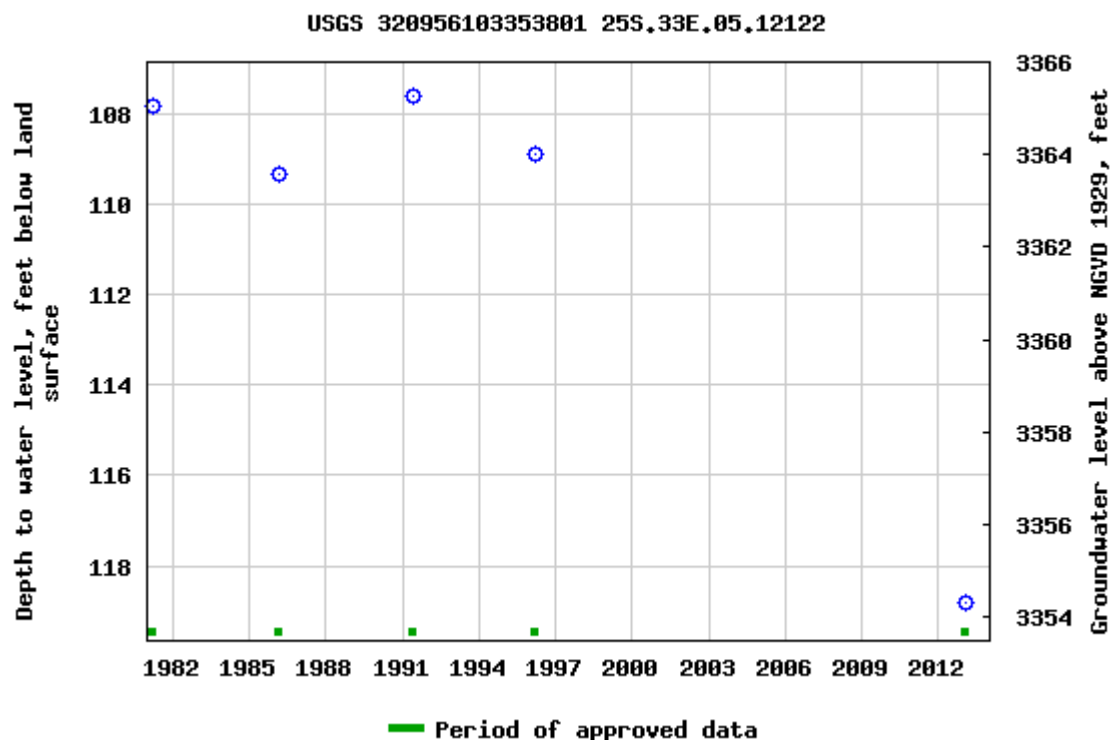
Output formats

[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?](#)

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[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)

Title: Groundwater for USA: Water Levels

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

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

Page Last Modified: 2023-01-12 14:07:51 EST

0.64 0.5 nadww01



Flagler 8 Fed 8H

Devon Energy
API:30-025-44989
Lea County, NM
Surface Water Map

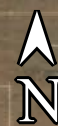
Legend

- 15.36 Miles
- Flagler 8 Fed 8H

Salt Playa

Flagler 8 Fed 8H

Google Earth



10 mi



Pima Environmental Services

Appendix B

Soil Survey & Geological Data

FEMA Flood Map

Wetlands Map

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

Lea County, New Mexico

PY—Pyote soils and Dune land

Map Unit Setting

National map unit symbol: dmqr

Elevation: 3,000 to 4,400 feet

Mean annual precipitation: 10 to 15 inches

Mean annual air temperature: 60 to 64 degrees F

Frost-free period: 190 to 220 days

Farmland classification: Not prime farmland

Map Unit Composition

Pyote and similar soils: 46 percent

Dune land: 44 percent

Minor components: 10 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Pyote

Setting

Landform: Depressions

Landform position (two-dimensional): Footslope

Landform position (three-dimensional): Base slope

Down-slope shape: Concave

Across-slope shape: Concave

Parent material: Sandy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 30 inches: fine sand

Bt - 30 to 60 inches: fine sandy loam

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: Negligible

Capacity of the most limiting layer to transmit water (Ksat): High
(2.00 to 6.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 5 percent

Gypsum, maximum content: 1 percent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum: 2.0

Available water supply, 0 to 60 inches: Low (about 5.1 inches)

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

Interpretive groups

Land capability classification (irrigated): 6e

Land capability classification (nonirrigated): 7s

Hydrologic Soil Group: A

Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

Description of Dune Land**Setting**

Landform: Dunes

Landform position (two-dimensional): Backslope, shoulder

Landform position (three-dimensional): Side slope

Down-slope shape: Linear, convex

Across-slope shape: Convex

Parent material: Sandy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 6 inches: fine sand

C - 6 to 60 inches: fine sand

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 8

Hydrologic Soil Group: A

Hydric soil rating: No

Minor Components**Kermi**

Percent of map unit: 5 percent

Ecological site: R070BC022NM - Sandhills

Hydric soil rating: No

Maljamar, fine sand

Percent of map unit: 3 percent

Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

Wink

Percent of map unit: 2 percent

Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

Data Source Information

Soil Survey Area: Lea County, New Mexico

Survey Area Data: Version 19, Sep 8, 2022

National Flood Hazard Layer FIRMMette



103°35'48"W 32°8'33"N



0 250 500 1,000 1,500 2,000 Feet 1:6,000 103°35'11"W 32°8'3"N

Legend

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

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



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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 1/12/2023 at 2:12 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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



Wetlands Map



January 12, 2023

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.



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	nAPP2235028505
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 32.1383485 Longitude -103.5914681
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Flagler 8 Fed 8H	Site Type Oil
Date Release Discovered 12/15/2022	API# (if applicable)

Unit Letter	Section	Township	Range	County
O	08	25S	33E	Lea

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

Nature and Volume of Release

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

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 1.5 BBLS	Volume Recovered (bbls) 0 BBLS
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 13.4 BBLS	Volume Recovered (bbls) 0 BBLS
	Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release Flowline developed leak.

Incident ID	nAPP2235028505
District RP	
Facility ID	
Application ID	

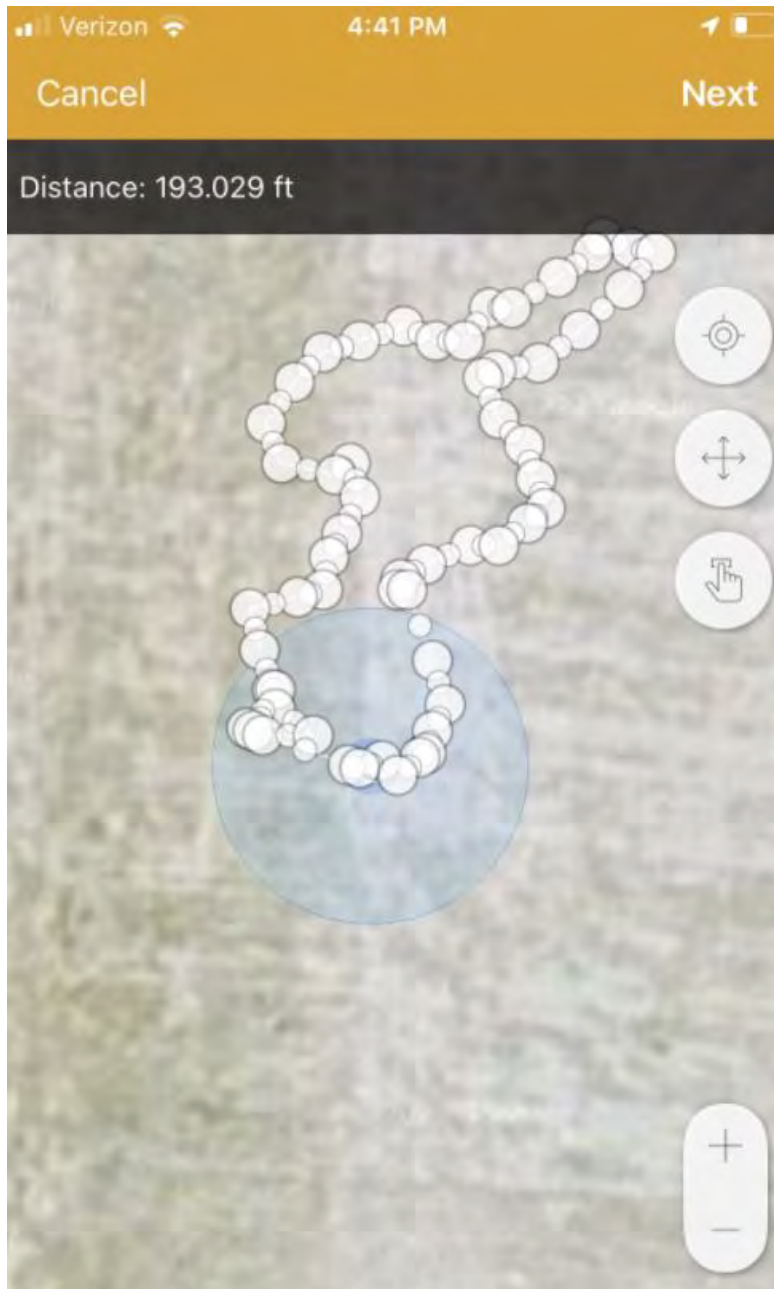
<p>Was this a major release as defined by 19.15.29.7(A) NMAC?</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>If YES, for what reason(s) does the responsible party consider this a major release?</p>
<p>If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?</p>	

Initial Response

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

<input type="checkbox"/> The source of the release has been stopped. <input type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: <u>Kendra Ruiz</u> Signature: <u><i>Kendra Ruiz</i></u> email: <u>Kendra.Ruiz@dvn.com</u>	Title: <u>EHS Associate</u> Date: <u>1/4/2022</u> Telephone: <u>575-748-0167</u>
<u>OCD Only</u>	
Received by: <u>Jocelyn Harimon</u>	Date: <u>01/04/2023</u>

NAPP2235028505



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 172179

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 172179
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jharimon	None	1/4/2023

Incident ID	nAPP2235028505
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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

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

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

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	nAPP2235028505
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 ProfessionalSignature: Dale Woodall Date: 6/1/2023email: dale.woodall@dn.com Telephone: 575-748-1839**OCD Only**

Received by: _____ Date: _____

Incident ID	nAPP2235028505
District RP	
Facility ID	
Application ID	

Closure

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

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

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

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

Printed Name: Dale Woodall Title: EHS Professional
Signature: Dale Woodall Date: 6/1/2023
email: dale.woodall@dvn.com Telephone: 575-748-1839

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: Scott Rodgers Date: 12/27/2023
Printed Name: Scott Rodgers Title: Environmental Specialist Adv.



Pima Environmental Services

Appendix D

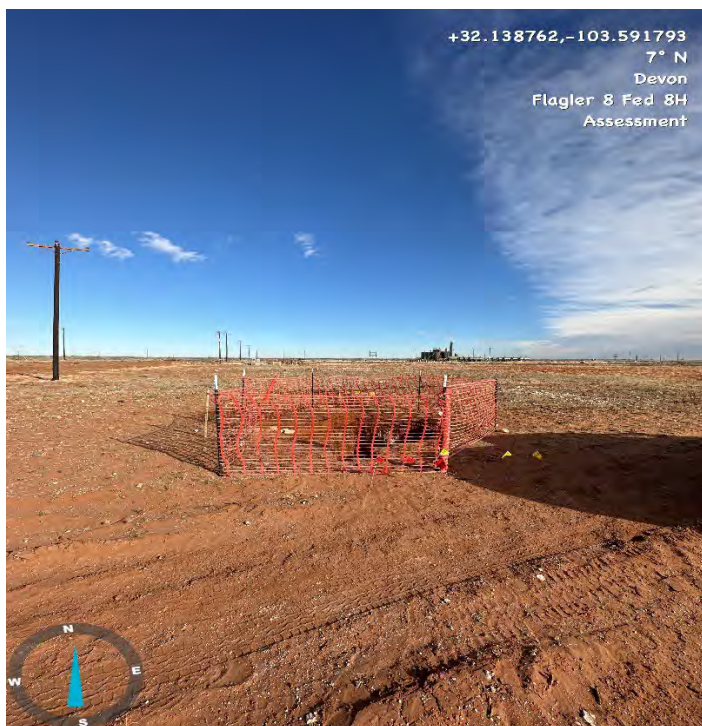
Photographic Documentation



SITE PHOTOGRAPHS
DEVON ENERGY
FLAGLER 8 FED 8H

Site Assessment





Excavation









Post Excavation







Pima Environmental Services

Appendix E

Laboratory Reports

Report to:
Tom Bynum



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Flagler 8 Fed #8

Work Order: E301051

Job Number: 01058-0007

Received: 1/13/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
1/17/23

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 1/17/23

Tom Bynum
PO Box 247
Plains, TX 79355-0247



Project Name: Flagler 8 Fed #8
Workorder: E301051
Date Received: 1/13/2023 8:10:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/13/2023 8:10:00AM, under the Project Name: Flagler 8 Fed #8.

The analytical test results summarized in this report with the Project Name: Flagler 8 Fed #8 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

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

Field Offices:

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

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Flagler 8 Fed #8	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	01/17/23 14:08

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1 - 1'	E301051-01A	Soil	01/11/23	01/13/23	Glass Jar, 2 oz.
S1 - 2'	E301051-02A	Soil	01/11/23	01/13/23	Glass Jar, 2 oz.
S1 - 3'	E301051-03A	Soil	01/11/23	01/13/23	Glass Jar, 2 oz.
S1 - 4'	E301051-04A	Soil	01/11/23	01/13/23	Glass Jar, 2 oz.
S2 - 1'	E301051-05A	Soil	01/11/23	01/13/23	Glass Jar, 2 oz.
S2 - 2'	E301051-06A	Soil	01/11/23	01/13/23	Glass Jar, 2 oz.
S2 - 3'	E301051-07A	Soil	01/11/23	01/13/23	Glass Jar, 2 oz.
S2 - 4'	E301051-08A	Soil	01/11/23	01/13/23	Glass Jar, 2 oz.
S3 - 1'	E301051-09A	Soil	01/11/23	01/13/23	Glass Jar, 2 oz.
S3 - 2'	E301051-10A	Soil	01/11/23	01/13/23	Glass Jar, 2 oz.
S4 - 1'	E301051-11A	Soil	01/11/23	01/13/23	Glass Jar, 2 oz.
S4 - 2'	E301051-12A	Soil	01/11/23	01/13/23	Glass Jar, 2 oz.
S4 - 3'	E301051-13A	Soil	01/11/23	01/13/23	Glass Jar, 2 oz.
SW1	E301051-14A	Soil	01/11/23	01/13/23	Glass Jar, 2 oz.
SW2	E301051-15A	Soil	01/11/23	01/13/23	Glass Jar, 2 oz.
SW3	E301051-16A	Soil	01/11/23	01/13/23	Glass Jar, 2 oz.
SW4	E301051-17A	Soil	01/11/23	01/13/23	Glass Jar, 2 oz.



Sample Data

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

Project Name: Flagler 8 Fed #8
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/17/2023 2:08:09PM

S1 - 1'

E301051-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2302078
Benzene	ND	0.0250	1	01/13/23	01/16/23	
Ethylbenzene	ND	0.0250	1	01/13/23	01/16/23	
Toluene	ND	0.0250	1	01/13/23	01/16/23	
o-Xylene	ND	0.0250	1	01/13/23	01/16/23	
p,m-Xylene	ND	0.0500	1	01/13/23	01/16/23	
Total Xylenes	ND	0.0250	1	01/13/23	01/16/23	
Surrogate: 4-Bromochlorobenzene-PID	99.2 %	70-130		01/13/23	01/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2302078
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/13/23	01/16/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	90.0 %	70-130		01/13/23	01/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2302074
Diesel Range Organics (C10-C28)	ND	25.0	1	01/13/23	01/13/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/13/23	01/13/23	
Surrogate: n-Nonane	103 %	50-200		01/13/23	01/13/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2302076
Chloride	4570	200	10	01/13/23	01/13/23	



Sample Data

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

Project Name: Flagler 8 Fed #8
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/17/2023 2:08:09PM

S1 - 2'

E301051-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2302078
Benzene	ND	0.0250	1	01/13/23	01/16/23	
Ethylbenzene	ND	0.0250	1	01/13/23	01/16/23	
Toluene	ND	0.0250	1	01/13/23	01/16/23	
o-Xylene	ND	0.0250	1	01/13/23	01/16/23	
p,m-Xylene	ND	0.0500	1	01/13/23	01/16/23	
Total Xylenes	ND	0.0250	1	01/13/23	01/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.8 %	70-130		01/13/23	01/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2302078
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/13/23	01/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.4 %	70-130		01/13/23	01/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2302074
Diesel Range Organics (C10-C28)	ND	25.0	1	01/13/23	01/13/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/13/23	01/13/23	
<i>Surrogate: n-Nonane</i>						
	105 %	50-200		01/13/23	01/13/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2302076
Chloride	3890	200	10	01/13/23	01/13/23	



Sample Data

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

Project Name: Flagler 8 Fed #8
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/17/2023 2:08:09PM

S1 - 3'

E301051-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2302078
Benzene	ND	0.0250	1	01/13/23	01/16/23	
Ethylbenzene	ND	0.0250	1	01/13/23	01/16/23	
Toluene	ND	0.0250	1	01/13/23	01/16/23	
o-Xylene	ND	0.0250	1	01/13/23	01/16/23	
p,m-Xylene	ND	0.0500	1	01/13/23	01/16/23	
Total Xylenes	ND	0.0250	1	01/13/23	01/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.9 %	70-130		01/13/23	01/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2302078
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/13/23	01/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.9 %	70-130		01/13/23	01/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2302074
Diesel Range Organics (C10-C28)	ND	25.0	1	01/13/23	01/13/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/13/23	01/13/23	
<i>Surrogate: n-Nonane</i>						
	104 %	50-200		01/13/23	01/13/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2302076
Chloride	3660	40.0	2	01/13/23	01/13/23	



Sample Data

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

Project Name: Flagler 8 Fed #8
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/17/2023 2:08:09PM

S1 - 4'

E301051-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2302078
Benzene	ND	0.0250	1	01/13/23	01/16/23	
Ethylbenzene	ND	0.0250	1	01/13/23	01/16/23	
Toluene	ND	0.0250	1	01/13/23	01/16/23	
o-Xylene	ND	0.0250	1	01/13/23	01/16/23	
p,m-Xylene	ND	0.0500	1	01/13/23	01/16/23	
Total Xylenes	ND	0.0250	1	01/13/23	01/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	01/13/23	01/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2302078
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/13/23	01/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.4 %	70-130	01/13/23	01/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2302074
Diesel Range Organics (C10-C28)	ND	25.0	1	01/13/23	01/13/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/13/23	01/13/23	
<i>Surrogate: n-Nonane</i>						
		107 %	50-200	01/13/23	01/13/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2302076
Chloride	1290	20.0	1	01/13/23	01/13/23	



Sample Data

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

Project Name: Flagler 8 Fed #8
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/17/2023 2:08:09PM

S2 - 1'

E301051-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2302078
Benzene	ND	0.0250	1	01/13/23	01/16/23	
Ethylbenzene	ND	0.0250	1	01/13/23	01/16/23	
Toluene	ND	0.0250	1	01/13/23	01/16/23	
o-Xylene	ND	0.0250	1	01/13/23	01/16/23	
p,m-Xylene	ND	0.0500	1	01/13/23	01/16/23	
Total Xylenes	ND	0.0250	1	01/13/23	01/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	01/13/23	01/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2302078
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/13/23	01/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		89.2 %	70-130	01/13/23	01/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2302074
Diesel Range Organics (C10-C28)	ND	25.0	1	01/13/23	01/13/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/13/23	01/13/23	
<i>Surrogate: n-Nonane</i>						
		106 %	50-200	01/13/23	01/13/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2302076
Chloride	3330	40.0	2	01/13/23	01/13/23	



Sample Data

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

Project Name: Flagler 8 Fed #8
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/17/2023 2:08:09PM

S2 - 2'

E301051-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2302078
Benzene	ND	0.0250	1	01/13/23	01/16/23	
Ethylbenzene	ND	0.0250	1	01/13/23	01/16/23	
Toluene	ND	0.0250	1	01/13/23	01/16/23	
o-Xylene	ND	0.0250	1	01/13/23	01/16/23	
p,m-Xylene	ND	0.0500	1	01/13/23	01/16/23	
Total Xylenes	ND	0.0250	1	01/13/23	01/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.5 %	70-130		01/13/23	01/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2302078
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/13/23	01/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.1 %	70-130		01/13/23	01/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2302074
Diesel Range Organics (C10-C28)	ND	25.0	1	01/13/23	01/13/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/13/23	01/13/23	
<i>Surrogate: n-Nonane</i>						
	103 %	50-200		01/13/23	01/13/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2302076
Chloride	3620	40.0	2	01/13/23	01/13/23	



Sample Data

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

Project Name: Flagler 8 Fed #8
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/17/2023 2:08:09PM

S2 - 3'

E301051-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2302078
Benzene	ND	0.0250	1	01/13/23	01/16/23	
Ethylbenzene	ND	0.0250	1	01/13/23	01/16/23	
Toluene	ND	0.0250	1	01/13/23	01/16/23	
o-Xylene	ND	0.0250	1	01/13/23	01/16/23	
p,m-Xylene	ND	0.0500	1	01/13/23	01/16/23	
Total Xylenes	ND	0.0250	1	01/13/23	01/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	01/13/23	01/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2302078
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/13/23	01/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		87.0 %	70-130	01/13/23	01/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2302074
Diesel Range Organics (C10-C28)	ND	25.0	1	01/13/23	01/13/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/13/23	01/13/23	
<i>Surrogate: n-Nonane</i>						
		106 %	50-200	01/13/23	01/13/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2302076
Chloride	70.8	20.0	1	01/13/23	01/13/23	



Sample Data

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

Project Name: Flagler 8 Fed #8
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/17/2023 2:08:09PM

S2 - 4'

E301051-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2302078
Benzene	ND	0.0250	1	01/13/23	01/16/23	
Ethylbenzene	ND	0.0250	1	01/13/23	01/16/23	
Toluene	ND	0.0250	1	01/13/23	01/16/23	
o-Xylene	ND	0.0250	1	01/13/23	01/16/23	
p,m-Xylene	ND	0.0500	1	01/13/23	01/16/23	
Total Xylenes	ND	0.0250	1	01/13/23	01/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	01/13/23	01/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2302078
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/13/23	01/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		86.8 %	70-130	01/13/23	01/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2302074
Diesel Range Organics (C10-C28)	ND	25.0	1	01/13/23	01/13/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/13/23	01/13/23	
<i>Surrogate: n-Nonane</i>						
		104 %	50-200	01/13/23	01/13/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2302076
Chloride	ND	20.0	1	01/13/23	01/13/23	



Sample Data

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

Project Name: Flagler 8 Fed #8
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/17/2023 2:08:09PM

S3 - 1'

E301051-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2302078
Benzene	ND	0.0250	1	01/13/23	01/16/23	
Ethylbenzene	ND	0.0250	1	01/13/23	01/16/23	
Toluene	ND	0.0250	1	01/13/23	01/16/23	
o-Xylene	ND	0.0250	1	01/13/23	01/16/23	
p,m-Xylene	ND	0.0500	1	01/13/23	01/16/23	
Total Xylenes	ND	0.0250	1	01/13/23	01/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.6 %	70-130		01/13/23	01/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2302078
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/13/23	01/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.4 %	70-130		01/13/23	01/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2302074
Diesel Range Organics (C10-C28)	ND	25.0	1	01/13/23	01/13/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/13/23	01/13/23	
<i>Surrogate: n-Nonane</i>						
	102 %	50-200		01/13/23	01/13/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2302076
Chloride	51.2	20.0	1	01/13/23	01/13/23	



Sample Data

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

Project Name: Flagler 8 Fed #8
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/17/2023 2:08:09PM

S3 - 2'

E301051-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2302078
Benzene	ND	0.0250	1	01/13/23	01/16/23	
Ethylbenzene	ND	0.0250	1	01/13/23	01/16/23	
Toluene	ND	0.0250	1	01/13/23	01/16/23	
o-Xylene	ND	0.0250	1	01/13/23	01/16/23	
p,m-Xylene	ND	0.0500	1	01/13/23	01/16/23	
Total Xylenes	ND	0.0250	1	01/13/23	01/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.9 %	70-130		01/13/23	01/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2302078
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/13/23	01/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.3 %	70-130		01/13/23	01/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2302074
Diesel Range Organics (C10-C28)	ND	25.0	1	01/13/23	01/13/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/13/23	01/13/23	
<i>Surrogate: n-Nonane</i>						
	99.3 %	50-200		01/13/23	01/13/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2302076
Chloride	ND	20.0	1	01/13/23	01/13/23	



Sample Data

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

Project Name: Flagler 8 Fed #8
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/17/2023 2:08:09PM

S4 - 1'

E301051-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2302078
Benzene	ND	0.0250	1	01/13/23	01/16/23	
Ethylbenzene	ND	0.0250	1	01/13/23	01/16/23	
Toluene	ND	0.0250	1	01/13/23	01/16/23	
o-Xylene	ND	0.0250	1	01/13/23	01/16/23	
p,m-Xylene	ND	0.0500	1	01/13/23	01/16/23	
Total Xylenes	ND	0.0250	1	01/13/23	01/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.9 %	70-130		01/13/23	01/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2302078
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/13/23	01/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.2 %	70-130		01/13/23	01/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2302074
Diesel Range Organics (C10-C28)	ND	25.0	1	01/13/23	01/13/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/13/23	01/13/23	
<i>Surrogate: n-Nonane</i>						
	106 %	50-200		01/13/23	01/13/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2302076
Chloride	1370	20.0	1	01/13/23	01/13/23	



Sample Data

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

Project Name: Flagler 8 Fed #8
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/17/2023 2:08:09PM

S4 - 2'

E301051-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2302078
Benzene	ND	0.0250	1	01/13/23	01/16/23	
Ethylbenzene	ND	0.0250	1	01/13/23	01/16/23	
Toluene	ND	0.0250	1	01/13/23	01/16/23	
o-Xylene	ND	0.0250	1	01/13/23	01/16/23	
p,m-Xylene	ND	0.0500	1	01/13/23	01/16/23	
Total Xylenes	ND	0.0250	1	01/13/23	01/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.9 %	70-130		01/13/23	01/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2302078
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/13/23	01/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.6 %	70-130		01/13/23	01/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2302074
Diesel Range Organics (C10-C28)	ND	25.0	1	01/13/23	01/13/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/13/23	01/13/23	
<i>Surrogate: n-Nonane</i>						
	104 %	50-200		01/13/23	01/13/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2302076
Chloride	56.2	20.0	1	01/13/23	01/13/23	



Sample Data

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

Project Name: Flagler 8 Fed #8
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/17/2023 2:08:09PM

S4 - 3'

E301051-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2302078
Benzene	ND	0.0250	1	01/13/23	01/16/23	
Ethylbenzene	ND	0.0250	1	01/13/23	01/16/23	
Toluene	ND	0.0250	1	01/13/23	01/16/23	
o-Xylene	ND	0.0250	1	01/13/23	01/16/23	
p,m-Xylene	ND	0.0500	1	01/13/23	01/16/23	
Total Xylenes	ND	0.0250	1	01/13/23	01/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.5 %	70-130		01/13/23	01/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2302078
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/13/23	01/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.6 %	70-130		01/13/23	01/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2302074
Diesel Range Organics (C10-C28)	ND	25.0	1	01/13/23	01/13/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/13/23	01/13/23	
<i>Surrogate: n-Nonane</i>						
	104 %	50-200		01/13/23	01/13/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2302076
Chloride	ND	20.0	1	01/13/23	01/13/23	



Sample Data

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

Project Name: Flagler 8 Fed #8
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/17/2023 2:08:09PM

SW1

E301051-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2302078
Benzene	ND	0.0250	1	01/13/23	01/16/23	
Ethylbenzene	ND	0.0250	1	01/13/23	01/16/23	
Toluene	ND	0.0250	1	01/13/23	01/16/23	
o-Xylene	ND	0.0250	1	01/13/23	01/16/23	
p,m-Xylene	ND	0.0500	1	01/13/23	01/16/23	
Total Xylenes	ND	0.0250	1	01/13/23	01/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	01/13/23	01/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2302078
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/13/23	01/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.4 %	70-130	01/13/23	01/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2302074
Diesel Range Organics (C10-C28)	ND	25.0	1	01/13/23	01/13/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/13/23	01/13/23	
<i>Surrogate: n-Nonane</i>						
		101 %	50-200	01/13/23	01/13/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2302076
Chloride	ND	20.0	1	01/13/23	01/13/23	



Sample Data

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

Project Name: Flagler 8 Fed #8
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/17/2023 2:08:09PM

SW2

E301051-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2302078
Benzene	ND	0.0250	1	01/13/23	01/16/23	
Ethylbenzene	ND	0.0250	1	01/13/23	01/16/23	
Toluene	ND	0.0250	1	01/13/23	01/16/23	
o-Xylene	ND	0.0250	1	01/13/23	01/16/23	
p,m-Xylene	ND	0.0500	1	01/13/23	01/16/23	
Total Xylenes	ND	0.0250	1	01/13/23	01/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.6 %	70-130		01/13/23	01/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2302078
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/13/23	01/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.9 %	70-130		01/13/23	01/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2302074
Diesel Range Organics (C10-C28)	ND	25.0	1	01/13/23	01/13/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/13/23	01/13/23	
<i>Surrogate: n-Nonane</i>						
	99.0 %	50-200		01/13/23	01/13/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2302076
Chloride	ND	20.0	1	01/13/23	01/13/23	



Sample Data

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

Project Name: Flagler 8 Fed #8
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/17/2023 2:08:09PM

SW3

E301051-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2302078
Benzene	ND	0.0250	1	01/13/23	01/16/23	
Ethylbenzene	ND	0.0250	1	01/13/23	01/16/23	
Toluene	ND	0.0250	1	01/13/23	01/16/23	
o-Xylene	ND	0.0250	1	01/13/23	01/16/23	
p,m-Xylene	ND	0.0500	1	01/13/23	01/16/23	
Total Xylenes	ND	0.0250	1	01/13/23	01/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.9 %	70-130		01/13/23	01/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2302078
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/13/23	01/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.7 %	70-130		01/13/23	01/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2302074
Diesel Range Organics (C10-C28)	ND	25.0	1	01/13/23	01/13/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/13/23	01/13/23	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		01/13/23	01/13/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2302076
Chloride	ND	20.0	1	01/13/23	01/13/23	



Sample Data

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

Project Name: Flagler 8 Fed #8
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/17/2023 2:08:09PM

SW4

E301051-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2302078
Benzene	ND	0.0250	1	01/13/23	01/16/23	
Ethylbenzene	ND	0.0250	1	01/13/23	01/16/23	
Toluene	ND	0.0250	1	01/13/23	01/16/23	
o-Xylene	ND	0.0250	1	01/13/23	01/16/23	
p,m-Xylene	ND	0.0500	1	01/13/23	01/16/23	
Total Xylenes	ND	0.0250	1	01/13/23	01/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.7 %	70-130		01/13/23	01/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2302078
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/13/23	01/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.5 %	70-130		01/13/23	01/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2302074
Diesel Range Organics (C10-C28)	ND	25.0	1	01/13/23	01/13/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/13/23	01/13/23	
<i>Surrogate: n-Nonane</i>						
	104 %	50-200		01/13/23	01/13/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2302076
Chloride	ND	20.0	1	01/13/23	01/13/23	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Flagler 8 Fed #8	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/17/2023 2:08:09PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2302078-BLK1)

Prepared: 01/13/23 Analyzed: 01/16/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.81		8.00		97.6	70-130			

LCS (2302078-BS1)

Prepared: 01/13/23 Analyzed: 01/16/23

Benzene	4.51	0.0250	5.00		90.2	70-130			
Ethylbenzene	4.75	0.0250	5.00		94.9	70-130			
Toluene	4.85	0.0250	5.00		97.0	70-130			
o-Xylene	4.95	0.0250	5.00		98.9	70-130			
p,m-Xylene	9.57	0.0500	10.0		95.6	70-130			
Total Xylenes	14.5	0.0250	15.0		96.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.07		8.00		101	70-130			

Matrix Spike (2302078-MS1)

Source: E301051-01

Prepared: 01/13/23 Analyzed: 01/16/23

Benzene	4.48	0.0250	5.00	ND	89.5	54-133			
Ethylbenzene	4.71	0.0250	5.00	ND	94.2	61-133			
Toluene	4.81	0.0250	5.00	ND	96.3	61-130			
o-Xylene	4.90	0.0250	5.00	ND	98.0	63-131			
p,m-Xylene	9.49	0.0500	10.0	ND	94.9	63-131			
Total Xylenes	14.4	0.0250	15.0	ND	95.9	63-131			
Surrogate: 4-Bromochlorobenzene-PID	8.00		8.00		100	70-130			

Matrix Spike Dup (2302078-MSD1)

Source: E301051-01

Prepared: 01/13/23 Analyzed: 01/16/23

Benzene	4.41	0.0250	5.00	ND	88.1	54-133	1.60	20	
Ethylbenzene	4.66	0.0250	5.00	ND	93.3	61-133	1.04	20	
Toluene	4.75	0.0250	5.00	ND	94.9	61-130	1.37	20	
o-Xylene	4.84	0.0250	5.00	ND	96.8	63-131	1.26	20	
p,m-Xylene	9.41	0.0500	10.0	ND	94.1	63-131	0.812	20	
Total Xylenes	14.2	0.0250	15.0	ND	95.0	63-131	0.965	20	
Surrogate: 4-Bromochlorobenzene-PID	7.95		8.00		99.3	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Flagler 8 Fed #8	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/17/2023 2:08:09PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2302078-BLK1) Prepared: 01/13/23 Analyzed: 01/16/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.25		8.00		90.7	70-130			

LCS (2302078-BS2) Prepared: 01/13/23 Analyzed: 01/16/23

Gasoline Range Organics (C6-C10)	44.6	20.0	50.0		89.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.45		8.00		93.1	70-130			

Matrix Spike (2302078-MS2) Source: E301051-01 Prepared: 01/13/23 Analyzed: 01/16/23

Gasoline Range Organics (C6-C10)	45.7	20.0	50.0	ND	91.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.33		8.00		91.6	70-130			

Matrix Spike Dup (2302078-MSD2) Source: E301051-01 Prepared: 01/13/23 Analyzed: 01/16/23

Gasoline Range Organics (C6-C10)	43.8	20.0	50.0	ND	87.6	70-130	4.39	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.22		8.00		90.3	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Flagler 8 Fed #8	Reported: 1/17/2023 2:08:09PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2302074-BLK1)					Prepared: 01/13/23 Analyzed: 01/13/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	55.6		50.0		111	50-200			

LCS (2302074-BS1)					Prepared: 01/13/23 Analyzed: 01/13/23				
Diesel Range Organics (C10-C28)	274	25.0	250		110	38-132			
Surrogate: n-Nonane	49.4		50.0		98.8	50-200			

Matrix Spike (2302074-MS1)					Source: E301051-01		Prepared: 01/13/23 Analyzed: 01/13/23		
Diesel Range Organics (C10-C28)	249	25.0	250	ND	99.7	38-132			
Surrogate: n-Nonane	47.3		50.0		94.7	50-200			

Matrix Spike Dup (2302074-MSD1)					Source: E301051-01		Prepared: 01/13/23 Analyzed: 01/13/23		
Diesel Range Organics (C10-C28)	258	25.0	250	ND	103	38-132	3.60	20	
Surrogate: n-Nonane	46.6		50.0		93.3	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Flagler 8 Fed #8	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/17/2023 2:08:09PM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2302076-BLK1)

Prepared: 01/13/23 Analyzed: 01/13/23

Chloride ND 20.0

LCS (2302076-BS1)

Prepared: 01/13/23 Analyzed: 01/13/23

Chloride 248 20.0 250 99.2 90-110

Matrix Spike (2302076-MS1)

Source: E301051-01

Prepared: 01/13/23 Analyzed: 01/13/23

Chloride 4210 200 250 4570 NR 80-120 M4

Matrix Spike Dup (2302076-MSD1)

Source: E301051-01

Prepared: 01/13/23 Analyzed: 01/13/23

Chloride 3960 200 250 4570 NR 80-120 6.12 20 M4

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:	Flagler 8 Fed #8	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	01/17/23 14:08

- M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

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 2

Client: Pima Environmental Services					Bill To		Lab Use Only				TAT				EPA Program	
Project: <u>Flapley 8 Fed #8</u>					Attention: <u>Devon Energy</u>		Lab WO# <u>E301051</u>		Job Number <u>01058-0007</u>		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Tom Bynum					Address:		Analysis and Method								RCRA	
Address: 5614 N. Lovington Hwy.					City, State, Zip											
City, State, Zip: Hobbs, NM, 88240					Phone:		State									
Phone: 580-748-1613					Email:											
Email: tom@pimaoil.com					Pima Project # <u>226</u>		NM CO UT AZ TX <input checked="" type="checkbox"/>									
Report due by:																
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC	NM	BGDOC	TX	Remarks
9:10	1/11/23	S	1	S1-1'	1											
9:15				S1-2'	2											
9:20				S1-3'	3											
9:25				S1-4'	4											
9:30				S2-1'	5											
9:35				S2-2'	6											
9:40				S2-3'	7											
9:45				S2-4'	8											
9:50				S3-1'	9											
9:55				S3-2'	10											
Additional Instructions: <u>Bill To Devon: 21076894-21105770</u>																
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: <u>Audriana Benavides</u>																
Relinquished by: (Signature) <u>AB</u>		Date <u>1-12-23</u>	Time <u>2:00</u>	Received by: (Signature) <u>Micah Guevara</u>		Date <u>1-12-23</u>	Time <u>1400</u>	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days. Lab Use Only Received on ice: <u>(Y)</u> / N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>								
Relinquished by: (Signature) <u>Micah Guevara</u>		Date <u>1-12-23</u>	Time <u>1645</u>	Received by: (Signature) <u>Lorena</u>		Date <u>1-12-23</u>	Time <u>1700</u>									
Relinquished by: (Signature) <u>Lorena</u>		Date <u>1-12-23</u>	Time <u>2300</u>	Received by: (Signature) <u>Autla Chitu</u>		Date <u>1/13/23</u>	Time <u>8:10</u>									
Sample Matrix: <u>S</u> - Soil, <u>Sd</u> - Solid, <u>Sg</u> - Sludge, <u>A</u> - Aqueous, <u>O</u> - Other										Container Type: <u>g</u> - glass, <u>p</u> - poly/plastic, <u>ag</u> - amber glass, <u>v</u> - VOA						
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																

Project Information

Chain of Custody

Page 2 of 2

Client: Pima Environmental Services					Bill To		Lab Use Only				TAT				EPA Program	
Project: <u>Flagler 8 Fed #8</u>					Attention: <u>Devon Energy</u>		Lab WO# <u>E 301051</u>		Job Number <u>01058-0007</u>		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Tom Bynum					Address:		Analysis and Method									
Address: 5614 N. Lovington Hwy.					City, State, Zip		DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0				
City, State, Zip Hobbs, NM. 88240					Phone:											
Phone: 580-748-1613					Email:											
Email: tom@pimaoil.com					Pima Project # <u>226</u>											
Report due by:																
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number											
10:00	1/11/23	S	1	S4-1'	11											
10:05				S4-2'	12											
10:10				S4-3'	13											
10:15				SW1	14											
10:20				SW2	15											
10:25				SW3	16											
10:30				SW4	17											
Additional Instructions: <u>Bill TO Devon: 21076894 ^{WHA} 21105770</u>																
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: <u>Audriana Benavides</u>																
Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.																
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only								
<u>AB</u>		1-12-23	2:00	<u>Audriana Benavides</u>		1-12-23	1400	Received on ice: <u>Y</u> / N								
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 T2 T3								
<u>Audriana Benavides</u>		1-12-23	1645	<u>Lorenzo Feri</u>		1-12-23	1700									
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	AVG Temp °C <u>4</u>								
<u>Lorenzo Feri</u>		1-12-23	2300	<u>Caitlin Chtr</u>		1/13/23	8:10									
Sample Matrix: S - Soil, sd - Solid, Sg - Sludge, A - Aqueous, O - Other																
Container Type: <u>g</u> - glass, <u>p</u> - poly/plastic, <u>ag</u> - amber glass, <u>v</u> - VOA																
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																

Envirotech Analytical Laboratory

Printed: 1/13/2023 8:58:16AM

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:	01/13/23 08:10	Work Order ID:	E301051
Phone:	(575) 631-6977	Date Logged In:	01/12/23 16:40	Logged In By:	Caitlin Christian
Email:	tom@pimaoil.com	Due Date:	01/19/23 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Tom Bynum



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Flagler 8 Fed 8H

Work Order: E302085

Job Number: 01058-0007

Received: 2/21/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/22/23

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 2/22/23

Tom Bynum
PO Box 247
Plains, TX 79355-0247



Project Name: Flagler 8 Fed 8H
Workorder: E302085
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: Flagler 8 Fed 8H.

The analytical test results summarized in this report with the Project Name: Flagler 8 Fed 8H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

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

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ljjarboe@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Flagler 8 Fed 8H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	02/22/23 11:41

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS1	E302085-01A	Soil	02/18/23	02/21/23	Glass Jar, 2 oz.
CS2	E302085-02A	Soil	02/18/23	02/21/23	Glass Jar, 2 oz.
CS3	E302085-03A	Soil	02/18/23	02/21/23	Glass Jar, 2 oz.
CS4	E302085-04A	Soil	02/18/23	02/21/23	Glass Jar, 2 oz.
CS5	E302085-05A	Soil	02/18/23	02/21/23	Glass Jar, 2 oz.
CS6	E302085-06A	Soil	02/18/23	02/21/23	Glass Jar, 2 oz.
CSW1	E302085-07A	Soil	02/18/23	02/21/23	Glass Jar, 2 oz.
CSW2	E302085-08A	Soil	02/18/23	02/21/23	Glass Jar, 2 oz.
CSW3	E302085-09A	Soil	02/18/23	02/21/23	Glass Jar, 2 oz.
CSW4	E302085-10A	Soil	02/18/23	02/21/23	Glass Jar, 2 oz.
CSW5	E302085-11A	Soil	02/18/23	02/21/23	Glass Jar, 2 oz.
CSW6	E302085-12A	Soil	02/18/23	02/21/23	Glass Jar, 2 oz.
CSW7	E302085-13A	Soil	02/18/23	02/21/23	Glass Jar, 2 oz.
CSW8	E302085-14A	Soil	02/18/23	02/21/23	Glass Jar, 2 oz.
CSW9	E302085-15A	Soil	02/18/23	02/21/23	Glass Jar, 2 oz.
CSW10	E302085-16A	Soil	02/18/23	02/21/23	Glass Jar, 2 oz.
CSW11	E302085-17A	Soil	02/18/23	02/21/23	Glass Jar, 2 oz.
CSW12	E302085-18A	Soil	02/18/23	02/21/23	Glass Jar, 2 oz.



Sample Data

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

Project Name: Flagler 8 Fed 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/22/2023 11:41:43AM

CS1

E302085-01

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	99.0 %	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	87.0 %	70-130		02/20/23	02/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2308012
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: 2308017
Chloride	ND	20.0	1	02/21/23	02/21/23	



Sample Data

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

Project Name: Flagler 8 Fed 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/22/2023 11:41:43AM

CS2

E302085-02

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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.8 %	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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	87.7 %	70-130		02/20/23	02/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2308012
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	
<i>Surrogate: n-Nonane</i>						
	100 %	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	



Sample Data

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

Project Name: Flagler 8 Fed 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/22/2023 11:41:43AM

CS3

E302085-03

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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.8 %	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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	87.8 %	70-130		02/20/23	02/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2308012
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	
<i>Surrogate: n-Nonane</i>						
	98.6 %	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	



Sample Data

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

Project Name: Flagler 8 Fed 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/22/2023 11:41:43AM

CS4

E302085-04

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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.7 %	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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	87.4 %	70-130		02/20/23	02/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2308012
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	
<i>Surrogate: n-Nonane</i>						
	102 %	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	



Sample Data

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

Project Name: Flagler 8 Fed 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/22/2023 11:41:43AM

CS5

E302085-05

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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.6 %	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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.1 %	70-130		02/20/23	02/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2308012
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	
<i>Surrogate: n-Nonane</i>						
	102 %	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	



Sample Data

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

Project Name: Flagler 8 Fed 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/22/2023 11:41:43AM

CS6

E302085-06

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	99.2 %	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	86.6 %	70-130		02/20/23	02/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2308012
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	96.5 %	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	



Sample Data

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

Project Name: Flagler 8 Fed 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/22/2023 11:41:43AM

CSW1

E302085-07

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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		86.5 %	70-130	02/20/23	02/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2308012
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	
<i>Surrogate: n-Nonane</i>						
		98.1 %	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	



Sample Data

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

Project Name: Flagler 8 Fed 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/22/2023 11:41:43AM

CSW2

E302085-08

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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		87.2 %	70-130	02/20/23	02/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2308012
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	
<i>Surrogate: n-Nonane</i>						
		101 %	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	



Sample Data

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

Project Name: Flagler 8 Fed 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/22/2023 11:41:43AM

CSW3

E302085-09

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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.5 %	70-130	02/20/23	02/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2308012
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	
<i>Surrogate: n-Nonane</i>						
		103 %	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	



Sample Data

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

Project Name: Flagler 8 Fed 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/22/2023 11:41:43AM

CSW4

E302085-10

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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		106 %	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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.7 %	70-130	02/20/23	02/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2308012
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	
<i>Surrogate: n-Nonane</i>						
		104 %	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	



Sample Data

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

Project Name: Flagler 8 Fed 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/22/2023 11:41:43AM

CSW5

E302085-11

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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.2 %	70-130	02/20/23	02/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2308012
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	
<i>Surrogate: n-Nonane</i>						
		89.4 %	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	



Sample Data

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

Project Name: Flagler 8 Fed 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/22/2023 11:41:43AM

CSW6

E302085-12

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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.3 %	70-130	02/20/23	02/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2308012
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	
<i>Surrogate: n-Nonane</i>						
		94.3 %	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	



Sample Data

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

Project Name: Flagler 8 Fed 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/22/2023 11:41:43AM

CSW7

E302085-13

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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.6 %	70-130	02/20/23	02/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2308012
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	
<i>Surrogate: n-Nonane</i>						
		94.3 %	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	



Sample Data

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

Project Name: Flagler 8 Fed 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/22/2023 11:41:43AM

CSW8

E302085-14

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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		107 %	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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.0 %	70-130	02/20/23	02/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2308012
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	
<i>Surrogate: n-Nonane</i>						
		95.1 %	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	



Sample Data

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

Project Name: Flagler 8 Fed 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/22/2023 11:41:43AM

CSW9

E302085-15

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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		107 %	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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.0 %	70-130	02/20/23	02/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2308012
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	
<i>Surrogate: n-Nonane</i>						
		107 %	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	



Sample Data

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

Project Name: Flagler 8 Fed 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/22/2023 11:41:43AM

CSW10

E302085-16

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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		108 %	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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.5 %	70-130	02/20/23	02/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2308012
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	
<i>Surrogate: n-Nonane</i>						
		108 %	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	



Sample Data

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

Project Name: Flagler 8 Fed 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/22/2023 11:41:43AM

CSW11

E302085-17

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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.4 %	70-130	02/20/23	02/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2308012
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	
<i>Surrogate: n-Nonane</i>						
		104 %	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	



Sample Data

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

Project Name: Flagler 8 Fed 8H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/22/2023 11:41:43AM

CSW12

E302085-18

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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.2 %	70-130	02/20/23	02/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2308012
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	
<i>Surrogate: n-Nonane</i>						
		107 %	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:	Flagler 8 Fed 8H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/22/2023 11:41:43AM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (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:	Flagler 8 Fed 8H	Reported: 2/22/2023 11:41:43AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (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:	Flagler 8 Fed 8H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/22/2023 11:41:43AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2308012-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	54.9		50.0		110	50-200			

LCS (2308012-BS1)

Prepared: 02/21/23 Analyzed: 02/21/23

Diesel Range Organics (C10-C28)	225	25.0	250		90.2	38-132			
Surrogate: n-Nonane	50.7		50.0		101	50-200			

Matrix Spike (2308012-MS1)

Source: E302085-08

Prepared: 02/21/23 Analyzed: 02/21/23

Diesel Range Organics (C10-C28)	247	25.0	250	ND	99.0	38-132			
Surrogate: n-Nonane	56.6		50.0		113	50-200			

Matrix Spike Dup (2308012-MSD1)

Source: E302085-08

Prepared: 02/21/23 Analyzed: 02/21/23

Diesel Range Organics (C10-C28)	222	25.0	250	ND	88.7	38-132	11.0	20	
Surrogate: n-Nonane	48.9		50.0		97.8	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Flagler 8 Fed 8H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/22/2023 11:41:43AM

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:	Flagler 8 Fed 8H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	02/22/23 11:41

- 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 2

Client: Pima Environmental Services Project: <u>Flagler 8 Fed 8H</u> Project Manager: Tom Bynum Address: 5614 N. Lovington Hwy. City, State, Zip: Hobbs, NM, 88240 Phone: 580-748-1613 Email: tom@pimaoil.com Report due by:					Bill To Attention: <u>Devon</u> Address: City, State, Zip: Phone: Email: Pima Project # <u>2260</u>					Lab Use Only Lab WO# <u>E 302085</u> Job Number <u>01058-0007</u> Analysis and Method					TAT 1D 2D 3D Standard				EPA Program CWA SDWA RCRA										
															State NM CO UT AZ TX														
															Remarks														
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX																
8:00	2/18/23	S	1	CS1	1							X																	
8:05				CS2	2																								
8:10				CS3	3																								
8:15				CS4	4																								
8:20				CS5	5																								
8:25				CS6	6																								
8:30				CSW1	7																								
8:35				CSW2	8																								
8:40				CSW3	9																								
8:45				CSW4	10																								
Additional Instructions:					Billing Number: 21105770																								
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.															Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 5 °C on subsequent days.														
Relinquished by: (Signature) <u>AB</u>					Date <u>2/20/23</u> Time <u>2:00</u>					Received by: (Signature) <u>Mirabelle Cangel</u>					Date <u>2-20-23</u> Time <u>1400</u>					Lab Use Only Received on ice: <u>Y</u> / N									
Relinquished by: (Signature) <u>Mirabelle Cangel</u>					Date <u>2-20-23</u> Time <u>1630</u>					Received by: (Signature) <u>Lorenzo Lei</u>					Date <u>2-20-23</u> Time <u>1645</u>					T1 T2 T3									
Relinquished by: (Signature) <u>Lorenzo Lei</u>					Date <u>2-20-23</u> Time <u>2230</u>					Received by: (Signature) <u>Kyle Hall</u>					Date <u>2-21-23</u> Time <u>0700</u>					AVG Temp °C <u>4.0</u>									
Sample Matrix: S - Soil, Ed - Solid, Sg - Sludge, A - Aqueous, O - Other															Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA														
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																													



Project Information

Chain of Custody

Page 2 of 2

Client: Pima Environmental Services Project: <u>Flagler 8 Fed 8H</u> Project Manager: Tom Bynum Address: 56 14 N. Lovington Hwy. City, State, Zip: <u>Hobbs, NM, 88240</u> Phone: <u>580-748-1613</u> Email: <u>tom@pimaoil.com</u> Report due by:				Bill To Attention: <u>Devon</u> Address: City, State, Zip: Phone: Email: Pima Project # <u>226</u>				Lab Use Only Lab WO# <u>E 302085</u> Job Number <u>1058-007</u> Analysis and Method				TAT 1D <input checked="" type="checkbox"/> 2D <input type="checkbox"/> 3D <input type="checkbox"/> Standard				EPA Program CWA <input type="checkbox"/> SDWA <input type="checkbox"/> RCRA <input type="checkbox"/>	
								State NM <input checked="" type="checkbox"/> CO <input type="checkbox"/> UT <input type="checkbox"/> AZ <input type="checkbox"/> TX <input type="checkbox"/>									
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks			
8:50	2/18/23	S	1	CSW5	11							X					
8:55				CSW6	12												
9:00				CSW7	13												
9:05				CSW8	14												
9:10				CSW9	15												
9:15				CSW10	16												
9:20				CSW11	17												
9:25				CSW12	18												
Additional Instructions: <u>Billing Number: 21105770</u>																	
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																	
Relinquished by: (Signature) <u>[Signature]</u> Date <u>2/20/23</u> Time <u>2:00</u> Received by: (Signature) <u>[Signature]</u> Date <u>2-20-23</u> Time <u>1400</u>																	
Relinquished by: (Signature) <u>[Signature]</u> Date <u>2-20-23</u> Time <u>1630</u> Received by: (Signature) <u>[Signature]</u> Date <u>2-20-23</u> Time <u>1645</u>																	
Relinquished by: (Signature) <u>[Signature]</u> Date <u>2-20-23</u> Time <u>2230</u> Received by: (Signature) <u>[Signature]</u> Date <u>2/21/23</u> Time <u>0700</u>																	
Sample Matrix: <u>S</u> - Sol, <u>Sd</u> - Solid, <u>Sg</u> - Sludge, <u>A</u> - Aqueous, <u>O</u> - Other																	
Container Type: <u>g</u> - glass, <u>p</u> - poly/plastic, <u>ag</u> - amber glass, <u>v</u> - VOA																	
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																	



Envirotech Analytical Laboratory

Printed: 2/21/2023 8:38:10AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	02/21/23 07:00	Work Order ID:	E302085
Phone:	(575) 631-6977	Date Logged In:	02/20/23 13:09	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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

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 223007

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 223007
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	None	12/27/2023