

PRAIRIE FIRE 30 FACILITY 1

nAPP2419022958 Remediation Closure Report



For Devon Energy Production, LP
By Pima Environmental Services, LLC

September 5, 2024

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

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

Re: Remediation Closure Report
Prairie Fire 30 Facility 1 Facility ID fAPP2229225101
NMOCD Incident ID nAPP2419022958
GPS: Latitude 32.5386881 Longitude -104.0172097
ULSTR - L - 30 - 20S - 30E 611 FSL 868 FWL Eddy County, NM

This produced water release was discovered by the operator on July 7, 2024. The initial Notification of Release was submitted and approved on July 8, 2024 (OCD Online: Permitting – Application ID 361421). The initial C-141 form was submitted and approved on July 9, 2024 (OCD Online: Permitting – Application ID 362091). This incident was assigned Incident ID nAPP2419022958 by the New Mexico Oil Conservation Division (NMOCD).

Site Characterization

The Prairie Fire 30 Facility 1 (Prairie) release area is located approximately fourteen (14) miles northeast of Carlsbad, NM. It is in Unit L, Section 30, Township 20S, Range 30E, Latitude 32.5386881 Longitude -104.0172097, Eddy County, NM. Figure 1 references a Location Map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is Older alluvial deposits of upland plains, piedmont areas, calcic soils, eolian cover sediments of High Plains region. Includes scattered lacustrine, playa, and alluvial deposits of the Tahoka, Double Tanks, Tule, Blanco, Blackwater Draw, and Gatuna Formations, the latter of which may be Pliocene at base; outcrops, however, are basically of Quaternary deposits. The soil in this area is made up of Pajarito loamy fine sand, 0 to 3 percent slopes, eroded 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. Reference Figure 2 for a Topographic Map. There is a high potential for karst geology to be present around the Prairie (Figure 3).

According to the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is 170 feet below grade surface (bgs); information provided by CP-00419 which is situated approximately 1.56 miles away from this site. According to the United States Geological Survey, USGS 323153104002301 20S.30E.31.23224 well shows the nearest groundwater is 100 feet bgs with the last gauge conducted in 1979. This well is approximately 1.2 miles away from this site. The closure criteria for this release will be classified under the less than 50 feet depth to groundwater section of Table 1 19.15.29.12 NMAC. The closest surface water body is a Salt Pond located approximately 3.4 miles to the north of this location. See Appendix A for referenced Water Surveys and Water-Related Maps.

Release Information

nAPP2419022958: On July 7, 2024, Operator arrived at location and found oil/water mixture on pad after a rain event due to sump overflow. No shut in required. 15 bbls recovered. 16.4 bbls estimated overflowed due to rain.

Site Assessment and Delineation Activities

On July 11, 2024, Pima mobilized personnel to the site to begin collecting soil samples of the release area for delineation. Twenty-five (25) discreet samples were collected from within the release area for the purpose of determining vertical delineation. These samples were collected from 5 different sample points and from depths of surface, 1', 2', 3', and 4' bgs. Six (6) composite samples were collected from the edges of the release for the purpose of determining horizontal delineation. These composites consisted of samples from depth intervals at surface, 1', 2', 3', and 4' bgs. One (1) sample was collected from the pasture area adjacent to the pad as a background from a depth of 1' bgs. All samples were collected, put on ice, jarred, and delivered to Envirotech Analytical Laboratories for official testing. All samples were tested for all constituents. The laboratory results of this sampling event can be

found in the Delineation Data Table referenced in Figure 4. A corresponding Delineation Map can be found in Figure 5 with all sample points labeled and the current image of the release area represented. Photographic Documentation can be found in Appendix D.

On July 22, 2024, Pima personnel returned to the site to complete the delineation process and collect an additional soil sample from the S3 sample point area. This sample was collected from a depth of 5' bgs, put on ice, jarred, and delivered to Envirotech Analytical Laboratories for official testing of all constituents listed in Table 1 19.15.29.12 NMAC. The results of this sampling event can also be found in Figure 4. A total of 33 samples were collected during the combined sampling events.

On August 27, 2024, Pima Environmental and the Devon construction department began excavating the release area to various depths. The area surrounding sample points S1, S2, S4, and S5 were excavated to an approximate depth of 1.5' bgs. The area surrounding sample point S3 was excavated to an approximate depth of 4' bgs. The combined total excavated area measured 888 square feet, and the total volume of contaminated soil removed was 68 cubic yards.

On August 28, 2024, Devon submitted a 48-hour notification of sampling event for the confirmation sampling of the excavated area. The sampling event was approved by the NMOCDC the same day (OCD Online: Permitting – Application ID 378603) (Appendix C).

On August 30, 2024, after the approval of the sampling event notification, Pima personnel returned to the site to collect confirmation samples of the excavated areas. Five (5) composite base samples were collected from the floors of the excavation. These composite samples were representative of no more than 200 square feet of the base areas of the excavation. Three (3) composite wall samples were collected from the walls of the excavations. These composite samples were representative of no more than 50 linear feet of the wall areas of the excavation. All samples were put on ice, jarred, then delivered to Envirotech Analytical Laboratories for official analysis of all constituents listed in Table 1 19.15.29.12 NMAC. The results of this sampling event can be found in the Confirmation Data Table referenced in Figure 6. A corresponding Confirmation Sample Map can be found in Figure 7. Complete Laboratory Reports can be referenced in Appendix E.

Closure Request

Based on the laboratory results, the contamination levels are under the regulatory limits as per the less than 50 feet depth to groundwater section of Table 1 19.15.29.12 NMAC.

Devon requests that this incident, nAPP2419022958, be closed. Devon has complied with the applicable closure requirements outlined in rule 19.15.19.12 NMAC and understands that reclamation of this pad area once it is no longer needed for production or subsequent drilling operations will require an approved reclamation plan addressing a minimum of four feet of non-waste containing earthen material.

Should you have any questions or need additional information, please feel free to contact:

Devon Energy – Dale Woodall – dale.woodall@devon.com – 575-748-0167

Pima Environmental – Tom Bynum – tom@pimaoil.com – 580-748-1613

Attachments

Figures:

- 1- Location Map
- 2- Topographic Map
- 3- Karst Map
- 4- Delineation Data Table
- 5- Delineation Map
- 6- Confirmation Data Table
- 7- Confirmation Sample Map

Appendices:

- Appendix A – Referenced Water Surveys & Water-Related Maps
- Appendix B – Soil Survey & Geological Data
- Appendix C – 48-Hour Notifications
- Appendix D – Photographic Documentation
- Appendix E – Laboratory Reports

Figures

1 – Location Map

2 – Topographic Map

3 – Karst Map

4 – Delineation Data Table

5 – Delineation Map

6 – Confirmation Data Table

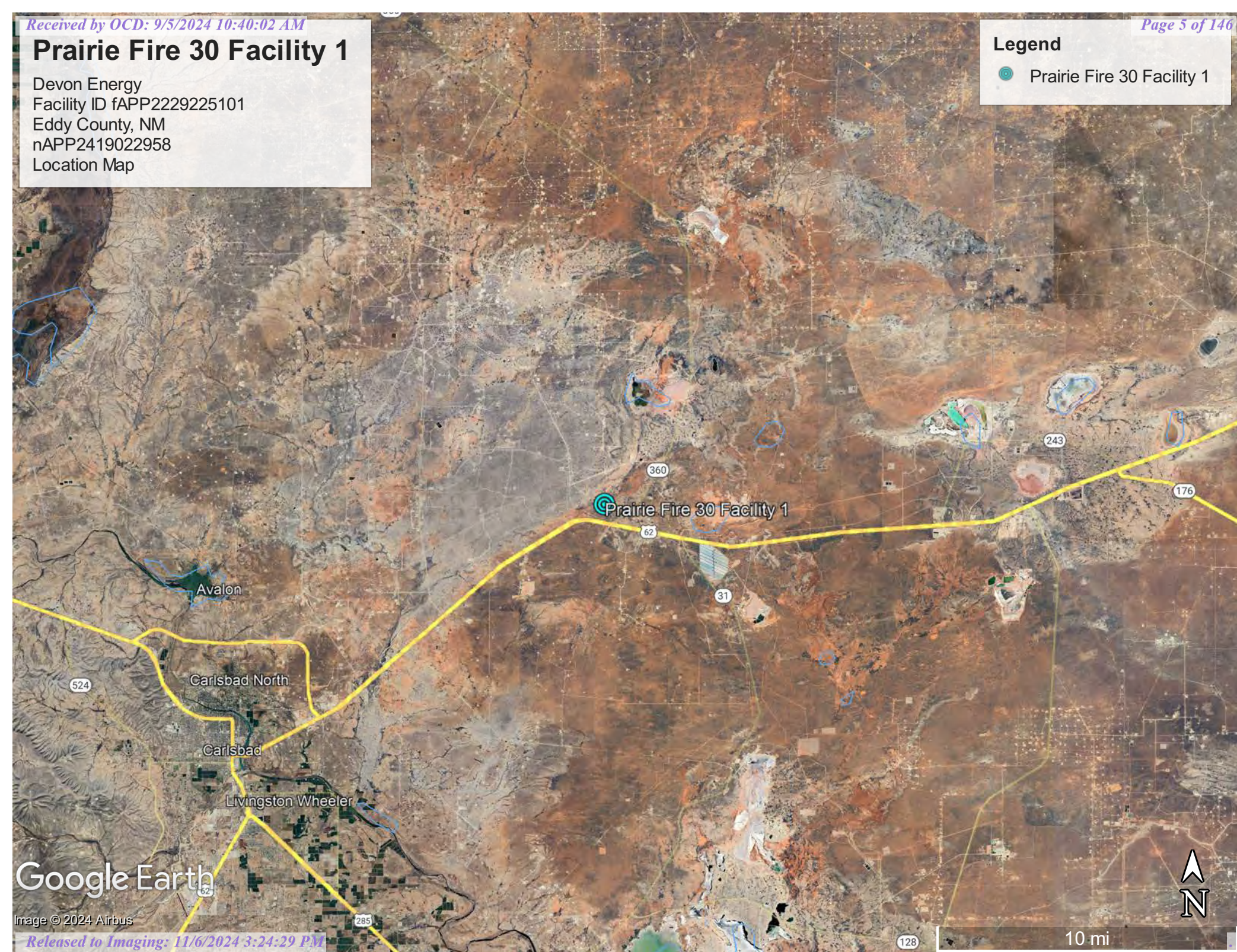
7 – Confirmation Sample Map

Prairie Fire 30 Facility 1

Devon Energy
Facility ID fAPP2229225101
Eddy County, NM
nAPP2419022958
Location Map

Legend

 Prairie Fire 30 Facility 1



Google Earth

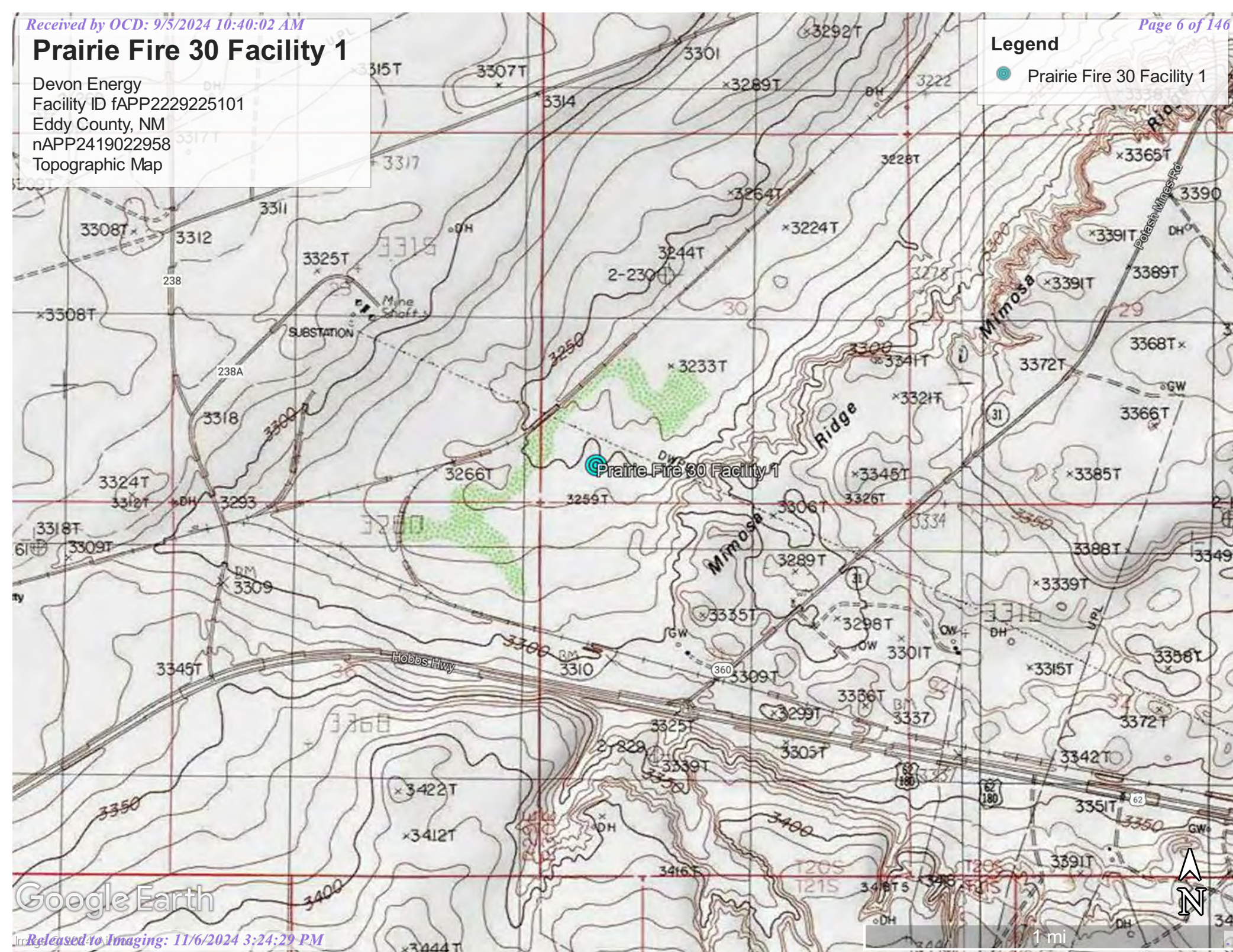
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Prairie Fire 30 Facility 1

Devon Energy
Facility ID fAPP2229225101
Eddy County, NM
nAPP2419022958
Topographic Map

Legend

 Prairie Fire 30 Facility 1

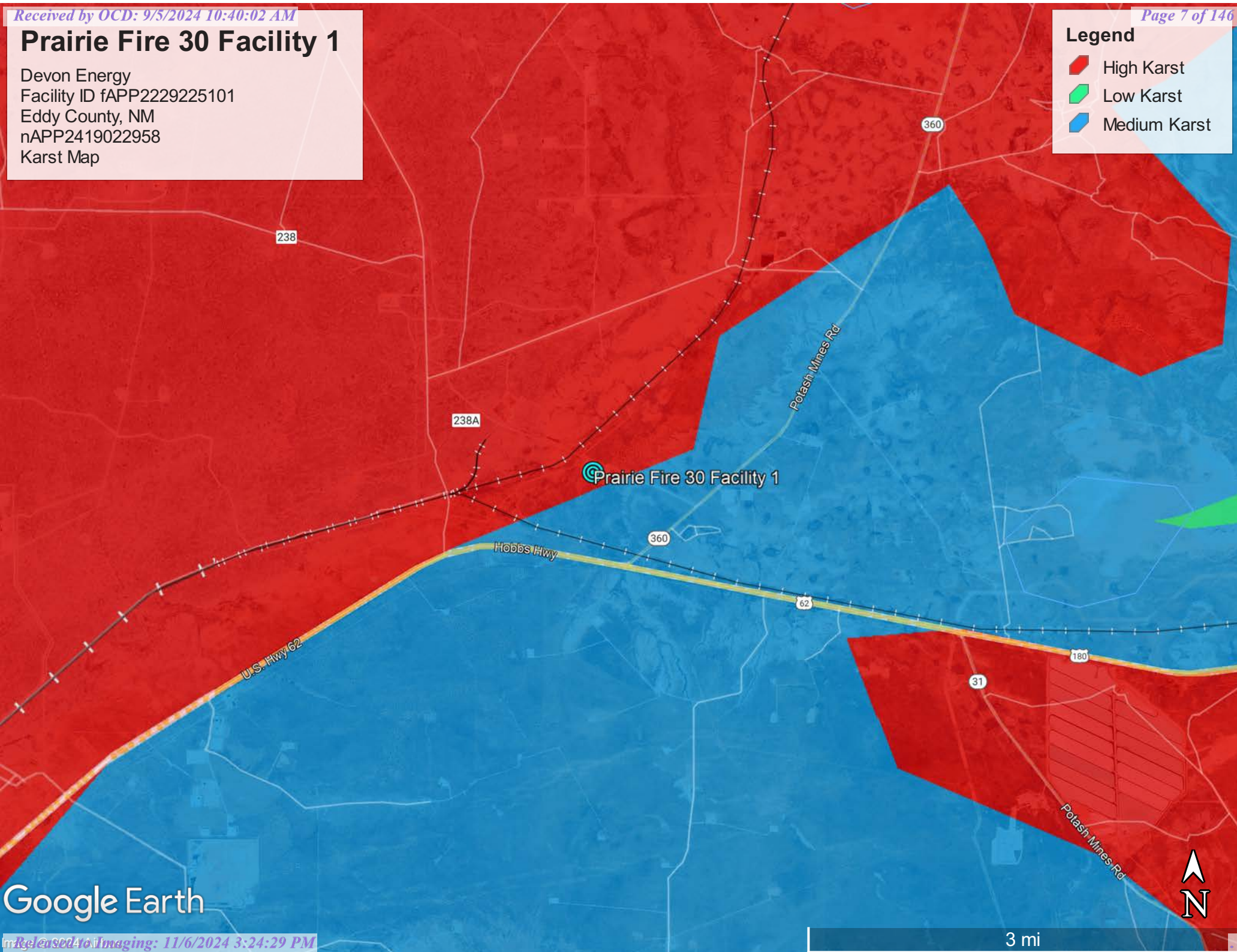


Prairie Fire 30 Facility 1

Devon Energy
Facility ID fAPP2229225101
Eddy County, NM
nAPP2419022958
Karst Map

Legend

- High Karst
- Low Karst
- Medium Karst



Google Earth

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')									
Devon Energy - Prairie Fire 30 Facility 1 - nAPP2419022958									
Date: 7/11/24			NM Approved Laboratory Results						
Sample ID	Date	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	CI mg/kg
S1-Surface	7/11/2024	0	ND	ND	ND	161	173	334	603
S1-1'	7/11/2024	1'	ND	ND	ND	ND	143	143	133
S1-2'	7/11/2024	2'	ND	ND	ND	ND	ND	0	31.5
S1-3'	7/11/2024	3'	ND	ND	ND	ND	ND	0	28.2
S1-4'	7/11/2024	4'	ND	ND	ND	ND	ND	0	48.2
S2-Surface	7/11/2024	0	ND	ND	ND	124	150	274	605
S2-1'	7/11/2024	1'	ND	ND	ND	ND	125	125	ND
S2-2'	7/11/2024	2'	ND	ND	ND	ND	ND	0	30.4
S2-3'	7/11/2024	3'	ND	ND	ND	ND	ND	0	477
S2-4'	7/11/2024	4'	ND	ND	ND	ND	ND	0	403
S3-Surface	7/11/2024	0	ND	ND	ND	ND	ND	0	524
S3-1'	7/11/2024	1'	ND	ND	ND	141	144	285	46.3
S3-2'	7/11/2024	2'	ND	ND	ND	ND	ND	0	ND
S3-3'	7/11/2024	3'	ND	ND	ND	ND	ND	0	158
S3-4'	7/11/2024	4'	ND	ND	ND	ND	ND	0	723
S3-5'	7/22/2024	5'	ND	ND	ND	ND	ND	0	ND
S4-Surface	7/11/2024	0	ND	ND	ND	ND	ND	0	34.8
S4-1'	7/11/2024	1'	ND	ND	ND	254	1970	2224	222
S4-2'	7/11/2024	2'	ND	ND	ND	ND	ND	0	ND
S4-3'	7/11/2024	3'	ND	ND	ND	ND	ND	0	67.7
S4-4'	7/11/2024	4'	ND	ND	ND	ND	ND	0	36
S5-Surface	7/11/2024	0	ND	ND	ND	137	1390	1527	ND
S5-1'	7/11/2024	1'	ND	ND	ND	ND	135	135	146
S5-2'	7/11/2024	2'	ND	ND	ND	ND	ND	0	ND
S5-3'	7/11/2024	3'	ND	ND	ND	ND	ND	0	37.7
S5-4'	7/11/2024	4'	ND	ND	ND	ND	ND	0	70.9
SW1-0.4'	7/11/2024	0-4' Comp	ND	ND	ND	ND	ND	0	40.6
SW2-0.4'	7/11/2024	0-4' Comp	ND	ND	ND	ND	ND	0	44
SW3-0.4'	7/11/2024	0-4' Comp	ND	ND	ND	ND	ND	0	41.9
SW4-0.4'	7/11/2024	0-4' Comp	ND	ND	ND	ND	ND	0	ND
SW5-0.4'	7/11/2024	0-4' Comp	ND	ND	ND	ND	ND	0	43.8
SW6-0.4'	7/11/2024	0-4' Comp	ND	ND	ND	ND	ND	0	39.9
BG1-1'	7/11/2024	1'	ND	ND	ND	ND	ND	0	38

Prairie Fire 30 Facility 1

Devon Energy
Facility ID fAPP2229225101
Eddy County, NM
nAPP2419022958
Delineation Map

Legend

- Background sample
- Compressors
- Horizontal delineation samples
- Release area - 888 sqft
- Vertical delineation samples

Prairie Fire 30 Facility 1

32.538295, -104.017268



BG1



100 ft

Google Earth

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NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
Devon Energy - Prairie Fire 30 Facility 1 - nAPP2419022958								
Date: 8/30/24		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	CI mg/kg
CS1-1.5'	1.5'	ND	ND	ND	ND	ND	0	ND
CS2-1.5'	1.5'	ND	ND	ND	ND	ND	0	ND
CS3-4'	4'	ND	ND	ND	ND	ND	0	ND
CS4-1.5'	1.5'	ND	ND	ND	ND	ND	0	ND
CS5-1.5'	1.5'	ND	ND	ND	ND	ND	0	ND
CSW1-1.5'	1.5'	ND	ND	ND	ND	ND	0	ND
CSW2-4'	4'	ND	ND	ND	ND	ND	0	ND
CSW3-1.5'	1.5'	ND	ND	ND	ND	ND	0	ND
Backfill 1	0	ND	ND	ND	ND	ND	0	ND
Backfill 2	0	ND	ND	ND	ND	ND	0	ND
Backfill 3	0	ND	ND	ND	ND	ND	0	ND

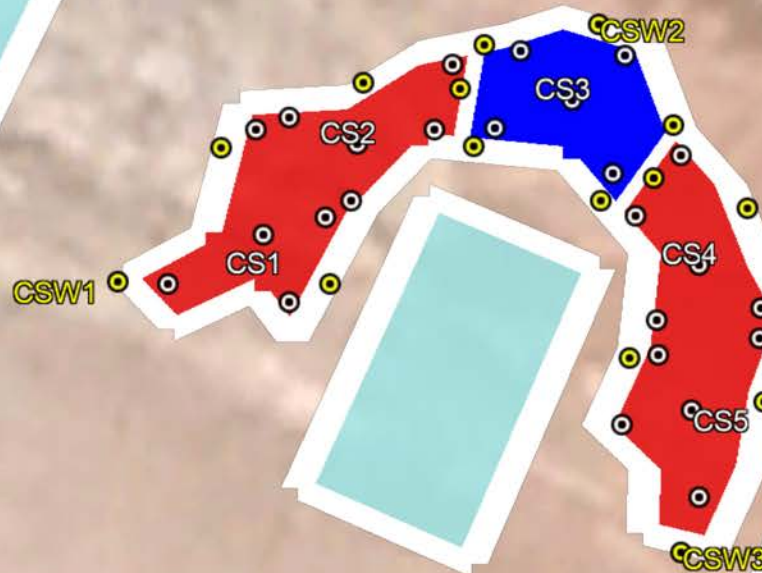
Prairie Fire 30 Facility 1

Devon Energy
Facility ID fAPP2229225101
Eddy County, NM
nAPP2419022958
Confirmation Sample Map

Legend

-  1.5' Excavation - 688 sqft
-  4' Excavation - 200 sqft
-  Compressors
-  Confirmation base samples
-  Confirmation wall samples

 32.538295, -104.017268



Google Earth

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60 ft

Appendix A

Water Surveys

Water-Related Maps



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
CP 00419		CP	ED	4	3	32	20S	30E		594250	3599003*	2514	262	170	92
CP 01629 POD1		CP	ED	4	3	2	19	20S	30E	593060	3602968	2517	141	102	39
CP 01908 POD1		CP	ED	4	4	3	26	20S	29E	589592	3600462	2696	707	260	447
CP 01202 POD1		CP	ED	4	4	3	26	20S	29E	589569	3600512	2717	173	158	15
CP 01800 POD1		CP	ED	3	3	4	32	20S	30E	594590	3598885	2856	227	214	13
CP 01959 POD1		CP	ED	3	4	1	20	20S	30E	594008	3602883	2881	210	14	196

Average Depth to Water: **153 feet**

Minimum Depth: **14 feet**

Maximum Depth: **260 feet**

Record Count: 6

UTM NAD83 Radius Search (in meters):

Easting (X): 592285.75

Northing (Y): 3600572.89

Radius: 3000

*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.

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WATER COLUMN/ AVERAGE DEPTH TO WATER



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)						(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	CP 00419		4	3	32	20S	30E	594250	3599003* 
Driller License:		46	Driller Company:			ABBOTT BROTHERS COMPANY			
Driller Name:		ABBOTT, MURRELL							
Drill Start Date:		11/18/1966	Drill Finish Date:			11/19/1966	Plug Date:		
Log File Date:		12/01/1966	PCW Rev Date:				Source:		Shallow
Pump Type:			Pipe Discharge Size:				Estimated Yield:		
Casing Size:		7.00	Depth Well:			262 feet	Depth Water:		170 feet
Water Bearing Stratifications:				Top	Bottom	Description			
				195	256	Sandstone/Gravel/Conglomerate			
Casing Perforations:				Top	Bottom				
				198	262				

*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.

7/9/24 12:49 PM

POINT OF DIVERSION SUMMARY

OSE POD Location Map



7/9/2024, 2:00:12 PM

GIS WATERS PODs

● Active

●

Water Right Regulations

Artesian Planning Area

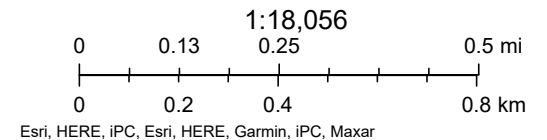
New Mexico State Trust Lands

Both Estates

NHD Flowlines

Stream River

Subsurface Estate





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[Contact USGS](#)
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National Water Information System: Web Interface

USGS Water Resources

Data Category:

Groundwater

Geographic Area:

United States

GO

Click to hide News Bulletins

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

Groundwater levels for the Nation



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

Search Results -- 1 sites found

site_no list =

- 323153104002301

Minimum number of levels = 1

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

USGS 323153104002301 20S.30E.31.23224

Available data for this site

Groundwater: Field measurements

GO

Eddy County, New Mexico

Hydrologic Unit Code 13060011

Latitude 32°31'53", Longitude 104°00'23" NAD27

Land-surface elevation 3,299 feet above NAVD88

The depth of the well is 180 feet below land surface.

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

This well is completed in the Rustler Formation (312RSLR) local aquifer.

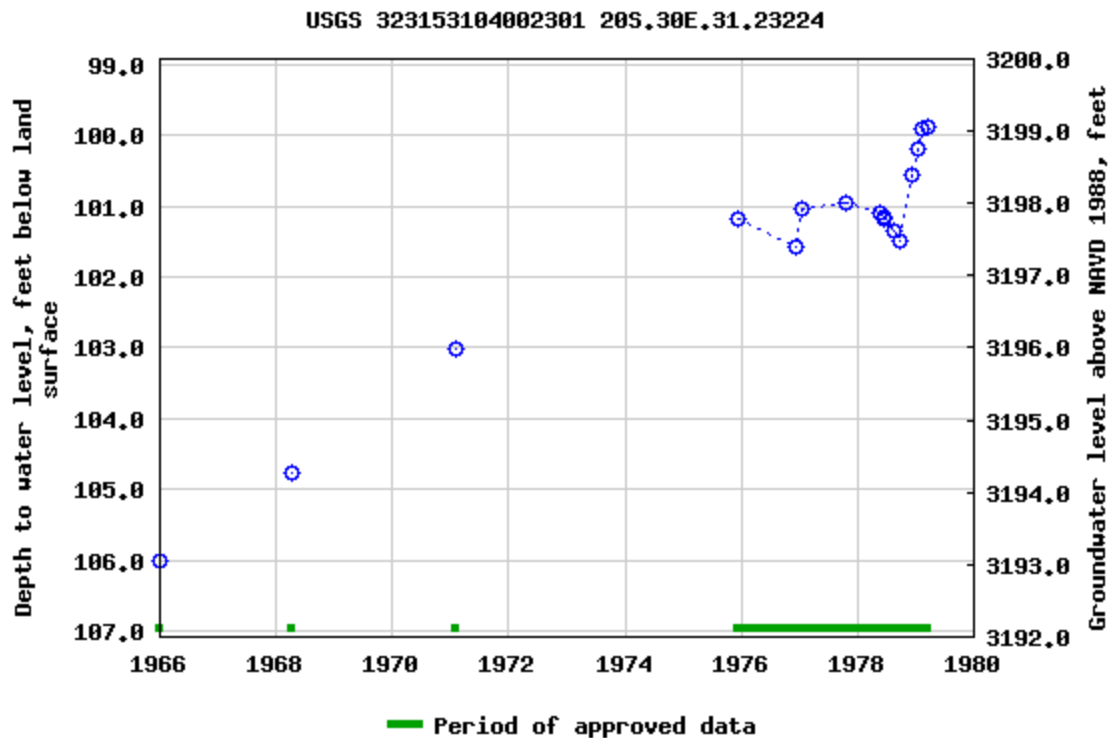
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Breaks in the plot represent a gap of at least one year between field measurements.

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Title: Groundwater for USA: Water Levels

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



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

Page Last Modified: 2024-07-09 15:02:40 EDT

0.67 0.56 nadww02



National Water Information System: Mapper

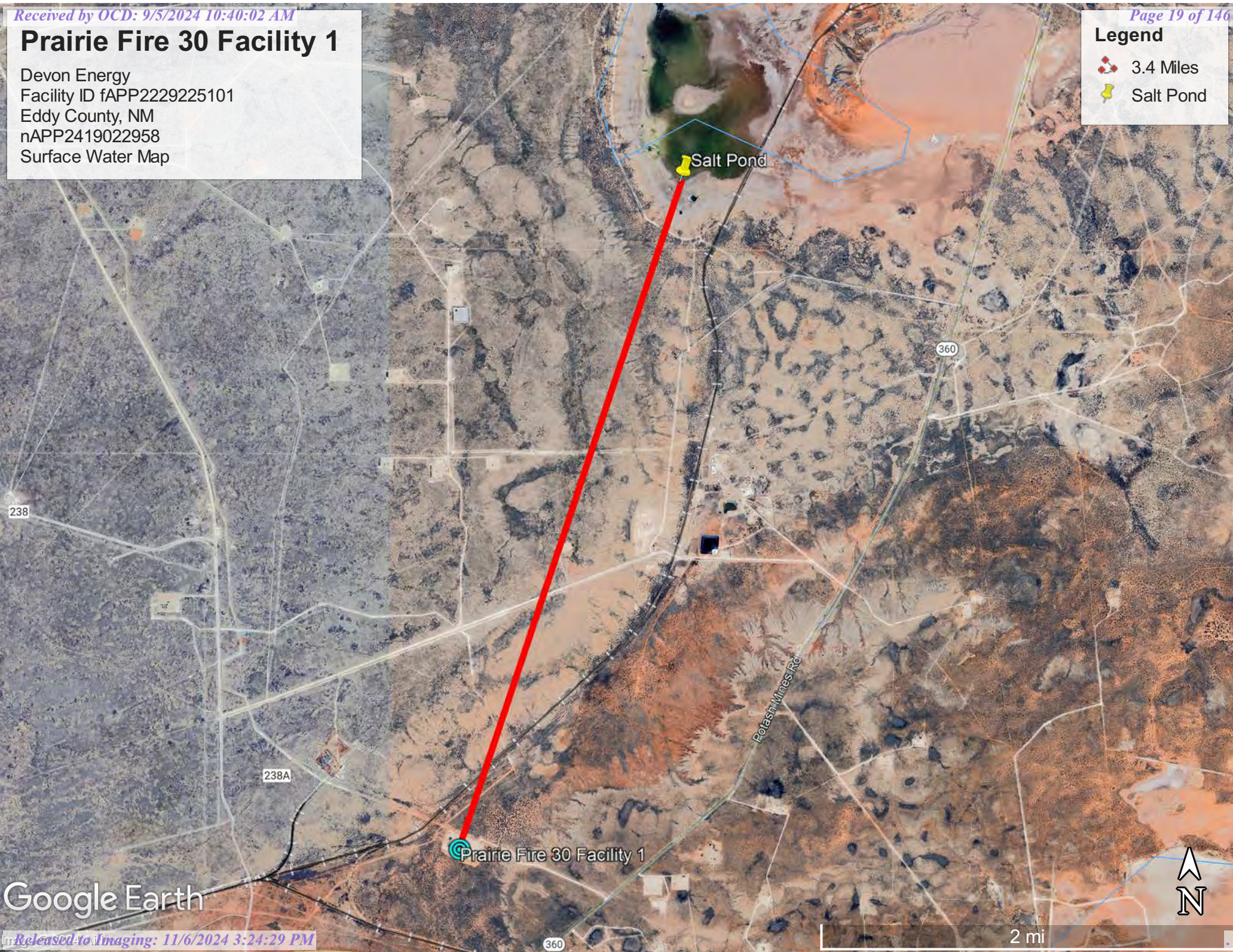


Prairie Fire 30 Facility 1

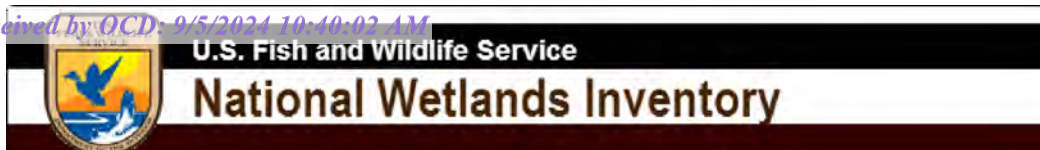
Devon Energy
Facility ID fAPP2229225101
Eddy County, NM
nAPP2419022958
Surface Water Map

Legend

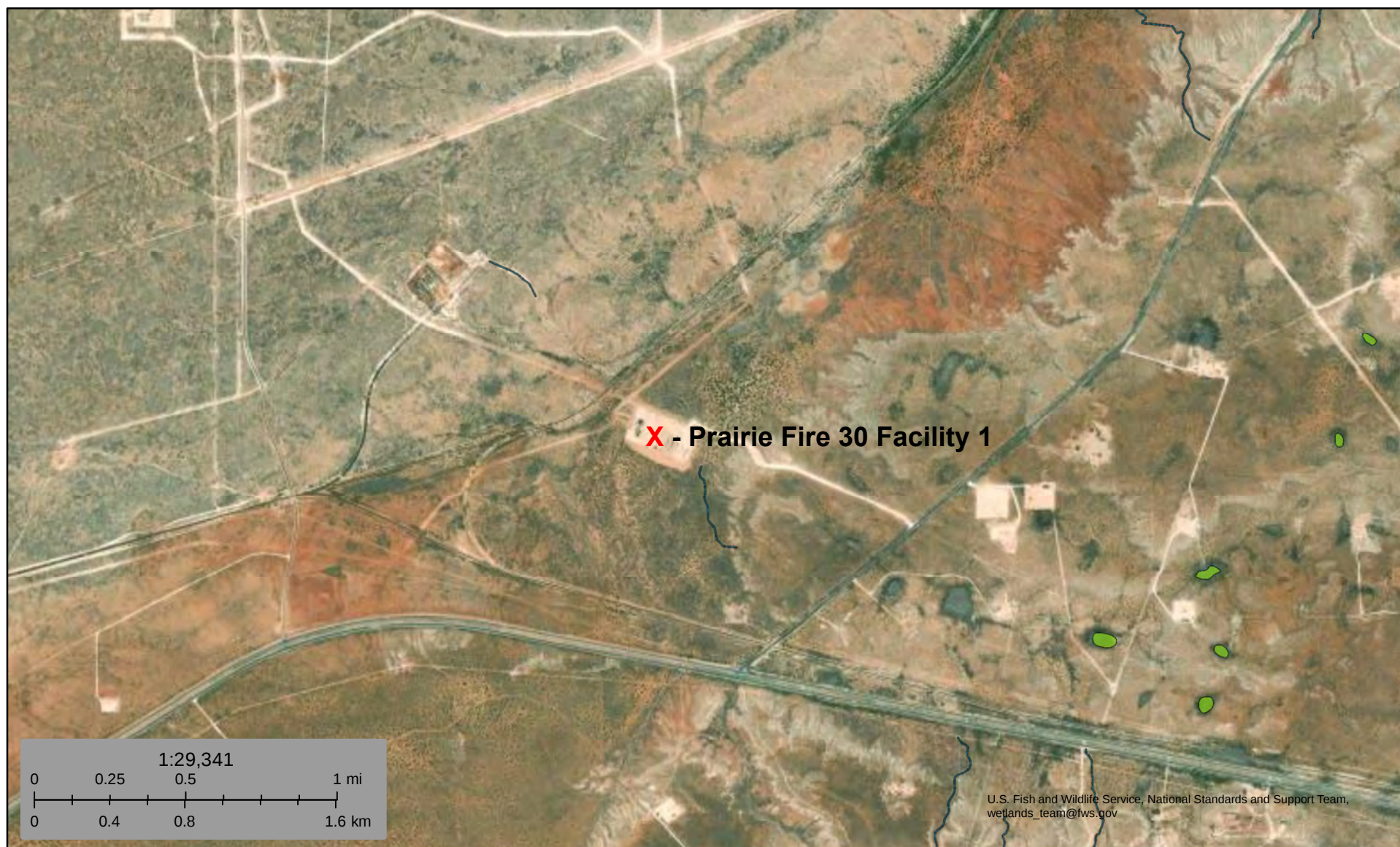
- 3.4 Miles
- Salt Pond



Google Earth



Wetlands Map



July 9, 2024

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- Lake
- Other
- Riverine

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

National Flood Hazard Layer FIRMMette



104°1'25"W 32°32'35"N



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

1:6,000

104°0'47"W 32°32'5"N

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Basemap Imagery Source: USGS National Map 2023

Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 7/9/2024 at 3:05 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.

Appendix B

Soil Survey

Soil Map

Geologic Unit Map

Map Unit Description: Pajarito loamy fine sand, 0 to 3 percent slopes, eroded---Eddy Area,
New Mexico

Eddy Area, New Mexico

PA—Pajarito loamy fine sand, 0 to 3 percent slopes, eroded

Map Unit Setting

National map unit symbol: 1w54

Elevation: 2,700 to 5,500 feet

Mean annual precipitation: 5 to 15 inches

Mean annual air temperature: 57 to 70 degrees F

Frost-free period: 180 to 250 days

Farmland classification: Not prime farmland

Map Unit Composition

Pajarito and similar soils: 98 percent

Minor components: 2 percent

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

Description of Pajarito

Setting

Landform: Plains, interdunes, dunes

Landform position (three-dimensional): Side slope

Down-slope shape: Convex, linear

Across-slope shape: Linear, convex

Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 13 inches: loamy fine sand

H2 - 13 to 36 inches: fine sandy loam

H3 - 36 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: Very low

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: 15 percent

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

Sodium adsorption ratio, maximum: 1.0

Available water supply, 0 to 60 inches: Moderate (about 7.9
inches)

Interpretive groups

Land capability classification (irrigated): 2e

Land capability classification (nonirrigated): 7e

Map Unit Description: Pajarito loamy fine sand, 0 to 3 percent slopes, eroded---Eddy Area,
New Mexico

Hydrologic Soil Group: A
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Minor Components

Wink

Percent of map unit: 1 percent
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

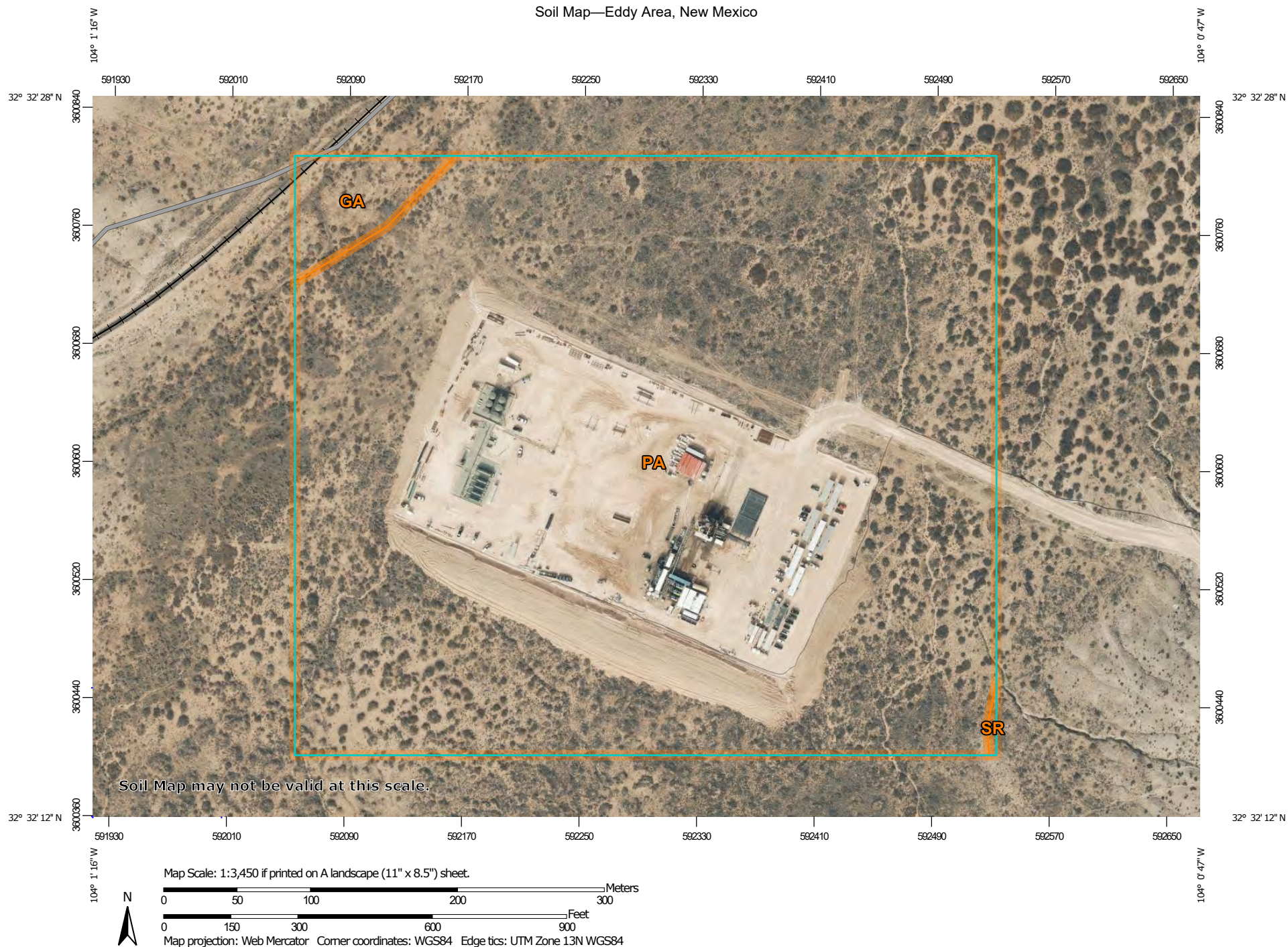
Berino

Percent of map unit: 1 percent
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 19, Sep 7, 2023

Soil Map—Eddy Area, New Mexico



Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

7/9/2024
Page 1 of 3

Soil Map—Eddy Area, New Mexico

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

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

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

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

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

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

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

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

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 19, Sep 7, 2023

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

Date(s) aerial images were photographed: Nov 12, 2022—Dec 2, 2022

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

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
GA	Gypsum land	1.3	2.7%
PA	Pajarito loamy fine sand, 0 to 3 percent slopes, eroded	46.8	97.2%
SR	Stony and Rough broken land	0.1	0.1%
Totals for Area of Interest		48.1	100.0%

Prairie Fire 30 Facility 1

Devon Energy
Facility ID fAPP2229225101
Eddy County, NM
nAPP2419022958
Geologic Unit Map

Legend

- Dikes, sills, veins
- Eolian deposits
- Faults
- Older alluvial deposits of upland plains, piedmont areas....
- Piedmont alluvial deposits
- Prairie Fire 30 Facility 1
- Quartermaster and Rustler Formations

Prairie Fire 30 Facility 1

Hobbs Hwy

360



3000 ft

Google Earth

Appendix C

48-Hour Notifications



Tom Pima Oil <tom@pimaoil.com>

Fwd: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 362239

1 message

Woodall, Dale <Dale.Woodall@dvn.com>

Tue, Jul 9, 2024 at 1:10 PM

To: Tom Pima Oil <tom@pimaoil.com>, Gio PimaOil <gio@pimaoil.com>, Lynsey Pima Oil <lynsey@pimaoil.com>

Dale Woodall

Environmental Professional**Hobbs, NM**Office: 575-748-1838Mobile: 405-318-4697Dale.Woodall@dvn.com

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>**Sent:** Tuesday, July 9, 2024 1:00:01 PM**To:** Woodall, Dale <Dale.Woodall@dvn.com>**Subject:** [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 362239

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

The OCD has received the submitted *Notification for (Final) Sampling of a Release (C-141N)*, for incident ID (n#) nAPP2419022958.

The sampling event is expected to take place:

When: 07/11/2024 @ 12:00**Where:** L-30-20S-30E 611 FSL 868 FWL (32.5386881,-104.0172097)**Additional Information:** Marisa Loya (575) 416-0639**Additional Instructions:** From the intersection of Hwy 62/180 and NM360, travel northeast on NM360 for approximately 0.61 miles, turn west on lease road for 0.7 miles, turn southwest into location.

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

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

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

New Mexico Energy, Minerals and Natural Resources Department[1220 South St. Francis Drive](#)

Santa Fe, NM 87505

Confidentiality Warning: This message and any attachments are intended only for the use of the intended recipient(s), are confidential, and may be privileged. If you are not the intended recipient, you are hereby notified that any review, retransmission, conversion to hard copy, copying, circulation or other use of all or any portion of this message and any

attachments is strictly prohibited. If you are not the intended recipient, please notify the sender immediately by return e-mail, and delete this message and any attachments from your system.

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

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

QUESTIONS

Action 378603

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 378603
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2419022958
Incident Name	NAPP2419022958 PRAIRIE FIRE 30 FACILITY 1 @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2229225101] PRAIRIE FIRE 30 FACILITY 1

Location of Release Source	
Site Name	PRAIRIE FIRE 30 FACILITY 1
Date Release Discovered	07/07/2024
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	888
What is the estimated number of samples that will be gathered	8
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/30/2024
Time sampling will commence	08:30 AM
Please provide any information necessary for observers to contact samplers	Andrew Franco (806) 200-0054
Please provide any information necessary for navigation to sampling site	From the intersection of Hwy 62/180 and NM360, travel northeast on NM360 for approximately 0.61 miles, turn west on lease road for 0.7 miles, turn southwest into location.

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

CONDITIONS

Action 378603

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 378603
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
wdale	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	8/28/2024

Appendix D

Photographic Documentation

Devon Energy Production, LP Photographic Documentation Prairie Fire 30 Facility 1 – nAPP2419022958



Sign



Release area SE



Release area E



Release area NW

Devon Energy Production, LP Photographic Documentation Prairie Fire 30 Facility 1 – nAPP2419022958



Release area W



Assessment 1



Assessment 2



Assessment 3

Devon Energy Production, LP Photographic Documentation Prairie Fire 30 Facility 1 – nAPP2419022958



Assessment 4



Assessment 5



Flag/mark for excavation 1



Flag/mark for excavation 2

Devon Energy Production, LP Photographic Documentation Prairie Fire 30 Facility 1 – nAPP2419022958



+32.538300,-104.017266
170° S
Eddy County
Devon
Prairie Fire 30 Facility 1
Flagging/Marked

Flag/mark for excavation 3



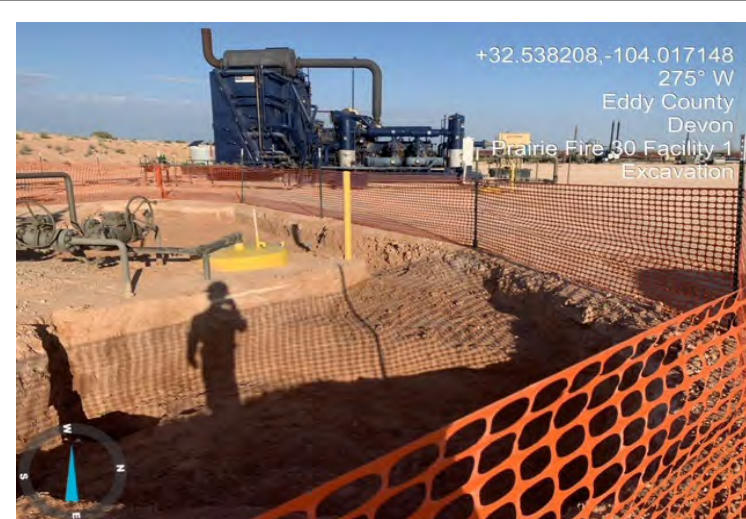
+32.538217,-104.017287
30° NE
Eddy County
Devon
Prairie Fire 30 Facility 1
Flagging/Marked

Flag/mark for excavation 4



+32.538208,-104.017148
192° S
Eddy County
Devon
Prairie Fire 30 Facility 1
Excavation

Excavation 1



+32.538208,-104.017148
275° W
Eddy County
Devon
Prairie Fire 30 Facility 1
Excavation

Excavation 2

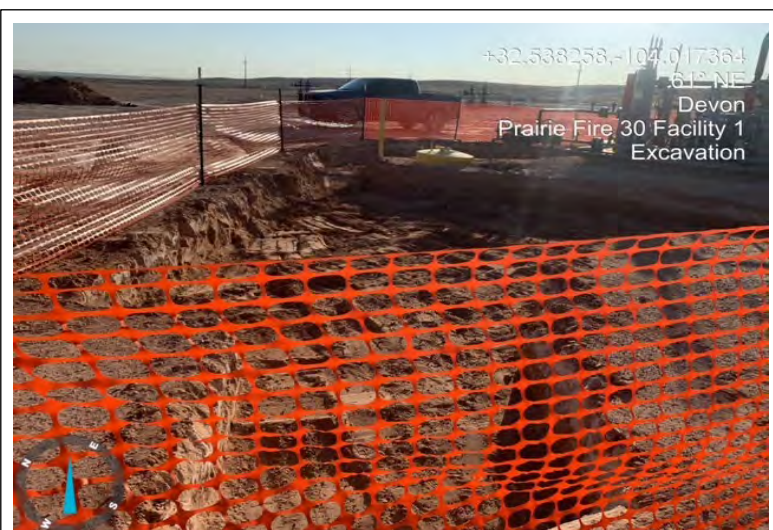
Devon Energy Production, LP Photographic Documentation Prairie Fire 30 Facility 1 – nAPP2419022958



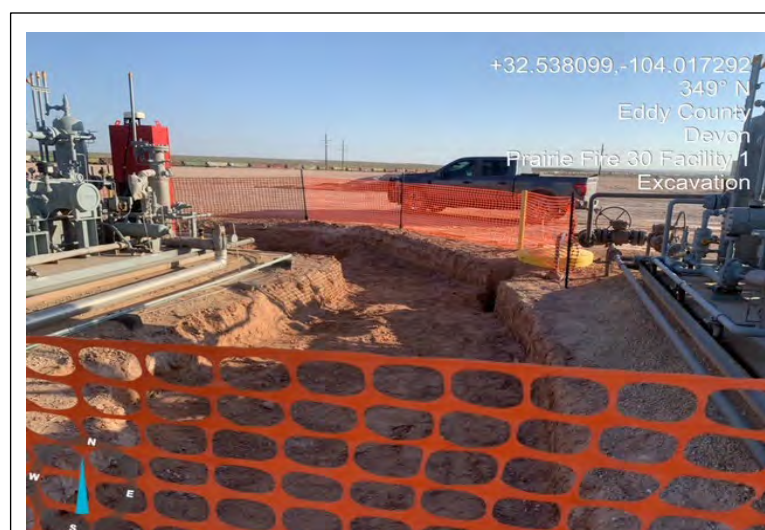
Excavation 3



Excavation 4

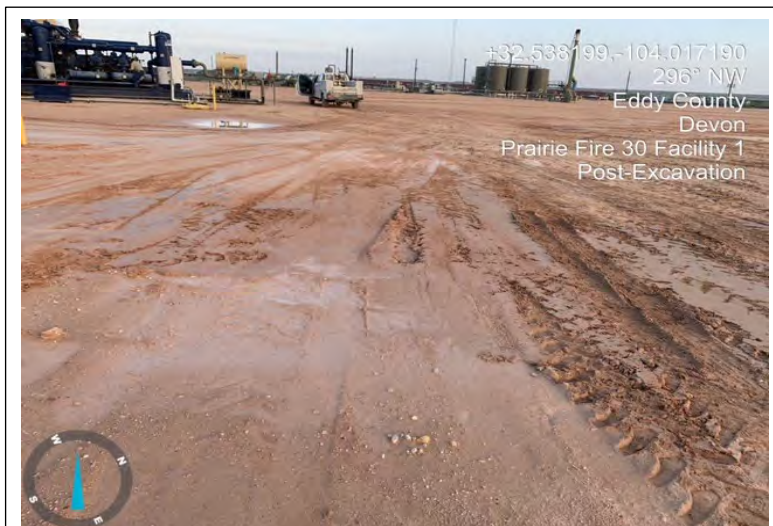


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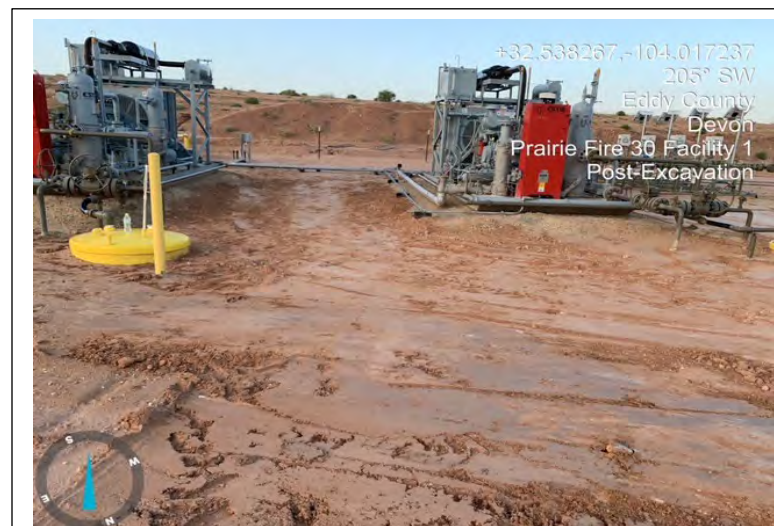


Excavation 6

Devon Energy Production, LP Photographic Documentation Prairie Fire 30 Facility 1 – nAPP2419022958



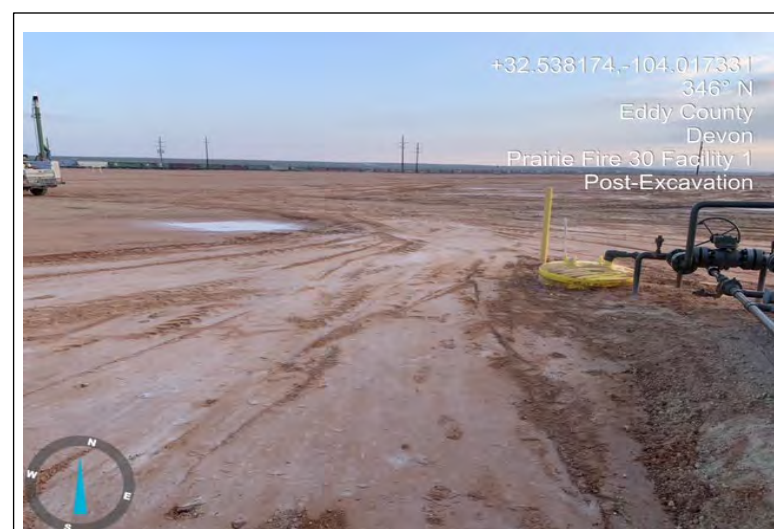
Backfill 1



Backfill 2



Backfill 3



Backfill 4

Devon Energy Production, LP
Photographic Documentation
Prairie Fire 30 Facility 1 – nAPP2419022958

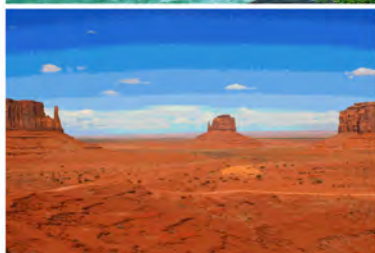


Backfill 5

Appendix E

Laboratory Reports

Report to:
Gio Gomez



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Prairie Fire 30 Facility 1

Work Order: E407109

Job Number: 01058-0007

Received: 7/15/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/19/24

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 7/19/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247



Project Name: Prairie Fire 30 Facility 1
Workorder: E407109
Date Received: 7/15/2024 9:00:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/15/2024 9:00:00AM, under the Project Name: Prairie Fire 30 Facility 1.

The analytical test results summarized in this report with the Project Name: Prairie Fire 30 Facility 1 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

Field Offices:

Southern New Mexico Area

Lynn Jarboe
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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Prairie Fire 30 Facility 1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	07/19/24 12:34

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1 -Surface	E407109-01A	Soil	07/11/24	07/15/24	Glass Jar, 2 oz.
S1 - 1'	E407109-02A	Soil	07/11/24	07/15/24	Glass Jar, 2 oz.
S1 - 2'	E407109-03A	Soil	07/11/24	07/15/24	Glass Jar, 2 oz.
S1 - 3'	E407109-04A	Soil	07/11/24	07/15/24	Glass Jar, 2 oz.
S1 - 4'	E407109-05A	Soil	07/11/24	07/15/24	Glass Jar, 2 oz.
S2 - Surface	E407109-06A	Soil	07/11/24	07/15/24	Glass Jar, 2 oz.
S2 - 1'	E407109-07A	Soil	07/11/24	07/15/24	Glass Jar, 2 oz.
S2 - 2'	E407109-08A	Soil	07/11/24	07/15/24	Glass Jar, 2 oz.
S2 - 3'	E407109-09A	Soil	07/11/24	07/15/24	Glass Jar, 2 oz.
S2 - 4'	E407109-10A	Soil	07/11/24	07/15/24	Glass Jar, 2 oz.
S3 - Surface	E407109-11A	Soil	07/11/24	07/15/24	Glass Jar, 2 oz.
S3 - 1'	E407109-12A	Soil	07/11/24	07/15/24	Glass Jar, 2 oz.
S3 - 2'	E407109-13A	Soil	07/11/24	07/15/24	Glass Jar, 2 oz.
S3 - 3'	E407109-14A	Soil	07/11/24	07/15/24	Glass Jar, 2 oz.
S3 - 4'	E407109-15A	Soil	07/11/24	07/15/24	Glass Jar, 2 oz.
S4 - Surface	E407109-16A	Soil	07/11/24	07/15/24	Glass Jar, 2 oz.
S4 -1'	E407109-17A	Soil	07/11/24	07/15/24	Glass Jar, 2 oz.
S4 -2'	E407109-18A	Soil	07/11/24	07/15/24	Glass Jar, 2 oz.
S4 -3'	E407109-19A	Soil	07/11/24	07/15/24	Glass Jar, 2 oz.
S4 -4'	E407109-20A	Soil	07/11/24	07/15/24	Glass Jar, 2 oz.



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Prairie Fire 30 Facility 1 Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 7/19/2024 12:34:16PM
---	--	-----------------------------------

S1 -Surface
E407109-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2429005	
Benzene	ND	0.0250	1	07/15/24	07/16/24	
Ethylbenzene	ND	0.0250	1	07/15/24	07/16/24	
Toluene	ND	0.0250	1	07/15/24	07/16/24	
o-Xylene	ND	0.0250	1	07/15/24	07/16/24	
p,m-Xylene	ND	0.0500	1	07/15/24	07/16/24	
Total Xylenes	ND	0.0250	1	07/15/24	07/16/24	
Surrogate: 4-Bromochlorobenzene-PID	86.5 %	70-130		07/15/24	07/16/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2429005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/24	07/16/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	95.4 %	70-130		07/15/24	07/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2429012	
Diesel Range Organics (C10-C28)	161	25.0	1	07/15/24	07/16/24	
Oil Range Organics (C28-C36)	173	50.0	1	07/15/24	07/16/24	
Surrogate: n-Nonane	91.7 %	50-200		07/15/24	07/16/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2429024	
Chloride	603	100	5	07/15/24	07/16/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Prairie Fire 30 Facility 1	Reported: 7/19/2024 12:34:16PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S1 - 1'

E407109-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2429005	
Benzene	ND	0.0250	1	07/15/24	07/16/24	
Ethylbenzene	ND	0.0250	1	07/15/24	07/16/24	
Toluene	ND	0.0250	1	07/15/24	07/16/24	
o-Xylene	ND	0.0250	1	07/15/24	07/16/24	
p,m-Xylene	ND	0.0500	1	07/15/24	07/16/24	
Total Xylenes	ND	0.0250	1	07/15/24	07/16/24	
Surrogate: 4-Bromochlorobenzene-PID	88.8 %	70-130		07/15/24	07/16/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2429005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/24	07/16/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	96.1 %	70-130		07/15/24	07/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2429012	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/24	07/16/24	
Oil Range Organics (C28-C36)	143	50.0	1	07/15/24	07/16/24	
Surrogate: n-Nonane	97.2 %	50-200		07/15/24	07/16/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2429024	
Chloride	133	100	5	07/15/24	07/16/24	



Sample Data

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

Project Name: Prairie Fire 30 Facility 1
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
7/19/2024 12:34:16PM

S1 - 2'

E407109-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2429005
Benzene	ND	0.0250	1	07/15/24	07/16/24	
Ethylbenzene	ND	0.0250	1	07/15/24	07/16/24	
Toluene	ND	0.0250	1	07/15/24	07/16/24	
o-Xylene	ND	0.0250	1	07/15/24	07/16/24	
p,m-Xylene	ND	0.0500	1	07/15/24	07/16/24	
Total Xylenes	ND	0.0250	1	07/15/24	07/16/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.4 %	70-130		07/15/24	07/16/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2429005
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/24	07/16/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.7 %	70-130		07/15/24	07/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2429012
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/24	07/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/24	07/16/24	
<i>Surrogate: n-Nonane</i>						
	97.6 %	50-200		07/15/24	07/16/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2429024
Chloride	31.5	20.0	1	07/15/24	07/16/24	



Sample Data

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

Project Name: Prairie Fire 30 Facility 1
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
7/19/2024 12:34:16PM

S1 - 3'

E407109-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2429005
Benzene	ND	0.0250	1	07/15/24	07/16/24	
Ethylbenzene	ND	0.0250	1	07/15/24	07/16/24	
Toluene	ND	0.0250	1	07/15/24	07/16/24	
o-Xylene	ND	0.0250	1	07/15/24	07/16/24	
p,m-Xylene	ND	0.0500	1	07/15/24	07/16/24	
Total Xylenes	ND	0.0250	1	07/15/24	07/16/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.7 %	70-130		07/15/24	07/16/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2429005
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/24	07/16/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.0 %	70-130		07/15/24	07/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2429012
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/24	07/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/24	07/16/24	
<i>Surrogate: n-Nonane</i>						
	98.3 %	50-200		07/15/24	07/16/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2429024
Chloride	28.2	20.0	1	07/15/24	07/16/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Prairie Fire 30 Facility 1	Reported: 7/19/2024 12:34:16PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S1 - 4'

E407109-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2429005	
Benzene	ND	0.0250	1	07/15/24	07/16/24	
Ethylbenzene	ND	0.0250	1	07/15/24	07/16/24	
Toluene	ND	0.0250	1	07/15/24	07/16/24	
o-Xylene	ND	0.0250	1	07/15/24	07/16/24	
p,m-Xylene	ND	0.0500	1	07/15/24	07/16/24	
Total Xylenes	ND	0.0250	1	07/15/24	07/16/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.1 %	70-130		07/15/24	07/16/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2429005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/24	07/16/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.4 %	70-130		07/15/24	07/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2429012	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/24	07/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/24	07/16/24	
<i>Surrogate: n-Nonane</i>						
	90.8 %	50-200		07/15/24	07/16/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2429024	
Chloride	48.2	20.0	1	07/15/24	07/16/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Prairie Fire 30 Facility 1 Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 7/19/2024 12:34:16PM
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S2 - Surface
E407109-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2429005	
Benzene	ND	0.0250	1	07/15/24	07/16/24	
Ethylbenzene	ND	0.0250	1	07/15/24	07/16/24	
Toluene	ND	0.0250	1	07/15/24	07/16/24	
o-Xylene	ND	0.0250	1	07/15/24	07/16/24	
p,m-Xylene	ND	0.0500	1	07/15/24	07/16/24	
Total Xylenes	ND	0.0250	1	07/15/24	07/16/24	
Surrogate: 4-Bromochlorobenzene-PID	89.7 %	70-130		07/15/24	07/16/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2429005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/24	07/16/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	94.7 %	70-130		07/15/24	07/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2429012	
Diesel Range Organics (C10-C28)	124	25.0	1	07/15/24	07/16/24	
Oil Range Organics (C28-C36)	150	50.0	1	07/15/24	07/16/24	
Surrogate: n-Nonane	88.4 %	50-200		07/15/24	07/16/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2429024	
Chloride	605	100	5	07/15/24	07/16/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Prairie Fire 30 Facility 1	Reported: 7/19/2024 12:34:16PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S2 - 1'

E407109-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2429005	
Benzene	ND	0.0250	1	07/15/24	07/16/24	
Ethylbenzene	ND	0.0250	1	07/15/24	07/16/24	
Toluene	ND	0.0250	1	07/15/24	07/16/24	
o-Xylene	ND	0.0250	1	07/15/24	07/16/24	
p,m-Xylene	ND	0.0500	1	07/15/24	07/16/24	
Total Xylenes	ND	0.0250	1	07/15/24	07/16/24	
Surrogate: 4-Bromochlorobenzene-PID	90.2 %	70-130		07/15/24	07/16/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2429005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/24	07/16/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	97.9 %	70-130		07/15/24	07/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2429012	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/24	07/16/24	
Oil Range Organics (C28-C36)	125	50.0	1	07/15/24	07/16/24	
Surrogate: n-Nonane	85.6 %	50-200		07/15/24	07/16/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2429024	
Chloride	ND	200	10	07/15/24	07/16/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Prairie Fire 30 Facility 1 Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 7/19/2024 12:34:16PM
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S2 - 2'

E407109-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2429005	
Benzene	ND	0.0250	1	07/15/24	07/16/24	
Ethylbenzene	ND	0.0250	1	07/15/24	07/16/24	
Toluene	ND	0.0250	1	07/15/24	07/16/24	
o-Xylene	ND	0.0250	1	07/15/24	07/16/24	
p,m-Xylene	ND	0.0500	1	07/15/24	07/16/24	
Total Xylenes	ND	0.0250	1	07/15/24	07/16/24	
Surrogate: 4-Bromochlorobenzene-PID	90.5 %	70-130		07/15/24	07/16/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2429005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/24	07/16/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	95.7 %	70-130		07/15/24	07/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2429012	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/24	07/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/24	07/16/24	
Surrogate: n-Nonane	91.2 %	50-200		07/15/24	07/16/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2429024	
Chloride	30.4	20.0	1	07/15/24	07/16/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Prairie Fire 30 Facility 1 Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 7/19/2024 12:34:16PM
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S2 - 3'

E407109-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2429005	
Benzene	ND	0.0250	1	07/15/24	07/17/24	
Ethylbenzene	ND	0.0250	1	07/15/24	07/17/24	
Toluene	ND	0.0250	1	07/15/24	07/17/24	
o-Xylene	ND	0.0250	1	07/15/24	07/17/24	
p,m-Xylene	ND	0.0500	1	07/15/24	07/17/24	
Total Xylenes	ND	0.0250	1	07/15/24	07/17/24	
Surrogate: 4-Bromochlorobenzene-PID	91.3 %	70-130		07/15/24	07/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2429005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/24	07/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	95.6 %	70-130		07/15/24	07/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2429012	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/24	07/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/24	07/16/24	
Surrogate: n-Nonane	89.5 %	50-200		07/15/24	07/16/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2429024	
Chloride	477	100	5	07/15/24	07/16/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Prairie Fire 30 Facility 1	Reported: 7/19/2024 12:34:16PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S2 - 4'

E407109-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2429005	
Benzene	ND	0.0250	1	07/15/24	07/16/24	
Ethylbenzene	ND	0.0250	1	07/15/24	07/16/24	
Toluene	ND	0.0250	1	07/15/24	07/16/24	
o-Xylene	ND	0.0250	1	07/15/24	07/16/24	
p,m-Xylene	ND	0.0500	1	07/15/24	07/16/24	
Total Xylenes	ND	0.0250	1	07/15/24	07/16/24	
Surrogate: 4-Bromochlorobenzene-PID	86.3 %	70-130		07/15/24	07/16/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2429005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/24	07/16/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	96.1 %	70-130		07/15/24	07/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2429012	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/24	07/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/24	07/16/24	
Surrogate: n-Nonane	102 %	50-200		07/15/24	07/16/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2429024	
Chloride	403	20.0	1	07/15/24	07/16/24	



Sample Data

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

Project Name: Prairie Fire 30 Facility 1
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
7/19/2024 12:34:16PM

S3 - Surface

E407109-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2429005
Benzene	ND	0.0250	1	07/15/24	07/17/24	
Ethylbenzene	ND	0.0250	1	07/15/24	07/17/24	
Toluene	ND	0.0250	1	07/15/24	07/17/24	
o-Xylene	ND	0.0250	1	07/15/24	07/17/24	
p,m-Xylene	ND	0.0500	1	07/15/24	07/17/24	
Total Xylenes	ND	0.0250	1	07/15/24	07/17/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.4 %	70-130		07/15/24	07/17/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2429005
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/24	07/17/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.8 %	70-130		07/15/24	07/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2429012
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/24	07/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/24	07/16/24	
<i>Surrogate: n-Nonane</i>						
	86.6 %	50-200		07/15/24	07/16/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2429024
Chloride	524	100	5	07/15/24	07/16/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Prairie Fire 30 Facility 1 Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 7/19/2024 12:34:16PM
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S3 - 1'

E407109-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2429005	
Benzene	ND	0.0250	1	07/15/24	07/17/24	
Ethylbenzene	ND	0.0250	1	07/15/24	07/17/24	
Toluene	ND	0.0250	1	07/15/24	07/17/24	
o-Xylene	ND	0.0250	1	07/15/24	07/17/24	
p,m-Xylene	ND	0.0500	1	07/15/24	07/17/24	
Total Xylenes	ND	0.0250	1	07/15/24	07/17/24	
Surrogate: 4-Bromochlorobenzene-PID	91.3 %	70-130		07/15/24	07/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2429005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/24	07/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	95.2 %	70-130		07/15/24	07/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2429012	
Diesel Range Organics (C10-C28)	141	25.0	1	07/15/24	07/16/24	
Oil Range Organics (C28-C36)	144	50.0	1	07/15/24	07/16/24	
Surrogate: n-Nonane	89.9 %	50-200		07/15/24	07/16/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2429024	
Chloride	46.3	20.0	1	07/15/24	07/16/24	



Sample Data

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

Project Name: Prairie Fire 30 Facility 1
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
7/19/2024 12:34:16PM

S3 - 2'

E407109-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2429005
Benzene	ND	0.0250	1	07/15/24	07/17/24	
Ethylbenzene	ND	0.0250	1	07/15/24	07/17/24	
Toluene	ND	0.0250	1	07/15/24	07/17/24	
o-Xylene	ND	0.0250	1	07/15/24	07/17/24	
p,m-Xylene	ND	0.0500	1	07/15/24	07/17/24	
Total Xylenes	ND	0.0250	1	07/15/24	07/17/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.4 %	70-130		07/15/24	07/17/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2429005
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/24	07/17/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.5 %	70-130		07/15/24	07/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2429012
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/24	07/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/24	07/17/24	
<i>Surrogate: n-Nonane</i>						
	98.4 %	50-200		07/15/24	07/17/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2429024
Chloride	ND	20.0	1	07/15/24	07/16/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Prairie Fire 30 Facility 1	Reported: 7/19/2024 12:34:16PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S3 - 3'

E407109-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2429005	
Benzene	ND	0.0250	1	07/15/24	07/17/24	
Ethylbenzene	ND	0.0250	1	07/15/24	07/17/24	
Toluene	ND	0.0250	1	07/15/24	07/17/24	
o-Xylene	ND	0.0250	1	07/15/24	07/17/24	
p,m-Xylene	ND	0.0500	1	07/15/24	07/17/24	
Total Xylenes	ND	0.0250	1	07/15/24	07/17/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.4 %	70-130		07/15/24	07/17/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2429005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/24	07/17/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.2 %	70-130		07/15/24	07/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2429012	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/24	07/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/24	07/17/24	
<i>Surrogate: n-Nonane</i>						
	96.6 %	50-200		07/15/24	07/17/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2429024	
Chloride	158	20.0	1	07/15/24	07/16/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Prairie Fire 30 Facility 1	Reported: 7/19/2024 12:34:16PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S3 - 4'

E407109-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2429005	
Benzene	ND	0.0250	1	07/15/24	07/17/24	
Ethylbenzene	ND	0.0250	1	07/15/24	07/17/24	
Toluene	ND	0.0250	1	07/15/24	07/17/24	
o-Xylene	ND	0.0250	1	07/15/24	07/17/24	
p,m-Xylene	ND	0.0500	1	07/15/24	07/17/24	
Total Xylenes	ND	0.0250	1	07/15/24	07/17/24	
Surrogate: 4-Bromochlorobenzene-PID	90.9 %	70-130		07/15/24	07/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2429005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/24	07/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	95.8 %	70-130		07/15/24	07/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2429012	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/24	07/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/24	07/17/24	
Surrogate: n-Nonane	101 %	50-200		07/15/24	07/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2429024	
Chloride	723	20.0	1	07/15/24	07/16/24	



Sample Data

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

Project Name: Prairie Fire 30 Facility 1
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
7/19/2024 12:34:16PM

S4 - Surface

E407109-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2429005
Benzene	ND	0.0250	1	07/15/24	07/17/24	
Ethylbenzene	ND	0.0250	1	07/15/24	07/17/24	
Toluene	ND	0.0250	1	07/15/24	07/17/24	
o-Xylene	ND	0.0250	1	07/15/24	07/17/24	
p,m-Xylene	ND	0.0500	1	07/15/24	07/17/24	
Total Xylenes	ND	0.0250	1	07/15/24	07/17/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.3 %	70-130		07/15/24	07/17/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2429005
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/24	07/17/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.6 %	70-130		07/15/24	07/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2429012
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/24	07/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/24	07/17/24	
<i>Surrogate: n-Nonane</i>						
	98.1 %	50-200		07/15/24	07/17/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2429024
Chloride	34.8	20.0	1	07/15/24	07/16/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Prairie Fire 30 Facility 1	Reported: 7/19/2024 12:34:16PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S4 -1'

E407109-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2429005	
Benzene	ND	0.0250	1	07/15/24	07/17/24	
Ethylbenzene	ND	0.0250	1	07/15/24	07/17/24	
Toluene	ND	0.0250	1	07/15/24	07/17/24	
o-Xylene	ND	0.0250	1	07/15/24	07/17/24	
p,m-Xylene	ND	0.0500	1	07/15/24	07/17/24	
Total Xylenes	ND	0.0250	1	07/15/24	07/17/24	
Surrogate: 4-Bromochlorobenzene-PID	91.6 %	70-130		07/15/24	07/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2429005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/24	07/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	95.6 %	70-130		07/15/24	07/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2429012	
Diesel Range Organics (C10-C28)	254	25.0	1	07/15/24	07/17/24	
Oil Range Organics (C28-C36)	1970	50.0	1	07/15/24	07/17/24	
Surrogate: n-Nonane	104 %	50-200		07/15/24	07/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2429024	
Chloride	222	100	5	07/15/24	07/16/24	



Sample Data

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

Project Name: Prairie Fire 30 Facility 1
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
7/19/2024 12:34:16PM

S4 -2'

E407109-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2429005
Benzene	ND	0.0250	1	07/15/24	07/17/24	
Ethylbenzene	ND	0.0250	1	07/15/24	07/17/24	
Toluene	ND	0.0250	1	07/15/24	07/17/24	
o-Xylene	ND	0.0250	1	07/15/24	07/17/24	
p,m-Xylene	ND	0.0500	1	07/15/24	07/17/24	
Total Xylenes	ND	0.0250	1	07/15/24	07/17/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.8 %	70-130		07/15/24	07/17/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2429005
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/24	07/17/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.0 %	70-130		07/15/24	07/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2429012
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/24	07/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/24	07/18/24	
<i>Surrogate: n-Nonane</i>						
	102 %	50-200		07/15/24	07/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2429024
Chloride	ND	20.0	1	07/15/24	07/16/24	



Sample Data

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

Project Name: Prairie Fire 30 Facility 1
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
7/19/2024 12:34:16PM

S4 -3'

E407109-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2429005
Benzene	ND	0.0250	1	07/15/24	07/17/24	
Ethylbenzene	ND	0.0250	1	07/15/24	07/17/24	
Toluene	ND	0.0250	1	07/15/24	07/17/24	
o-Xylene	ND	0.0250	1	07/15/24	07/17/24	
p,m-Xylene	ND	0.0500	1	07/15/24	07/17/24	
Total Xylenes	ND	0.0250	1	07/15/24	07/17/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.5 %	70-130		07/15/24	07/17/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2429005
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/24	07/17/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.6 %	70-130		07/15/24	07/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2429012
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/24	07/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/24	07/17/24	
<i>Surrogate: n-Nonane</i>						
	96.6 %	50-200		07/15/24	07/17/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2429024
Chloride	67.7	20.0	1	07/15/24	07/16/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Prairie Fire 30 Facility 1	Reported: 7/19/2024 12:34:16PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S4 -4'

E407109-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2429005	
Benzene	ND	0.0250	1	07/15/24	07/17/24	
Ethylbenzene	ND	0.0250	1	07/15/24	07/17/24	
Toluene	ND	0.0250	1	07/15/24	07/17/24	
o-Xylene	ND	0.0250	1	07/15/24	07/17/24	
p,m-Xylene	ND	0.0500	1	07/15/24	07/17/24	
Total Xylenes	ND	0.0250	1	07/15/24	07/17/24	
Surrogate: 4-Bromochlorobenzene-PID	91.8 %	70-130		07/15/24	07/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2429005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/24	07/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	95.4 %	70-130		07/15/24	07/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2429012	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/24	07/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/24	07/17/24	
Surrogate: n-Nonane	91.8 %	50-200		07/15/24	07/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2429024	
Chloride	36.0	20.0	1	07/15/24	07/16/24	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Prairie Fire 30 Facility 1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/19/2024 12:34:16PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2429005-BLK1) Prepared: 07/15/24 Analyzed: 07/16/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.81		8.00		85.2	70-130			

LCS (2429005-BS1) Prepared: 07/15/24 Analyzed: 07/17/24

Benzene	5.02	0.0250	5.00		100	70-130			
Ethylbenzene	4.90	0.0250	5.00		98.0	70-130			
Toluene	5.01	0.0250	5.00		100	70-130			
o-Xylene	4.88	0.0250	5.00		97.6	70-130			
p,m-Xylene	9.93	0.0500	10.0		99.3	70-130			
Total Xylenes	14.8	0.0250	15.0		98.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.09		8.00		88.6	70-130			

Matrix Spike (2429005-MS1) Source: E407109-10 Prepared: 07/15/24 Analyzed: 07/17/24

Benzene	4.50	0.0250	5.00	ND	90.0	54-133			
Ethylbenzene	4.41	0.0250	5.00	ND	88.1	61-133			
Toluene	4.51	0.0250	5.00	ND	90.2	61-130			
o-Xylene	4.40	0.0250	5.00	ND	87.9	63-131			
p,m-Xylene	8.96	0.0500	10.0	ND	89.6	63-131			
Total Xylenes	13.4	0.0250	15.0	ND	89.0	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.20		8.00		89.9	70-130			

Matrix Spike Dup (2429005-MSD1) Source: E407109-10 Prepared: 07/15/24 Analyzed: 07/17/24

Benzene	4.72	0.0250	5.00	ND	94.5	54-133	4.91	20	
Ethylbenzene	4.64	0.0250	5.00	ND	92.8	61-133	5.14	20	
Toluene	4.73	0.0250	5.00	ND	94.7	61-130	4.88	20	
o-Xylene	4.64	0.0250	5.00	ND	92.7	63-131	5.33	20	
p,m-Xylene	9.42	0.0500	10.0	ND	94.2	63-131	5.04	20	
Total Xylenes	14.1	0.0250	15.0	ND	93.7	63-131	5.13	20	
Surrogate: 4-Bromochlorobenzene-PID	7.17		8.00		89.7	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Prairie Fire 30 Facility 1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/19/2024 12:34:16PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2429005-BLK1) Prepared: 07/15/24 Analyzed: 07/16/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.67		8.00		95.9	70-130			

LCS (2429005-BS2) Prepared: 07/15/24 Analyzed: 07/17/24

Gasoline Range Organics (C6-C10)	41.1	20.0	50.0		82.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.66		8.00		95.8	70-130			

Matrix Spike (2429005-MS2) Source: E407109-10 Prepared: 07/15/24 Analyzed: 07/17/24

Gasoline Range Organics (C6-C10)	49.6	20.0	50.0	ND	99.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.81		8.00		97.6	70-130			

Matrix Spike Dup (2429005-MSD2) Source: E407109-10 Prepared: 07/15/24 Analyzed: 07/17/24

Gasoline Range Organics (C6-C10)	49.0	20.0	50.0	ND	97.9	70-130	1.40	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.73		8.00		96.7	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Prairie Fire 30 Facility 1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/19/2024 12:34:16PM

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 (2429012-BLK1) Prepared: 07/15/24 Analyzed: 07/16/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.7		50.0		97.4	50-200			

LCS (2429012-BS1) Prepared: 07/15/24 Analyzed: 07/16/24

Diesel Range Organics (C10-C28)	253	25.0	250		101	38-132			
Surrogate: n-Nonane	48.1		50.0		96.2	50-200			

Matrix Spike (2429012-MS1) Source: E407109-05 Prepared: 07/15/24 Analyzed: 07/16/24

Diesel Range Organics (C10-C28)	268	25.0	250	ND	107	38-132			
Surrogate: n-Nonane	47.8		50.0		95.6	50-200			

Matrix Spike Dup (2429012-MSD1) Source: E407109-05 Prepared: 07/15/24 Analyzed: 07/16/24

Diesel Range Organics (C10-C28)	273	25.0	250	ND	109	38-132	1.67	20	
Surrogate: n-Nonane	45.4		50.0		90.7	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Prairie Fire 30 Facility 1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/19/2024 12:34:16PM

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (2429024-BLK1)					Prepared: 07/15/24 Analyzed: 07/16/24				
Chloride	ND	20.0							
LCS (2429024-BS1)					Prepared: 07/15/24 Analyzed: 07/16/24				
Chloride	261	20.0	250		104	90-110			
Matrix Spike (2429024-MS1)					Source: E407109-09		Prepared: 07/15/24 Analyzed: 07/16/24		
Chloride	804	100	250	477	131	80-120			M2
Matrix Spike Dup (2429024-MSD1)					Source: E407109-09		Prepared: 07/15/24 Analyzed: 07/16/24		
Chloride	753	100	250	477	110	80-120	6.59	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:	Prairie Fire 30 Facility 1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	07/19/24 12:34

- M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

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

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



Project Information

Chain of Custody

Page 1 of 4

Client: Pima Environmental Services		Bill To		Lab Use Only		TAT		EPA Program					
Project: <u>Prairie Fire 30 Facility</u>		Attention: <u>Devon</u>		Lab WO# <u>E607109</u>		Job Number <u>0050-0007</u>		1D	2D	3D	Standard	CWA	SDWA
Project Manager: <u>Gio Gomez</u>		Address:		Analysis and Method							X		
Address: <u>5614 N. Lovington Hwy.</u>		City, State, Zip		DRO/ORO by 8015		GRO/DRO by 8015		BTEX by 8021		VOC by 8260		Metals 6010	
City, State, Zip <u>Hobbs, NM. 88240</u>		Phone:										Chloride 300.0	
Phone: <u>806-782-1151</u>		Email:										BGDOC NM	
Email: <u>gio@pimaoil.com</u>		Pima Project # <u>1-371</u>										BGDOC TX	
Report due by:												State	
												NM CO UT AZ TX	
												X	

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
12:00	7/11	S		S1-Surface	1							X		
12:07				S1-1'	2									
12:16				S1-2'	3									
12:22				S1-3'	4									
12:28				S1-4'	5									
12:36				S2-Surface	6									
12:42				S2-1'	7									
12:56				S2-2'	8									
1:10				S2-3'	9									
1:18				S2-4'	10									

Additional Instructions:

Billing# 21369825

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

Sampled by:

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

Relinquished by: (Signature) <u>Karime Adame</u>	Date <u>7/12/24</u>	Time <u>10:50</u>	Received by: (Signature) <u>Michelle Gonzales</u>	Date <u>7-12-24</u>	Time <u>1050</u>	Lab Use Only Received on ice: ☒ Y / ☐ N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature) <u>Michelle Gonzales</u>	Date <u>7-12-24</u>	Time <u>1625</u>	Received by: (Signature) <u>A.M.</u>	Date <u>7.12.24</u>	Time <u>1900</u>	
Relinquished by: (Signature) <u>A.M.</u>	Date <u>7.12.24</u>	Time <u>2400</u>	Received by: (Signature) <u>Alexa Michaels</u>	Date <u>7/15/24</u>	Time <u>900</u>	

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

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

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


envirotech

Project Information

Chain-of-Custody

Page 2 of 4

Client: Pima Environmental Services Project: <u>Prairie Fire 30 Facility</u> Project Manager: Gio Gomez Address: 5614 N. Lovington Hwy. City, State, Zip: Hobbs, NM. 88240 Phone: 806-782-1151 Email: gio@pimaoil.com Report due by:		Bill To Attention: <u>Devon</u> Address: City, State, Zip: Phone: Email: Pima Project # <u>1-371</u>		Lab Use Only Lab WO# <u>E407109</u> Job Number <u>01058-0007</u> Analysis and Method DRO/ORO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BDOC NM BDOC TX		TAT 1D 2D 3D Standard X		EPA Program CWA SDWA RCRA State NM CO UT AZ TX X	
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Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BDOC NM	BDOC TX	Remarks
1:21	7/11	S		S3-Surface	11							X		
1:28				S3-1'	12									
1:36				S3-2'	13									
1:39				S3-3'	14									
1:45				S3-4'	15									
1:51				S4-Surface	16									
1:56				S4-1'	17									
2:11				S4-2'	18									
2:20				S4-3'	19									
2:24				S4-4'	20									

Additional Instructions:

Billing # 21369825

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

Sampled by:

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

Relinquished by: (Signature) <u>Karime Akame</u>	Date <u>7/12/24</u>	Time <u>10:50</u>	Received by: (Signature) <u>Michelle Gonzales</u>	Date <u>7-12-24</u>	Time <u>1050</u>	Lab Use Only Received on ice: <u>Y/N</u> T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature) <u>Michelle Gonzales</u>	Date <u>7-12-24</u>	Time <u>1625</u>	Received by: (Signature) <u>J. M.</u>	Date <u>7-12-24</u>	Time <u>1900</u>	
Relinquished by: (Signature) <u>J. M.</u>	Date <u>7-12-24</u>	Time <u>2400</u>	Received by: (Signature) <u>Alexa Michaels</u>	Date <u>7/15/24</u>	Time <u>900</u>	

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

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

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

Envirotech Analytical Laboratory

Printed: 7/15/2024 11:06:40AM

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:	07/15/24 09:00	Work Order ID:	E407109
Phone:	(575) 631-6977	Date Logged In:	07/12/24 16:13	Logged In By:	Alexa Michaels
Email:	gio@pimaoil.com	Due Date:	07/19/24 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
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: CouierComments/Resolution

Prairie Fire 30 Facility 1 has been separated into multiple WO due to high sample volume. WO are E407109 and E407110.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

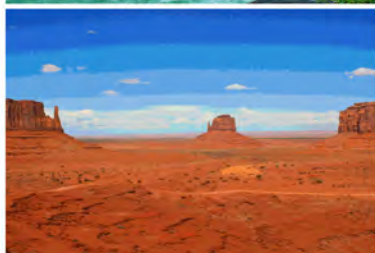
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Gio Gomez



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Prairie Fire 30 Facility 1

Work Order: E407110

Job Number: 01058-0007

Received: 7/15/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/19/24

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 7/19/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247



Project Name: Prairie Fire 30 Facility 1
Workorder: E407110
Date Received: 7/15/2024 9:00:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/15/2024 9:00:00AM, under the Project Name: Prairie Fire 30 Facility 1.

The analytical test results summarized in this report with the Project Name: Prairie Fire 30 Facility 1 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
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Cell: 775-287-1762
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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Prairie Fire 30 Facility 1	Reported: 07/19/24 11:50
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S5 - Surface	E407110-01A	Soil	07/11/24	07/15/24	Glass Jar, 2 oz.
S5 - 1'	E407110-02A	Soil	07/11/24	07/15/24	Glass Jar, 2 oz.
S5 - 2'	E407110-03A	Soil	07/11/24	07/15/24	Glass Jar, 2 oz.
S5 - 3'	E407110-04A	Soil	07/11/24	07/15/24	Glass Jar, 2 oz.
S5 - 4'	E407110-05A	Soil	07/11/24	07/15/24	Glass Jar, 2 oz.
SW1 - 0.4'	E407110-06A	Soil	07/11/24	07/15/24	Glass Jar, 2 oz.
SW2 - 0.4'	E407110-07A	Soil	07/11/24	07/15/24	Glass Jar, 2 oz.
SW3 - 0.4'	E407110-08A	Soil	07/11/24	07/15/24	Glass Jar, 2 oz.
SW4 - 0.4'	E407110-09A	Soil	07/11/24	07/15/24	Glass Jar, 2 oz.
SW5 - 0.4'	E407110-10A	Soil	07/11/24	07/15/24	Glass Jar, 2 oz.
SW6 - 0.4'	E407110-11A	Soil	07/11/24	07/15/24	Glass Jar, 2 oz.
BG1 - 1'	E407110-12A	Soil	07/11/24	07/15/24	Glass Jar, 2 oz.



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Prairie Fire 30 Facility 1 Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 7/19/2024 11:50:45AM
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S5 - Surface
E407110-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2429015	
Benzene	ND	0.0250	1	07/15/24	07/16/24	
Ethylbenzene	ND	0.0250	1	07/15/24	07/16/24	
Toluene	ND	0.0250	1	07/15/24	07/16/24	
o-Xylene	ND	0.0250	1	07/15/24	07/16/24	
p,m-Xylene	ND	0.0500	1	07/15/24	07/16/24	
Total Xylenes	ND	0.0250	1	07/15/24	07/16/24	
Surrogate: 4-Bromochlorobenzene-PID	88.7 %	70-130		07/15/24	07/16/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2429015	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/24	07/16/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	106 %	70-130		07/15/24	07/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2429013	
Diesel Range Organics (C10-C28)	137	125	5	07/15/24	07/16/24	
Oil Range Organics (C28-C36)	1390	250	5	07/15/24	07/16/24	
Surrogate: n-Nonane	53.5 %	50-200		07/15/24	07/16/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2429025	
Chloride	ND	200	10	07/15/24	07/16/24	



Sample Data

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

Project Name: Prairie Fire 30 Facility 1
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
7/19/2024 11:50:45AM

S5 - 1'

E407110-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2429015
Benzene	ND	0.0250	1	07/15/24	07/16/24	
Ethylbenzene	ND	0.0250	1	07/15/24	07/16/24	
Toluene	ND	0.0250	1	07/15/24	07/16/24	
o-Xylene	ND	0.0250	1	07/15/24	07/16/24	
p,m-Xylene	ND	0.0500	1	07/15/24	07/16/24	
Total Xylenes	ND	0.0250	1	07/15/24	07/16/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		87.7 %	70-130	07/15/24	07/16/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2429015
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/24	07/16/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		106 %	70-130	07/15/24	07/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2429013
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/24	07/16/24	
Oil Range Organics (C28-C36)	135	50.0	1	07/15/24	07/16/24	
<i>Surrogate: n-Nonane</i>						
		97.1 %	50-200	07/15/24	07/16/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2429025
Chloride	146	100	5	07/15/24	07/16/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Prairie Fire 30 Facility 1 Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 7/19/2024 11:50:45AM
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S5 - 2'

E407110-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2429015
Benzene	ND	0.0250	1	07/15/24	07/16/24	
Ethylbenzene	ND	0.0250	1	07/15/24	07/16/24	
Toluene	ND	0.0250	1	07/15/24	07/16/24	
o-Xylene	ND	0.0250	1	07/15/24	07/16/24	
p,m-Xylene	ND	0.0500	1	07/15/24	07/16/24	
Total Xylenes	ND	0.0250	1	07/15/24	07/16/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.5 %	70-130		07/15/24	07/16/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2429015
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/24	07/16/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	107 %	70-130		07/15/24	07/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2429013
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/24	07/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/24	07/16/24	
<i>Surrogate: n-Nonane</i>						
	96.1 %	50-200		07/15/24	07/16/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2429025
Chloride	ND	20.0	1	07/15/24	07/16/24	



Sample Data

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

Project Name: Prairie Fire 30 Facility 1
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
7/19/2024 11:50:45AM

S5 - 3'

E407110-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2429015
Benzene	ND	0.0250	1	07/15/24	07/16/24	
Ethylbenzene	ND	0.0250	1	07/15/24	07/16/24	
Toluene	ND	0.0250	1	07/15/24	07/16/24	
o-Xylene	ND	0.0250	1	07/15/24	07/16/24	
p,m-Xylene	ND	0.0500	1	07/15/24	07/16/24	
Total Xylenes	ND	0.0250	1	07/15/24	07/16/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.7 %	70-130		07/15/24	07/16/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2429015
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/24	07/16/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	106 %	70-130		07/15/24	07/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2429013
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/24	07/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/24	07/16/24	
<i>Surrogate: n-Nonane</i>						
	107 %	50-200		07/15/24	07/16/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2429025
Chloride	37.7	20.0	1	07/15/24	07/16/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Prairie Fire 30 Facility 1	Reported: 7/19/2024 11:50:45AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S5 - 4'

E407110-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2429015	
Benzene	ND	0.0250	1	07/15/24	07/16/24	
Ethylbenzene	ND	0.0250	1	07/15/24	07/16/24	
Toluene	ND	0.0250	1	07/15/24	07/16/24	
o-Xylene	ND	0.0250	1	07/15/24	07/16/24	
p,m-Xylene	ND	0.0500	1	07/15/24	07/16/24	
Total Xylenes	ND	0.0250	1	07/15/24	07/16/24	
Surrogate: 4-Bromochlorobenzene-PID	89.0 %	70-130		07/15/24	07/16/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2429015	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/24	07/16/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	105 %	70-130		07/15/24	07/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2429013	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/24	07/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/24	07/16/24	
Surrogate: n-Nonane	94.6 %	50-200		07/15/24	07/16/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2429025	
Chloride	70.9	20.0	1	07/15/24	07/16/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Prairie Fire 30 Facility 1	Reported: 7/19/2024 11:50:45AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW1 - 0.4'
E407110-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2429015	
Benzene	ND	0.0250	1	07/15/24	07/16/24	
Ethylbenzene	ND	0.0250	1	07/15/24	07/16/24	
Toluene	ND	0.0250	1	07/15/24	07/16/24	
o-Xylene	ND	0.0250	1	07/15/24	07/16/24	
p,m-Xylene	ND	0.0500	1	07/15/24	07/16/24	
Total Xylenes	ND	0.0250	1	07/15/24	07/16/24	
Surrogate: 4-Bromochlorobenzene-PID	90.6 %	70-130		07/15/24	07/16/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2429015	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/24	07/16/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	105 %	70-130		07/15/24	07/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2429013	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/24	07/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/24	07/16/24	
Surrogate: n-Nonane	87.2 %	50-200		07/15/24	07/16/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2429025	
Chloride	40.6	20.0	1	07/15/24	07/16/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Prairie Fire 30 Facility 1 Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 7/19/2024 11:50:45AM
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SW2 - 0.4'
E407110-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2429015	
Benzene	ND	0.0250	1	07/15/24	07/16/24	
Ethylbenzene	ND	0.0250	1	07/15/24	07/16/24	
Toluene	ND	0.0250	1	07/15/24	07/16/24	
o-Xylene	ND	0.0250	1	07/15/24	07/16/24	
p,m-Xylene	ND	0.0500	1	07/15/24	07/16/24	
Total Xylenes	ND	0.0250	1	07/15/24	07/16/24	
Surrogate: 4-Bromochlorobenzene-PID	92.2 %	70-130		07/15/24	07/16/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2429015	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/24	07/16/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	105 %	70-130		07/15/24	07/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2429013	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/24	07/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/24	07/16/24	
Surrogate: n-Nonane	97.8 %	50-200		07/15/24	07/16/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2429025	
Chloride	44.0	20.0	1	07/15/24	07/17/24	



Sample Data

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

Project Name: Prairie Fire 30 Facility 1
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
7/19/2024 11:50:45AM

SW3 - 0.4'

E407110-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2429015
Benzene	ND	0.0250	1	07/15/24	07/16/24	
Ethylbenzene	ND	0.0250	1	07/15/24	07/16/24	
Toluene	ND	0.0250	1	07/15/24	07/16/24	
o-Xylene	ND	0.0250	1	07/15/24	07/16/24	
p,m-Xylene	ND	0.0500	1	07/15/24	07/16/24	
Total Xylenes	ND	0.0250	1	07/15/24	07/16/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.5 %	70-130		07/15/24	07/16/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2429015
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/24	07/16/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	105 %	70-130		07/15/24	07/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2429013
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/24	07/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/24	07/16/24	
<i>Surrogate: n-Nonane</i>						
	103 %	50-200		07/15/24	07/16/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2429025
Chloride	41.9	20.0	1	07/15/24	07/16/24	



Sample Data

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

Project Name: Prairie Fire 30 Facility 1
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
7/19/2024 11:50:45AM

SW4 - 0.4'

E407110-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: IY		Batch: 2429050
Benzene	ND	0.0250	1	07/17/24	07/17/24	
Ethylbenzene	ND	0.0250	1	07/17/24	07/17/24	
Toluene	ND	0.0250	1	07/17/24	07/17/24	
o-Xylene	ND	0.0250	1	07/17/24	07/17/24	
p,m-Xylene	ND	0.0500	1	07/17/24	07/17/24	
Total Xylenes	ND	0.0250	1	07/17/24	07/17/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.1 %	70-130	07/17/24	07/17/24	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2429050
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/17/24	07/17/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.9 %	70-130	07/17/24	07/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: KM		Batch: 2429049
Diesel Range Organics (C10-C28)	ND	25.0	1	07/17/24	07/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/17/24	07/18/24	
<i>Surrogate: n-Nonane</i>		119 %	50-200	07/17/24	07/18/24	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: DT		Batch: 2429039
Chloride	ND	20.0	1	07/17/24	07/17/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Prairie Fire 30 Facility 1	Reported: 7/19/2024 11:50:45AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW5 - 0.4'
E407110-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2429015	
Benzene	ND	0.0250	1	07/15/24	07/16/24	
Ethylbenzene	ND	0.0250	1	07/15/24	07/16/24	
Toluene	ND	0.0250	1	07/15/24	07/16/24	
o-Xylene	ND	0.0250	1	07/15/24	07/16/24	
p,m-Xylene	ND	0.0500	1	07/15/24	07/16/24	
Total Xylenes	ND	0.0250	1	07/15/24	07/16/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.1 %	70-130		07/15/24	07/16/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2429015	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/24	07/16/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	105 %	70-130		07/15/24	07/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2429013	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/24	07/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/24	07/16/24	
<i>Surrogate: n-Nonane</i>						
	102 %	50-200		07/15/24	07/16/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2429025	
Chloride	43.8	20.0	1	07/15/24	07/16/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Prairie Fire 30 Facility 1 Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 7/19/2024 11:50:45AM
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SW6 - 0.4'
E407110-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2429015	
Benzene	ND	0.0250	1	07/15/24	07/16/24	
Ethylbenzene	ND	0.0250	1	07/15/24	07/16/24	
Toluene	ND	0.0250	1	07/15/24	07/16/24	
o-Xylene	ND	0.0250	1	07/15/24	07/16/24	
p,m-Xylene	ND	0.0500	1	07/15/24	07/16/24	
Total Xylenes	ND	0.0250	1	07/15/24	07/16/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.0 %	70-130		07/15/24	07/16/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2429015	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/24	07/16/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	106 %	70-130		07/15/24	07/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2429013	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/24	07/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/24	07/16/24	
<i>Surrogate: n-Nonane</i>						
	115 %	50-200		07/15/24	07/16/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2429025	
Chloride	39.9	20.0	1	07/15/24	07/16/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Prairie Fire 30 Facility 1 Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 7/19/2024 11:50:45AM
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BG1 - 1'

E407110-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2429015
Benzene	ND	0.0250	1	07/15/24	07/16/24	
Ethylbenzene	ND	0.0250	1	07/15/24	07/16/24	
Toluene	ND	0.0250	1	07/15/24	07/16/24	
o-Xylene	ND	0.0250	1	07/15/24	07/16/24	
p,m-Xylene	ND	0.0500	1	07/15/24	07/16/24	
Total Xylenes	ND	0.0250	1	07/15/24	07/16/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.6 %	70-130		07/15/24	07/16/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2429015
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/24	07/16/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	106 %	70-130		07/15/24	07/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2429013
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/24	07/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/24	07/16/24	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		07/15/24	07/16/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2429025
Chloride	38.0	20.0	1	07/15/24	07/16/24	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Prairie Fire 30 Facility 1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/19/2024 11:50:45AM

Volatile Organics by EPA 8021B

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 (2429015-BLK1)

Prepared: 07/15/24 Analyzed: 07/16/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.06		8.00		88.3	70-130			

LCS (2429015-BS1)

Prepared: 07/15/24 Analyzed: 07/16/24

Benzene	4.22	0.0250	5.00		84.4	70-130			
Ethylbenzene	3.95	0.0250	5.00		79.0	70-130			
Toluene	4.15	0.0250	5.00		83.1	70-130			
o-Xylene	4.02	0.0250	5.00		80.3	70-130			
p,m-Xylene	8.14	0.0500	10.0		81.4	70-130			
Total Xylenes	12.2	0.0250	15.0		81.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.14		8.00		89.3	70-130			

Matrix Spike (2429015-MS1)

Source: E407110-02

Prepared: 07/15/24 Analyzed: 07/16/24

Benzene	5.42	0.0250	5.00	ND	108	54-133			
Ethylbenzene	5.06	0.0250	5.00	ND	101	61-133			
Toluene	5.34	0.0250	5.00	ND	107	61-130			
o-Xylene	5.16	0.0250	5.00	ND	103	63-131			
p,m-Xylene	10.4	0.0500	10.0	ND	104	63-131			
Total Xylenes	15.6	0.0250	15.0	ND	104	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.12		8.00		89.1	70-130			

Matrix Spike Dup (2429015-MSD1)

Source: E407110-02

Prepared: 07/15/24 Analyzed: 07/16/24

Benzene	4.75	0.0250	5.00	ND	95.0	54-133	13.2	20	
Ethylbenzene	4.45	0.0250	5.00	ND	89.0	61-133	12.9	20	
Toluene	4.67	0.0250	5.00	ND	93.4	61-130	13.3	20	
o-Xylene	4.53	0.0250	5.00	ND	90.5	63-131	13.1	20	
p,m-Xylene	9.15	0.0500	10.0	ND	91.5	63-131	13.0	20	
Total Xylenes	13.7	0.0250	15.0	ND	91.2	63-131	13.0	20	
Surrogate: 4-Bromochlorobenzene-PID	7.15		8.00		89.4	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Prairie Fire 30 Facility 1	Reported: 7/19/2024 11:50:45AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2429050-BLK1)

Prepared: 07/17/24 Analyzed: 07/17/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.10		8.00		88.8	70-130			

LCS (2429050-BS1)

Prepared: 07/17/24 Analyzed: 07/17/24

Benzene	4.64	0.0250	5.00		92.8	70-130			
Ethylbenzene	4.57	0.0250	5.00		91.5	70-130			
Toluene	4.66	0.0250	5.00		93.2	70-130			
o-Xylene	4.55	0.0250	5.00		90.9	70-130			
p,m-Xylene	9.30	0.0500	10.0		93.0	70-130			
Total Xylenes	13.8	0.0250	15.0		92.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.06		8.00		88.2	70-130			

LCS Dup (2429050-BSD1)

Prepared: 07/17/24 Analyzed: 07/17/24

Benzene	4.70	0.0250	5.00		94.1	70-130	1.41	20	
Ethylbenzene	4.66	0.0250	5.00		93.2	70-130	1.87	20	
Toluene	4.74	0.0250	5.00		94.8	70-130	1.67	20	
o-Xylene	4.65	0.0250	5.00		93.0	70-130	2.29	20	
p,m-Xylene	9.46	0.0500	10.0		94.6	70-130	1.73	20	
Total Xylenes	14.1	0.0250	15.0		94.1	70-130	1.92	20	
Surrogate: 4-Bromochlorobenzene-PID	7.38		8.00		92.3	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Prairie Fire 30 Facility 1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/19/2024 11:50:45AM

Nonhalogenated Organics by EPA 8015D - GRO

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 (2429015-BLK1) Prepared: 07/15/24 Analyzed: 07/16/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.35		8.00		104	70-130			

LCS (2429015-BS2) Prepared: 07/15/24 Analyzed: 07/16/24

Gasoline Range Organics (C6-C10)	48.5	20.0	50.0		96.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.52		8.00		106	70-130			

Matrix Spike (2429015-MS2) Source: E407110-02 Prepared: 07/15/24 Analyzed: 07/16/24

Gasoline Range Organics (C6-C10)	53.9	20.0	50.0	ND	108	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.56		8.00		107	70-130			

Matrix Spike Dup (2429015-MSD2) Source: E407110-02 Prepared: 07/15/24 Analyzed: 07/16/24

Gasoline Range Organics (C6-C10)	58.3	20.0	50.0	ND	117	70-130	7.93	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.61		8.00		108	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Prairie Fire 30 Facility 1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/19/2024 11:50:45AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2429050-BLK1) Prepared: 07/17/24 Analyzed: 07/17/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.80		8.00		97.5	70-130			

LCS (2429050-BS2) Prepared: 07/17/24 Analyzed: 07/17/24

Gasoline Range Organics (C6-C10)	40.3	20.0	50.0		80.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.80		8.00		97.6	70-130			

LCS Dup (2429050-BSD2) Prepared: 07/17/24 Analyzed: 07/17/24

Gasoline Range Organics (C6-C10)	43.2	20.0	50.0		86.4	70-130	7.02	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.76		8.00		97.0	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Prairie Fire 30 Facility 1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/19/2024 11:50:45AM

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 (2429013-BLK1) Prepared: 07/15/24 Analyzed: 07/15/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.1		50.0		104	50-200			

LCS (2429013-BS1) Prepared: 07/15/24 Analyzed: 07/15/24

Diesel Range Organics (C10-C28)	238	25.0	250		95.3	38-132			
Surrogate: n-Nonane	35.3		50.0		70.7	50-200			

Matrix Spike (2429013-MS1) Source: E407110-08 Prepared: 07/15/24 Analyzed: 07/15/24

Diesel Range Organics (C10-C28)	268	25.0	250	ND	107	38-132			
Surrogate: n-Nonane	44.1		50.0		88.1	50-200			

Matrix Spike Dup (2429013-MSD1) Source: E407110-08 Prepared: 07/15/24 Analyzed: 07/15/24

Diesel Range Organics (C10-C28)	242	25.0	250	ND	96.8	38-132	10.0	20	
Surrogate: n-Nonane	32.5		50.0		65.1	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Prairie Fire 30 Facility 1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/19/2024 11:50:45AM

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 (2429049-BLK1) Prepared: 07/17/24 Analyzed: 07/17/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.2		50.0		104	50-200			

LCS (2429049-BS1) Prepared: 07/17/24 Analyzed: 07/17/24

Diesel Range Organics (C10-C28)	235	25.0	250		93.8	38-132			
Surrogate: n-Nonane	54.8		50.0		110	50-200			

Matrix Spike (2429049-MS1) Source: E407129-02 Prepared: 07/17/24 Analyzed: 07/17/24

Diesel Range Organics (C10-C28)	244	25.0	250	ND	97.6	38-132			
Surrogate: n-Nonane	59.4		50.0		119	50-200			

Matrix Spike Dup (2429049-MSD1) Source: E407129-02 Prepared: 07/17/24 Analyzed: 07/17/24

Diesel Range Organics (C10-C28)	243	25.0	250	ND	97.3	38-132	0.353	20	
Surrogate: n-Nonane	54.3		50.0		109	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Prairie Fire 30 Facility 1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/19/2024 11:50:45AM

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (2429025-BLK1)					Prepared: 07/15/24 Analyzed: 07/16/24				
Chloride	ND	20.0							
LCS (2429025-BS1)					Prepared: 07/15/24 Analyzed: 07/16/24				
Chloride	259	20.0	250		104	90-110			
Matrix Spike (2429025-MS1)					Source: E407110-02		Prepared: 07/15/24 Analyzed: 07/16/24		
Chloride	408	100	250	146	104	80-120			
Matrix Spike Dup (2429025-MSD1)					Source: E407110-02		Prepared: 07/15/24 Analyzed: 07/16/24		
Chloride	389	100	250	146	97.0	80-120	4.67	20	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Prairie Fire 30 Facility 1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/19/2024 11:50:45AM

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (2429039-BLK1)					Prepared: 07/16/24 Analyzed: 07/16/24				
Chloride	ND	20.0							
LCS (2429039-BS1)					Prepared: 07/16/24 Analyzed: 07/16/24				
Chloride	252	20.0	250		101	90-110			
LCS Dup (2429039-BSD1)					Prepared: 07/16/24 Analyzed: 07/16/24				
Chloride	251	20.0	250		100	90-110	0.685	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:	Prairie Fire 30 Facility 1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	07/19/24 11:50

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with ** are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Project Information

Chain of Custody

Page 3 of 4

Client: <u>Pima Environmental Services</u>		Bill To		Lab Use Only		TAT				EPA Program			
Project: <u>Prairie Fire 30 Facility 1</u>		Attention: <u>Devon</u>		Lab WO# <u>E 407110</u>		Job Number <u>01058-0007</u>		1D	2D	3D	Standard	CWA	SDWA
Project Manager: <u>Gio Gomez</u>		Address:									☒		
Address: <u>5614 N. Lovington Hwy.</u>		City, State, Zip											RCRA
City, State, Zip <u>Hobbs, NM. 88240</u>		Phone:											
Phone: <u>806-782-1151</u>		Email:											
Email: <u>gio@pimaoil.com</u>		Pima Project # <u>1-371</u>											
Report due by:													

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	BDOC NM	BDOC TX	Remarks
2:31	7/11	S	1	S5-Surface	1							X		
2:38				S5-1'	2									
2:43				S5-2'	3									
2:47				S5-3'	4									
2:50				S5-4'	5									
2:53				SW1-0.4'	6									
2:59				SW2-0.4'	7									
3:08				SW3-0.4'	8									
3:17				SW4-0.4'	9									
3:24				SW5-0.4'	10									

Additional Instructions:

Billing # 21369825

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

Sampled by:

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

Relinquished by: (Signature) <u>Karime Adame</u>	Date <u>7/12/24</u>	Time <u>10:50</u>	Received by: (Signature) <u>Michelle Gonzales</u>	Date <u>7-12-24</u>	Time <u>1050</u>	Lab Use Only Received on ice: <u>0/ N</u> T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature) <u>Michelle Gonzales</u>	Date <u>7-12-24</u>	Time <u>1625</u>	Received by: (Signature) <u>A.M.</u>	Date <u>7-12-24</u>	Time <u>1900</u>	
Relinquished by: (Signature) <u>A.M.</u>	Date <u>7-12-24</u>	Time <u>2400</u>	Received by: (Signature) <u>Alexa Michaels</u>	Date <u>7/15/24</u>	Time <u>900</u>	

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

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

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

~~Chain of Custody~~

Envirotech Analytical Laboratory

Printed: 7/15/2024 11:23:36AM

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:	07/15/24 09:00	Work Order ID:	E407110
Phone:	(575) 631-6977	Date Logged In:	07/12/24 16:16	Logged In By:	Alexa Michaels
Email:	gio@pimaoil.com	Due Date:	07/19/24 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
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: CouierComments/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

Prairie Fire 30 Facility 1 has been separated into multiple WO due to high sample volume. WO are E407109 and E407110. Sample SW-0.4 was not recieved.

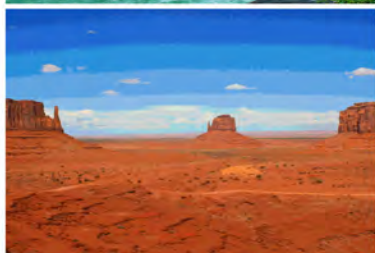
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Gio Gomez



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Prairie Fire 30 Facility

Work Order: E407197

Job Number: 01058-0007

Received: 7/25/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/31/24

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 7/31/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247



Project Name: Prairie Fire 30 Facility
Workorder: E407197
Date Received: 7/25/2024 8:30:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/25/2024 8:30:00AM, under the Project Name: Prairie Fire 30 Facility.

The analytical test results summarized in this report with the Project Name: Prairie Fire 30 Facility 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

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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Prairie Fire 30 Facility	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	07/31/24 09:21

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S3-5'	E407197-01A	Soil	07/22/24	07/25/24	Glass Jar, 2 oz.



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Prairie Fire 30 Facility Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 7/31/2024 9:21:39AM
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S3-5'

E407197-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY		Batch: 2430107	
Benzene	ND	0.0250	1	07/25/24	07/26/24	
Ethylbenzene	ND	0.0250	1	07/25/24	07/26/24	
Toluene	ND	0.0250	1	07/25/24	07/26/24	
o-Xylene	ND	0.0250	1	07/25/24	07/26/24	
p,m-Xylene	ND	0.0500	1	07/25/24	07/26/24	
Total Xylenes	ND	0.0250	1	07/25/24	07/26/24	
Surrogate: Bromofluorobenzene		102 %	70-130	07/25/24	07/26/24	
Surrogate: 1,2-Dichloroethane-d4		99.8 %	70-130	07/25/24	07/26/24	
Surrogate: Toluene-d8		99.0 %	70-130	07/25/24	07/26/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2430107	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/24	07/26/24	
Surrogate: Bromofluorobenzene		102 %	70-130	07/25/24	07/26/24	
Surrogate: 1,2-Dichloroethane-d4		99.8 %	70-130	07/25/24	07/26/24	
Surrogate: Toluene-d8		99.0 %	70-130	07/25/24	07/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2430104	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/24	07/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/24	07/26/24	
Surrogate: n-Nonane		102 %	50-200	07/25/24	07/26/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2430109	
Chloride	ND	20.0	1	07/25/24	07/25/24	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Prairie Fire 30 Facility	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/31/2024 9:21:39AM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

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

Blank (2430107-BLK1) Prepared: 07/25/24 Analyzed: 07/26/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.513		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500		96.8	70-130			
Surrogate: Toluene-d8	0.492		0.500		98.3	70-130			

LCS (2430107-BS1) Prepared: 07/25/24 Analyzed: 07/26/24

Benzene	2.35	0.0250	2.50		94.1	70-130			
Ethylbenzene	2.48	0.0250	2.50		99.1	70-130			
Toluene	2.32	0.0250	2.50		92.7	70-130			
o-Xylene	2.46	0.0250	2.50		98.6	70-130			
p,m-Xylene	4.91	0.0500	5.00		98.1	70-130			
Total Xylenes	7.37	0.0250	7.50		98.3	70-130			
Surrogate: Bromofluorobenzene	0.506		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.5	70-130			
Surrogate: Toluene-d8	0.495		0.500		99.0	70-130			

Matrix Spike (2430107-MS1) Source: E407202-01 Prepared: 07/25/24 Analyzed: 07/26/24

Benzene	2.38	0.0250	2.50	ND	95.0	48-131			
Ethylbenzene	2.47	0.0250	2.50	ND	98.9	45-135			
Toluene	2.31	0.0250	2.50	ND	92.2	48-130			
o-Xylene	2.47	0.0250	2.50	ND	98.8	43-135			
p,m-Xylene	4.91	0.0500	5.00	ND	98.1	43-135			
Total Xylenes	7.38	0.0250	7.50	ND	98.3	43-135			
Surrogate: Bromofluorobenzene	0.518		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.5	70-130			
Surrogate: Toluene-d8	0.492		0.500		98.3	70-130			

Matrix Spike Dup (2430107-MSD1) Source: E407202-01 Prepared: 07/25/24 Analyzed: 07/26/24

Benzene	2.42	0.0250	2.50	ND	96.9	48-131	2.02	23	
Ethylbenzene	2.55	0.0250	2.50	ND	102	45-135	3.01	27	
Toluene	2.36	0.0250	2.50	ND	94.5	48-130	2.42	24	
o-Xylene	2.58	0.0250	2.50	ND	103	43-135	4.26	27	
p,m-Xylene	5.09	0.0500	5.00	ND	102	43-135	3.59	27	
Total Xylenes	7.66	0.0250	7.50	ND	102	43-135	3.82	27	
Surrogate: Bromofluorobenzene	0.512		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.494		0.500		98.7	70-130			
Surrogate: Toluene-d8	0.492		0.500		98.3	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Prairie Fire 30 Facility	Reported: 7/31/2024 9:21:39AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2430107-BLK1) Prepared: 07/25/24 Analyzed: 07/26/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.513		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500		96.8	70-130			
Surrogate: Toluene-d8	0.492		0.500		98.3	70-130			

LCS (2430107-BS2) Prepared: 07/25/24 Analyzed: 07/26/24

Gasoline Range Organics (C6-C10)	45.7	20.0	50.0		91.4	70-130			
Surrogate: Bromofluorobenzene	0.514		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		96.9	70-130			
Surrogate: Toluene-d8	0.504		0.500		101	70-130			

Matrix Spike (2430107-MS2) Source: E407202-01 Prepared: 07/25/24 Analyzed: 07/26/24

Gasoline Range Organics (C6-C10)	47.9	20.0	50.0	ND	95.8	70-130			
Surrogate: Bromofluorobenzene	0.520		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.4	70-130			
Surrogate: Toluene-d8	0.504		0.500		101	70-130			

Matrix Spike Dup (2430107-MSD2) Source: E407202-01 Prepared: 07/25/24 Analyzed: 07/26/24

Gasoline Range Organics (C6-C10)	46.4	20.0	50.0	ND	92.8	70-130	3.26	20	
Surrogate: Bromofluorobenzene	0.523		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.5	70-130			
Surrogate: Toluene-d8	0.499		0.500		99.7	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Prairie Fire 30 Facility	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/31/2024 9:21:39AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2430104-BLK1) Prepared: 07/25/24 Analyzed: 07/26/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	54.1		50.0		108	50-200			

LCS (2430104-BS1) Prepared: 07/25/24 Analyzed: 07/26/24

Diesel Range Organics (C10-C28)	237	25.0	250		94.8	38-132			
Surrogate: n-Nonane	52.2		50.0		104	50-200			

Matrix Spike (2430104-MS1) Source: E407187-24 Prepared: 07/25/24 Analyzed: 07/26/24

Diesel Range Organics (C10-C28)	236	25.0	250	ND	94.4	38-132			
Surrogate: n-Nonane	49.8		50.0		99.5	50-200			

Matrix Spike Dup (2430104-MSD1) Source: E407187-24 Prepared: 07/25/24 Analyzed: 07/26/24

Diesel Range Organics (C10-C28)	227	25.0	250	ND	90.7	38-132	4.08	20	
Surrogate: n-Nonane	51.7		50.0		103	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Prairie Fire 30 Facility	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/31/2024 9:21:39AM

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (2430109-BLK1)					Prepared: 07/25/24 Analyzed: 07/25/24				
Chloride	ND	20.0							
LCS (2430109-BS1)					Prepared: 07/25/24 Analyzed: 07/25/24				
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2430109-MS1)					Source: E407194-04		Prepared: 07/25/24 Analyzed: 07/25/24		
Chloride	427	20.0	250	160	107	80-120			
Matrix Spike Dup (2430109-MSD1)					Source: E407194-04		Prepared: 07/25/24 Analyzed: 07/25/24		
Chloride	423	20.0	250	160	105	80-120	0.883	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:	Prairie Fire 30 Facility	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	07/31/24 09:21

- ND Analyte NOT DETECTED at or above the reporting limit
 - NR Not Reported
 - RPD Relative Percent Difference
 - DNI Did Not Ignite
 - DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with ** are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Project Information

Chain of Custody

Page 1 of 1

Client: Pima Environmental Services					Bill To		Lab Use Only		TAT				EPA Program			
Project: <u>Prairie Fire 30 Facility</u>					Attention: <u>Devon</u>		Lab WO# <u>E407197</u>		Job Number <u>01058-0007</u>		1D	2D	3D	Standard	CWA	SDWA
Project Manager: <u>Gio Gomez</u>					Address:											
Address: <u>5614 N. Lovington Hwy.</u>					City, State, Zip										RCRA	
City, State, Zip <u>Hobbs, NM, 88240</u>					Phone:											
Phone: <u>806-782-1151</u>					Email:											
Email: <u>gio@pimaoil.com</u>					Pima Project # <u>1-371</u>											
Report due by:																
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC NM	BGDOC TX	State	
															☒ NM ☐ CO ☐ UT ☐ AZ ☐ TX	
															Remarks	
6:35 ^{AM}	7/22	S		S3-5'	1								X			

Additional Instructions:

Billing # 21369825

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

Sampled by:

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

Relinquished by: (Signature) <u>Karime Adams</u>	Date <u>7-24-24</u>	Time <u>2:00</u>	Received by: (Signature) <u>Michelle Gonzales</u>	Date <u>7-24-24</u>	Time <u>1400</u>	Lab Use Only Received on ice: ☒ Y ☐ N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature) <u>Michelle Gonzales</u>	Date <u>7-24-24</u>	Time <u>1635</u>	Received by: (Signature) <u>A.M.</u>	Date <u>7-24-24</u>	Time <u>1700</u>	
Relinquished by: (Signature) <u>A.M.</u>	Date <u>7-24-24</u>	Time <u>2400</u>	Received by: (Signature) <u>Soto</u>	Date <u>7-25-24</u>	Time <u>0830</u>	
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other						Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

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

Envirotech Analytical Laboratory

Printed: 7/25/2024 11:45:02AM

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:	07/25/24 08:30	Work Order ID:	E407197
Phone:	(575) 631-6977	Date Logged In:	07/24/24 15:37	Logged In By:	Alexa Michaels
Email:	gio@pimaoil.com	Due Date:	07/31/24 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
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: CouierComments/Resolution

No. of containers and sampled by is not listed on the COC by client.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

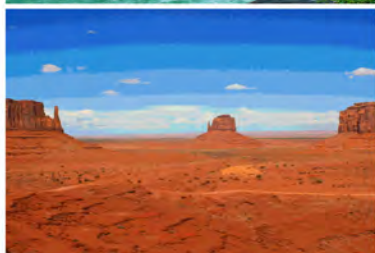
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Tom Bynum



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Prairie Fire 30 Facility 1

Work Order: E408279

Job Number: 01058-0007

Received: 9/3/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/3/24

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 9/3/24

Tom Bynum
PO Box 247
Plains, TX 79355-0247



Project Name: Prairie Fire 30 Facility 1
Workorder: E408279
Date Received: 9/3/2024 5:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/3/2024 5:00:00AM, under the Project Name: Prairie Fire 30 Facility 1.

The analytical test results summarized in this report with the Project Name: Prairie Fire 30 Facility 1 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,

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Prairie Fire 30 Facility 1	Reported: 09/03/24 16:40
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS1-1.5'	E408279-01A	Soil	08/30/24	09/03/24	Glass Jar, 2 oz.
CS2-1.5'	E408279-02A	Soil	08/30/24	09/03/24	Glass Jar, 2 oz.
CS3-4'	E408279-03A	Soil	08/30/24	09/03/24	Glass Jar, 2 oz.
CS4-1.5'	E408279-04A	Soil	08/30/24	09/03/24	Glass Jar, 2 oz.
CS5-1.5'	E408279-05A	Soil	08/30/24	09/03/24	Glass Jar, 2 oz.
CSW1-1.5'	E408279-06A	Soil	08/30/24	09/03/24	Glass Jar, 2 oz.
CSW2-4'	E408279-07A	Soil	08/30/24	09/03/24	Glass Jar, 2 oz.
CSW3-1.5'	E408279-08A	Soil	08/30/24	09/03/24	Glass Jar, 2 oz.
Backfill 1	E408279-09A	Soil	08/30/24	09/03/24	Glass Jar, 2 oz.
Backfill 2	E408279-10A	Soil	08/30/24	09/03/24	Glass Jar, 2 oz.
Backfill 3	E408279-11A	Soil	08/30/24	09/03/24	Glass Jar, 2 oz.



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Prairie Fire 30 Facility 1 Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 9/3/2024 4:40:12PM
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CS1-1.5'

E408279-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: CG		Batch: 2436003	
Benzene	ND	0.0250	1	09/03/24	09/03/24	
Ethylbenzene	ND	0.0250	1	09/03/24	09/03/24	
Toluene	ND	0.0250	1	09/03/24	09/03/24	
o-Xylene	ND	0.0250	1	09/03/24	09/03/24	
p,m-Xylene	ND	0.0500	1	09/03/24	09/03/24	
Total Xylenes	ND	0.0250	1	09/03/24	09/03/24	
Surrogate: 4-Bromochlorobenzene-PID	92.0 %	70-130		09/03/24	09/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG		Batch: 2436003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/03/24	09/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	92.9 %	70-130		09/03/24	09/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2436002	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/03/24	
Surrogate: n-Nonane	84.9 %	50-200		09/03/24	09/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2436001	
Chloride	ND	20.0	1	09/03/24	09/03/24	



Sample Data

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

Project Name: Prairie Fire 30 Facility 1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
9/3/2024 4:40:12PM

CS2-1.5'

E408279-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: CG		Batch: 2436003	
Benzene	ND	0.0250	1	09/03/24	09/03/24	
Ethylbenzene	ND	0.0250	1	09/03/24	09/03/24	
Toluene	ND	0.0250	1	09/03/24	09/03/24	
o-Xylene	ND	0.0250	1	09/03/24	09/03/24	
p,m-Xylene	ND	0.0500	1	09/03/24	09/03/24	
Total Xylenes	ND	0.0250	1	09/03/24	09/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.1 %	70-130		09/03/24	09/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: CG		Batch: 2436003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/03/24	09/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.5 %	70-130		09/03/24	09/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2436002	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/03/24	
<i>Surrogate: n-Nonane</i>						
	91.7 %	50-200		09/03/24	09/03/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: WF		Batch: 2436001	
Chloride	ND	20.0	1	09/03/24	09/03/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Prairie Fire 30 Facility 1 Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 9/3/2024 4:40:12PM
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CS3-4'
E408279-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: CG		Batch: 2436003	
Benzene	ND	0.0250	1	09/03/24	09/03/24	
Ethylbenzene	ND	0.0250	1	09/03/24	09/03/24	
Toluene	ND	0.0250	1	09/03/24	09/03/24	
o-Xylene	ND	0.0250	1	09/03/24	09/03/24	
p,m-Xylene	ND	0.0500	1	09/03/24	09/03/24	
Total Xylenes	ND	0.0250	1	09/03/24	09/03/24	
Surrogate: 4-Bromochlorobenzene-PID	91.5 %	70-130		09/03/24	09/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG		Batch: 2436003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/03/24	09/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	92.5 %	70-130		09/03/24	09/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2436002	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/03/24	
Surrogate: n-Nonane	90.8 %	50-200		09/03/24	09/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF		Batch: 2436001	
Chloride	ND	20.0	1	09/03/24	09/03/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Prairie Fire 30 Facility 1 Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 9/3/2024 4:40:12PM
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CS4-1.5'

E408279-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: CG		Batch: 2436003	
Benzene	ND	0.0250	1	09/03/24	09/03/24	
Ethylbenzene	ND	0.0250	1	09/03/24	09/03/24	
Toluene	ND	0.0250	1	09/03/24	09/03/24	
o-Xylene	ND	0.0250	1	09/03/24	09/03/24	
p,m-Xylene	ND	0.0500	1	09/03/24	09/03/24	
Total Xylenes	ND	0.0250	1	09/03/24	09/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	100 %	70-130		09/03/24	09/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: CG		Batch: 2436003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/03/24	09/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.0 %	70-130		09/03/24	09/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2436002	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/03/24	
<i>Surrogate: n-Nonane</i>						
	89.6 %	50-200		09/03/24	09/03/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: WF		Batch: 2436001	
Chloride	ND	20.0	1	09/03/24	09/03/24	



Sample Data

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

Project Name: Prairie Fire 30 Facility 1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
9/3/2024 4:40:12PM

CS5-1.5'

E408279-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: CG		Batch: 2436003	
Benzene	ND	0.0250	1	09/03/24	09/03/24	
Ethylbenzene	ND	0.0250	1	09/03/24	09/03/24	
Toluene	ND	0.0250	1	09/03/24	09/03/24	
o-Xylene	ND	0.0250	1	09/03/24	09/03/24	
p,m-Xylene	ND	0.0500	1	09/03/24	09/03/24	
Total Xylenes	ND	0.0250	1	09/03/24	09/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	09/03/24	09/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: CG		Batch: 2436003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/03/24	09/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		96.2 %	70-130	09/03/24	09/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2436002	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/03/24	
<i>Surrogate: n-Nonane</i>						
		90.6 %	50-200	09/03/24	09/03/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2436001	
Chloride	ND	20.0	1	09/03/24	09/03/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Prairie Fire 30 Facility 1	Reported: 9/3/2024 4:40:12PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CSW1-1.5'
E408279-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: CG		Batch: 2436003	
Benzene	ND	0.0250	1	09/03/24	09/03/24	
Ethylbenzene	ND	0.0250	1	09/03/24	09/03/24	
Toluene	ND	0.0250	1	09/03/24	09/03/24	
o-Xylene	ND	0.0250	1	09/03/24	09/03/24	
p,m-Xylene	ND	0.0500	1	09/03/24	09/03/24	
Total Xylenes	ND	0.0250	1	09/03/24	09/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	100 %	70-130		09/03/24	09/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: CG		Batch: 2436003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/03/24	09/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.5 %	70-130		09/03/24	09/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2436002	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/03/24	
<i>Surrogate: n-Nonane</i>						
	89.4 %	50-200		09/03/24	09/03/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2436001	
Chloride	ND	20.0	1	09/03/24	09/03/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Prairie Fire 30 Facility 1 Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 9/3/2024 4:40:12PM
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CSW2-4'

E408279-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: CG		Batch: 2436003	
Benzene	ND	0.0250	1	09/03/24	09/03/24	
Ethylbenzene	ND	0.0250	1	09/03/24	09/03/24	
Toluene	ND	0.0250	1	09/03/24	09/03/24	
o-Xylene	ND	0.0250	1	09/03/24	09/03/24	
p,m-Xylene	ND	0.0500	1	09/03/24	09/03/24	
Total Xylenes	ND	0.0250	1	09/03/24	09/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	09/03/24	09/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: CG		Batch: 2436003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/03/24	09/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		95.0 %	70-130	09/03/24	09/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2436002	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/03/24	
<i>Surrogate: n-Nonane</i>						
		89.6 %	50-200	09/03/24	09/03/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2436001	
Chloride	ND	20.0	1	09/03/24	09/03/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Prairie Fire 30 Facility 1 Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 9/3/2024 4:40:12PM
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CSW3-1.5'
E408279-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: CG		Batch: 2436003	
Benzene	ND	0.0250	1	09/03/24	09/03/24	
Ethylbenzene	ND	0.0250	1	09/03/24	09/03/24	
Toluene	ND	0.0250	1	09/03/24	09/03/24	
o-Xylene	ND	0.0250	1	09/03/24	09/03/24	
p,m-Xylene	ND	0.0500	1	09/03/24	09/03/24	
Total Xylenes	ND	0.0250	1	09/03/24	09/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	09/03/24	09/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG		Batch: 2436003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/03/24	09/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		95.3 %	70-130	09/03/24	09/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2436002	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/03/24	
<i>Surrogate: n-Nonane</i>						
		87.3 %	50-200	09/03/24	09/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2436001	
Chloride	ND	20.0	1	09/03/24	09/03/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Prairie Fire 30 Facility 1	Reported: 9/3/2024 4:40:12PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Backfill 1

E408279-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: CG		Batch: 2436003	
Benzene	ND	0.0250	1	09/03/24	09/03/24	
Ethylbenzene	ND	0.0250	1	09/03/24	09/03/24	
Toluene	ND	0.0250	1	09/03/24	09/03/24	
o-Xylene	ND	0.0250	1	09/03/24	09/03/24	
p,m-Xylene	ND	0.0500	1	09/03/24	09/03/24	
Total Xylenes	ND	0.0250	1	09/03/24	09/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.9 %	70-130		09/03/24	09/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG		Batch: 2436003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/03/24	09/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.6 %	70-130		09/03/24	09/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2436002	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/03/24	
<i>Surrogate: n-Nonane</i>						
	91.2 %	50-200		09/03/24	09/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2436001	
Chloride	ND	20.0	1	09/03/24	09/03/24	



Sample Data

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

Project Name: Prairie Fire 30 Facility 1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
9/3/2024 4:40:12PM

Backfill 2

E408279-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: CG		Batch: 2436003	
Benzene	ND	0.0250	1	09/03/24	09/03/24	
Ethylbenzene	ND	0.0250	1	09/03/24	09/03/24	
Toluene	ND	0.0250	1	09/03/24	09/03/24	
o-Xylene	ND	0.0250	1	09/03/24	09/03/24	
p,m-Xylene	ND	0.0500	1	09/03/24	09/03/24	
Total Xylenes	ND	0.0250	1	09/03/24	09/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.4 %	70-130		09/03/24	09/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: CG		Batch: 2436003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/03/24	09/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.3 %	70-130		09/03/24	09/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2436002	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/03/24	
<i>Surrogate: n-Nonane</i>						
	90.2 %	50-200		09/03/24	09/03/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2436001	
Chloride	ND	20.0	1	09/03/24	09/03/24	



Sample Data

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

Project Name: Prairie Fire 30 Facility 1
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
9/3/2024 4:40:12PM

Backfill 3

E408279-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: CG		Batch: 2436003
Benzene	ND	0.0250	1	09/03/24	09/03/24	
Ethylbenzene	ND	0.0250	1	09/03/24	09/03/24	
Toluene	ND	0.0250	1	09/03/24	09/03/24	
o-Xylene	ND	0.0250	1	09/03/24	09/03/24	
p,m-Xylene	ND	0.0500	1	09/03/24	09/03/24	
Total Xylenes	ND	0.0250	1	09/03/24	09/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.6 %	70-130		09/03/24	09/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: CG		Batch: 2436003
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/03/24	09/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.7 %	70-130		09/03/24	09/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2436002
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/03/24	
<i>Surrogate: n-Nonane</i>						
	87.6 %	50-200		09/03/24	09/03/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2436001
Chloride	ND	20.0	1	09/03/24	09/03/24	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Prairie Fire 30 Facility 1	Reported: 9/3/2024 4:40:12PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Volatile Organics by EPA 8021B

Analyst: CG

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 (2436003-BLK1) Prepared: 09/03/24 Analyzed: 09/03/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.29		8.00		91.2	70-130			

LCS (2436003-BS1) Prepared: 09/03/24 Analyzed: 09/03/24

Benzene	5.25	0.0250	5.00		105	70-130			
Ethylbenzene	5.07	0.0250	5.00		101	70-130			
Toluene	5.16	0.0250	5.00		103	70-130			
o-Xylene	5.02	0.0250	5.00		100	70-130			
p,m-Xylene	10.3	0.0500	10.0		103	70-130			
Total Xylenes	15.3	0.0250	15.0		102	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.29		8.00		91.2	70-130			

LCS Dup (2436003-BS1) Prepared: 09/03/24 Analyzed: 09/03/24

Benzene	5.27	0.0250	5.00		105	70-130	0.375	20	
Ethylbenzene	5.09	0.0250	5.00		102	70-130	0.400	20	
Toluene	5.18	0.0250	5.00		104	70-130	0.389	20	
o-Xylene	5.05	0.0250	5.00		101	70-130	0.580	20	
p,m-Xylene	10.4	0.0500	10.0		104	70-130	0.616	20	
Total Xylenes	15.4	0.0250	15.0		103	70-130	0.605	20	
Surrogate: 4-Bromochlorobenzene-PID	7.34		8.00		91.7	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Prairie Fire 30 Facility 1	Reported: 9/3/2024 4:40:12PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: CG

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 (2436003-BLK1) Prepared: 09/03/24 Analyzed: 09/03/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.71		8.00		96.4	70-130			

LCS (2436003-BS2) Prepared: 09/03/24 Analyzed: 09/03/24

Gasoline Range Organics (C6-C10)	43.6	20.0	50.0		87.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.58		8.00		94.7	70-130			

LCS Dup (2436003-BSD2) Prepared: 09/03/24 Analyzed: 09/03/24

Gasoline Range Organics (C6-C10)	43.8	20.0	50.0		87.5	70-130	0.290	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.60		8.00		95.0	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Prairie Fire 30 Facility 1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/3/2024 4:40:12PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2436002-BLK1) Prepared: 09/03/24 Analyzed: 09/03/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	42.9		50.0		85.8	50-200			

LCS (2436002-BS1) Prepared: 09/03/24 Analyzed: 09/03/24

Diesel Range Organics (C10-C28)	197	25.0	250		78.8	38-132			
Surrogate: n-Nonane	45.8		50.0		91.7	50-200			

LCS Dup (2436002-BSD1) Prepared: 09/03/24 Analyzed: 09/03/24

Diesel Range Organics (C10-C28)	195	25.0	250		78.0	38-132	1.08	20	
Surrogate: n-Nonane	44.9		50.0		89.8	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Prairie Fire 30 Facility 1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/3/2024 4:40:12PM

Anions by EPA 300.0/9056A

Analyst: WF

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

Blank (2436001-BLK1)					Prepared: 09/03/24 Analyzed: 09/03/24				
Chloride	ND	20.0							
LCS (2436001-BS1)					Prepared: 09/03/24 Analyzed: 09/03/24				
Chloride	248	20.0	250		99.1	90-110			
Matrix Spike (2436001-MS1)					Source: E408279-02		Prepared: 09/03/24 Analyzed: 09/03/24		
Chloride	252	20.0	250	ND	101	80-120			
Matrix Spike Dup (2436001-MSD1)					Source: E408279-02		Prepared: 09/03/24 Analyzed: 09/03/24		
Chloride	252	20.0	250	ND	101	80-120	0.122	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:	Prairie Fire 30 Facility 1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	09/03/24 16:40

- ND Analyte NOT DETECTED at or above the reporting limit
 - NR Not Reported
 - RPD Relative Percent Difference
 - DNI Did Not Ignite
 - DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with ** are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.







Envirotech Analytical Laboratory

Printed: 9/3/2024 8:48:22AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	09/03/24 05:00	Work Order ID:	E408279
Phone:	(575) 631-6977	Date Logged In:	08/30/24 15:30	Logged In By:	Noe Soto
Email:	tom@pimaoil.com	Due Date:	09/03/24 17:00 (0 day TAT)		

Chain of Custody (COC)

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

Sampled by name is missing on COC by client.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:

Sample ID?	Yes
Date/Time Collected?	No
Collectors name?	No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab 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

QUESTIONS

Action 380895

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	380895
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2419022958
Incident Name	NAPP2419022958 PRAIRIE FIRE 30 FACILITY 1 @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP2229225101] PRAIRIE FIRE 30 FACILITY 1

Location of Release Source	
Please answer all the questions in this group.	
Site Name	PRAIRIE FIRE 30 FACILITY 1
Date Release Discovered	07/07/2024
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Overflow - Tank, Pit, Etc. Other (Specify) Produced Water Released: 16 BBL Recovered: 15 BBL Lost: 1 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Operator arrived at location and found oil/water mixture on pad after a rain event due to sump overflow. No shut in required. 15 bbls recovered. 16.4 bbls estimated overflowed due to rain.

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Santa Fe, NM 87505

QUESTIONS, Page 2

Action 380895

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:
	6137
	Action Number:
	380895
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

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

Initial Response

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 09/05/2024
--	--

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Santa Fe, NM 87505

QUESTIONS, Page 3

Action 380895

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 380895
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS**Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	High
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan

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

Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	723
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	2224
GRO+DRO (EPA SW-846 Method 8015M)	254
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

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

On what estimated date will the remediation commence	08/27/2024
On what date will (or did) the final sampling or liner inspection occur	08/30/2024
On what date will (or was) the remediation complete(d)	09/06/2024
What is the estimated surface area (in square feet) that will be reclaimed	888
What is the estimated volume (in cubic yards) that will be reclaimed	68
What is the estimated surface area (in square feet) that will be remediated	888
What is the estimated volume (in cubic yards) that will be remediated	68

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

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

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District II

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District III

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District IV

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State of New Mexico
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QUESTIONS, Page 4

Action 380895

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	380895
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	R360 ARTESIA LLC LANDFARM [FEEM0112340644]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 09/05/2024
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 380895

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 380895
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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QUESTIONS, Page 6

Action 380895

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	380895
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	378603
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/30/2024
What was the (estimated) number of samples that were to be gathered	8
What was the sampling surface area in square feet	888

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	888
What was the total volume (cubic yards) remediated	68
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	888
What was the total volume (in cubic yards) reclaimed	68
Summarize any additional remediation activities not included by answers (above)	see report

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

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

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 09/05/2024
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QUESTIONS, Page 7

Action 380895

QUESTIONS (continued)

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	Action Number:	380895
	Action Type:	
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

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

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CONDITIONS

Action 380895

CONDITIONS

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	6137
	Action Number:
	380895
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[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	11/6/2024