RAGIN CAJUN 12 CTB 3

OCD INCIDENT nAPP2423962613

8/26/2024

CONTAINMENT 1

Spills In Lined Containment	
Measurements Of Standing Fluid	
Length(Ft)	27
Width(Ft)	110.00
Depth(in.)	0.25
Total Capacity without tank displacements (bbls)	11.02
No. of 500 bbl Tanks In Standing Fluid	0
No. of Other Tanks In Standing Fluid	0
OD Of Other Tanks In Standing Fluid(feet)	0
Total Volume of standing fluid accounting for tank displacement.	11.02

CONTAINMENT 2

Spills In Lined Containment	
Measurements Of Standing Fluid	
Length(Ft)	50
Width(Ft)	50.00
Depth(in.)	4
Total Capacity without tank displacements (bbls)	148.42
No. of 500 bbl Tanks In Standing Fluid	6
No. of Other Tanks In Standing Fluid	0
OD Of Other Tanks In Standing Fluid(feet)	0
Total Volume of standing fluid accounting for tank displacement.	81.24

ON SURFACE

Spill Volume(Bbls) Calculator	
Inputs in blue, Outputs in red	
Contaminated Soil measurement	
Area (sq feet)	Depth (in)
700.00	0.13
Cubic Feet of Soil Impacted	7.29
Barrels of Soil Impacted	1.30
Soil Type	Sand
Barrels of Oil Assuming 100% Saturation	0.26
Saturation	Damp no fluid when squeezed
Estimated Barrels of Oil Released	0.03
Free Standing Fluid Only	
Area (sq feet)	Depth (inches))
Standing fluid	
Total fluids spilled	**0.03**

TOTAL SPILLED

Fluids spilled in containment (bbls)	**11.02**
Fluids spilled in containment 2 (bbls)	**81.24**
Impacted Surface Soils(bbls)	**0.03**
Total Fluids Spilled (bbls)	**92.29**

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

September 20, 2024

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

Re: Site Characteristic and Remediation Plan Report
Ragin Cajun 12 CTB 3
Facility ID: fAPP2423338309
GPS: Latitude 32.0614366 Longitude -103.419365
UL –H, Section 12, T26S, R34E
Lea County, NM
NMOCD Ref. No. NAPP2423962613

Pima Environmental Services, LLC. (Pima) has been contracted by Devon Energy Production Company, LP (Devon) to prepare this Site Characteristic and Remediation Plan Report for a produced water release that occurred at the Ragin Cajun 12 CTB 3 (Ragin Cajun) The initial C-141 was submitted on August 27,2024. This incident was assigned Incident ID NAPP2423962613 by the New Mexico Oil Conservation Division (NMOCD).

Site Characterization

The Ragin Cajun is located approximately fourteen (14) miles southwest of Jal, NM. This spill site is in Unit H, Section 12, Township 26S, Range 34E, Latitude 32.0614366 Longitude -103.419365, Lea County, NM. Figure 1 references a Location Map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is made up of Interlayered eolian sands and piedmont-slope deposits along the eastern flank of the Pecos River valley, primarily between Roswell and Carlsbad. Typically capped by thin eolian deposits. The soil in this area is made up of Pyote and Maljamar fine sands according to the United States Department of Agriculture Natural Resources Conservation Service soil survey (Appendix B). The drainage class in this area is well drained. There is a low potential for karst geology to be present around the Ragin Cajun (Figure 3). Reference Figure 2 for a Topographic Map.

Based on the well water data from the New Mexico Office of the State Engineer water well (C-04820 POD1),the depth to the nearest groundwater in this vicinity measures 55 feet below grade surface (BGS), positioned 0.91 miles away from the Ragin Cajun, drilled, April 17, 2024. Conversely, as per the United States Geological Survey well water data (USGS320419103302201), the nearest groundwater depth in this region is recorded at 170 feet BGS, situated approximately 5.15 miles away from the Ragin Cajun, with the last gauge conducted in 2012. For detailed references to water surveys and the precise locations of water wells, please refer to Appendix A, inclusive of the relevant maps.

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

Release Information

NAPP2423962613: On August 26, 2024, a 3" poly weld on the downstream leg of the facility WTPs broke apart water was released into two lined containments. The released fluids were calculated to be approximately 92 barrels (bbls) of produced water. A vacuum truck was able to recover 90 bbls of standing fluid from the lined containments. 0.03 bbls spilled onto the pad. 2 bbls believed to have evaporated before it could be recovered. The containment 1 area is approximately 5,700 sq ft, containment 2 is approximately 13,796 sq ft, and the affected totals is approximately 300 sq ft.

Remediation Activities, Site Assessment, and Soil Sampling Results

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

8-29-24 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50)								
DEVON ENERGY Ragin Cajun 12 CTB 3-NAPP2423962613								
Date: 8-29-24		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
S1	1'	ND	ND	ND	ND	ND	0	877
	2'	ND	ND	ND	ND	ND	0	85.4
	3'	ND	ND	ND	ND	ND	0	42.5
	4'	ND	ND	ND	ND	ND	0	ND
S2	1'	ND	ND	ND	37.3	ND	37.3	73.8
	2'	ND	ND	ND	ND	ND	0	26.8
	3'	ND	ND	ND	ND	ND	0	24.4
	4'	ND	ND	ND	ND	ND	0	ND
S3	1'	ND	ND	ND	ND	ND	0	29.9
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S4	1'	ND	ND	ND	ND	ND	0	31.3
	2'	ND	ND	ND	ND	ND	0	50.9
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
SW1	0-4' comp	ND	ND	ND	ND	ND	0	ND
SW2	0-4' comp	ND	ND	ND	ND	ND	0	ND
SW3	0-4' comp	ND	ND	ND	ND	ND	0	ND
SW4	0-4' comp	ND	ND	ND	ND	ND	0	ND
SW5	0-4' comp	ND	ND	ND	ND	ND	0	ND
SW6	0-4' comp	ND	ND	ND	ND	ND	0	ND
SW7	0-4' comp	ND	ND	ND	ND	ND	0	ND
SW8	0-4' comp	ND	ND	ND	ND	ND	0	ND
SW9	0-4' comp	ND	ND	ND	ND	ND	0	ND
SW10	0-4' comp	ND	ND	ND	ND	ND	0	ND
SW11	0-4' comp	ND	ND	ND	ND	ND	0	ND
BG1	1'	ND	ND	ND	ND	ND	0	ND

ND- Analyte Not Detected

Complete laboratory reports can be found in Appendix E.

Remediation Work Plan

On behalf of Devon, Pima proposes to remediate this area by the following method:

1. Submit a one-call through the NM811 system.
2. This is an active pad site that is still needed for drilling, producing, storing, disposing, injecting, transporting, servicing, or processing of crude oil and/or natural gas and their by-products.
3. We propose to excavate the affected area using mechanical and hand equipment. Site Map can be found in figure 4.
4. The estimated volume of soil to be remediated is approximately 7 cubic yards. This is based on a 200 square foot area with an average depth of 1' bgs.
5. After Devon submits a 48-hour notification, we will collect a 5-point composite sample from the excavated area in red on the Horizontal Delineation Map found in Figure 5. These sample points will include S1, SW1–SW4
6. A total final of 5 composite samples will be collected, jarred, and delivered to the lab for official testing.
7. Upon receiving the final lab reports confirming contamination levels are below the regulatory limits outlined in Table 1 of NMAC 19.15.29, and achieving full horizontal delineation, a new closure report will be drafted and submitted to the NMOCD portal for review and approval. This report will also include liner inspections for both containments.

On behalf of Devon, Pima would like to request approval of this remediation work plan. Work can begin within 30 days of approval, contingent upon personnel and equipment scheduling.

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

Respectfully,
Gio Gomez
Gio Gomez
Project Manager
Pima Environmental Services, LLC

Attachments

Figures:
1- Location Map
2- Topographic Map
3- Karst Map
4- Site Map
5- Site Liner Map
6- Proposed Excavation Map

Appendices:
Appendix A – Referenced Water Surveys and Water-Related Maps
Appendix B – Soil Survey and Geologic Data, FEMA, and Wetlands Map
Appendix C – C-141 Form
Appendix D – Photographic Documentation

Appendix E – Laboratory Reports

Figures:

Figure 1- Location Map

Figure 2- Topographic Map

Figure 3- Karst Map

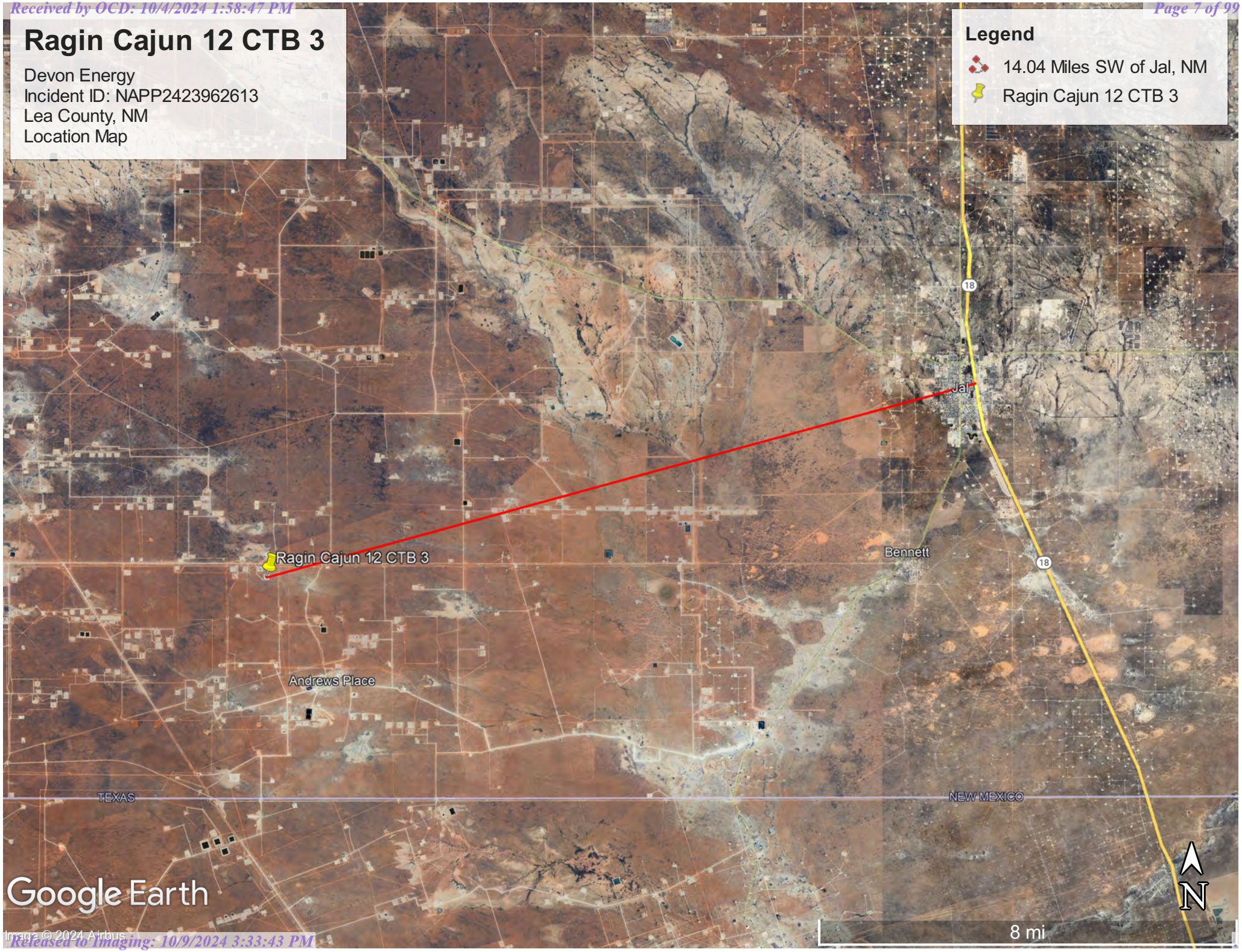
Figure 4- Site Map

Figure 5- Site Liner Maps

Figure 6- Propose Excavation Map

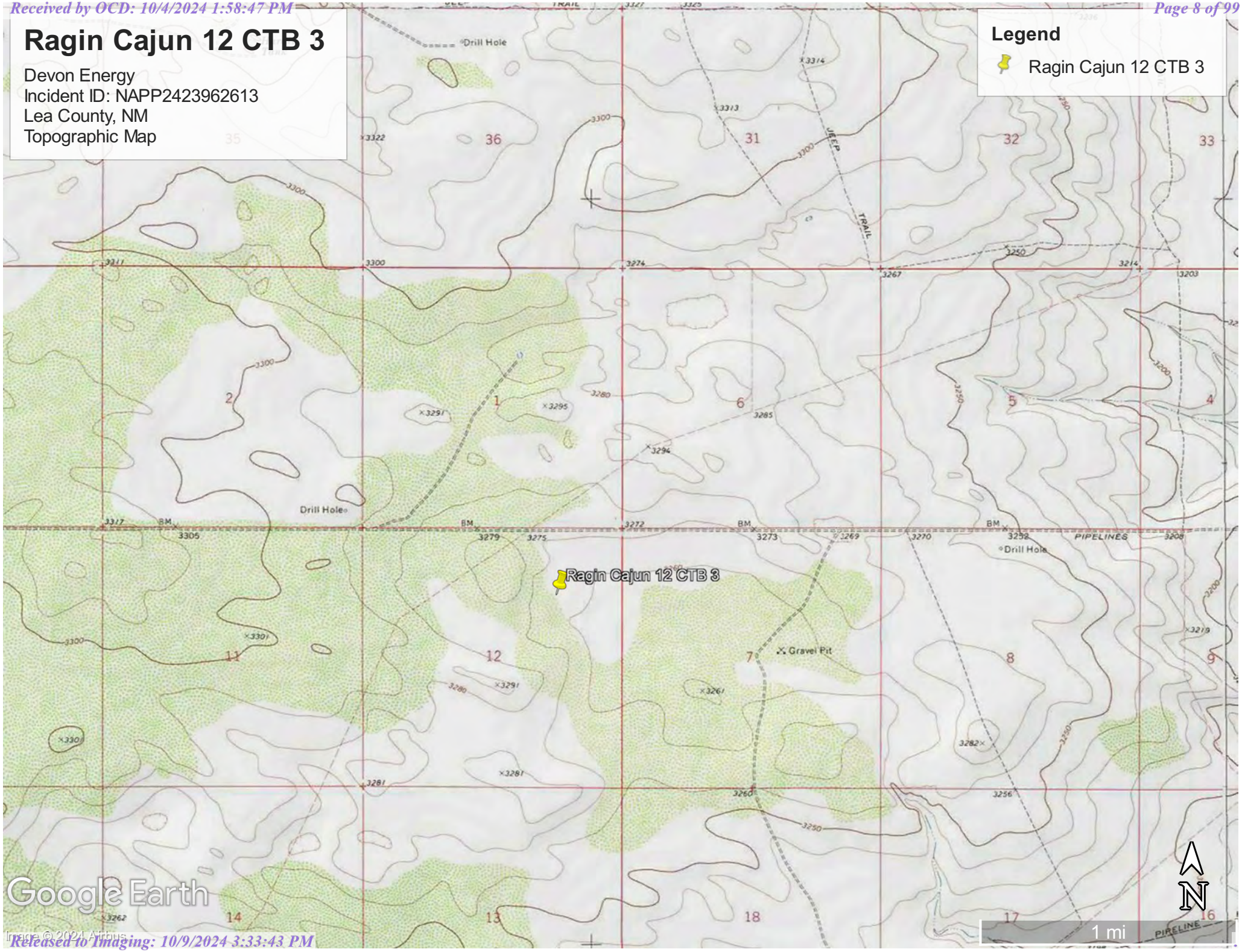
Ragin Cajun 12 CTB 3

Devon Energy
Incident ID: NAPP2423962613
Lea County, NM
Location Map



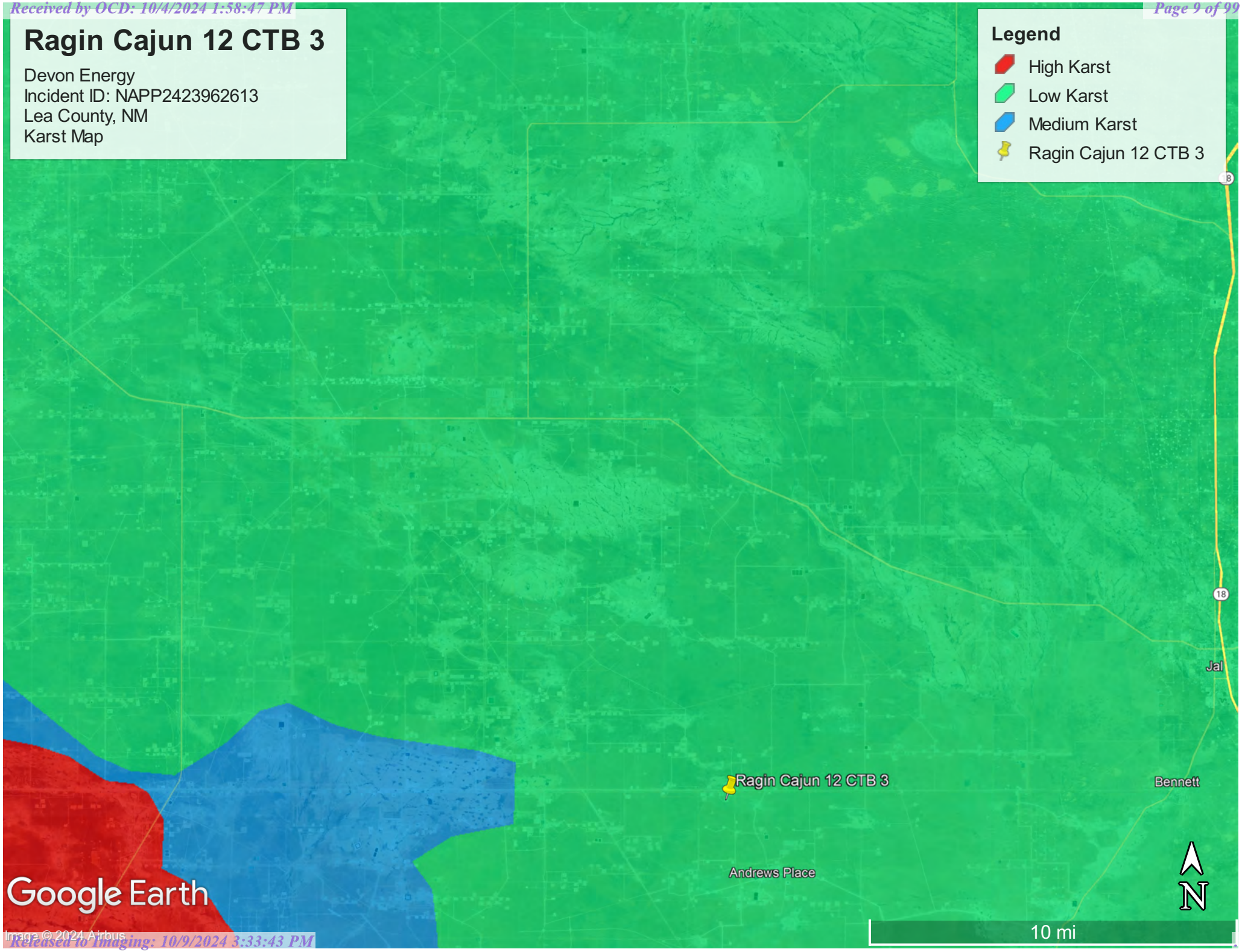
Ragin Cajun 12 CTB 3

Devon Energy
Incident ID: NAPP2423962613
Lea County, NM
Topographic Map



Ragin Cajun 12 CTB 3

Devon Energy
Incident ID: NAPP2423962613
Lea County, NM
Karst Map



Ragin Cajun 12 CTB 3

Devon Energy
Incident ID: NAPP2423962613
Lea County, NM
Site Map

Legend

- Sidewalls/Background
- Ragin Cajun 12 CTB 3
- Ragin Cajun 12 CTB 3 5,950 Sqft
- Samples

Ragin Cajun 12 CTB 3

SW9
SW11
S3
S4
SW8
SW10
SW5
S2
SW6
SW7
SW1
S1
SW2
SW4
SW3
BG1

N

80 ft

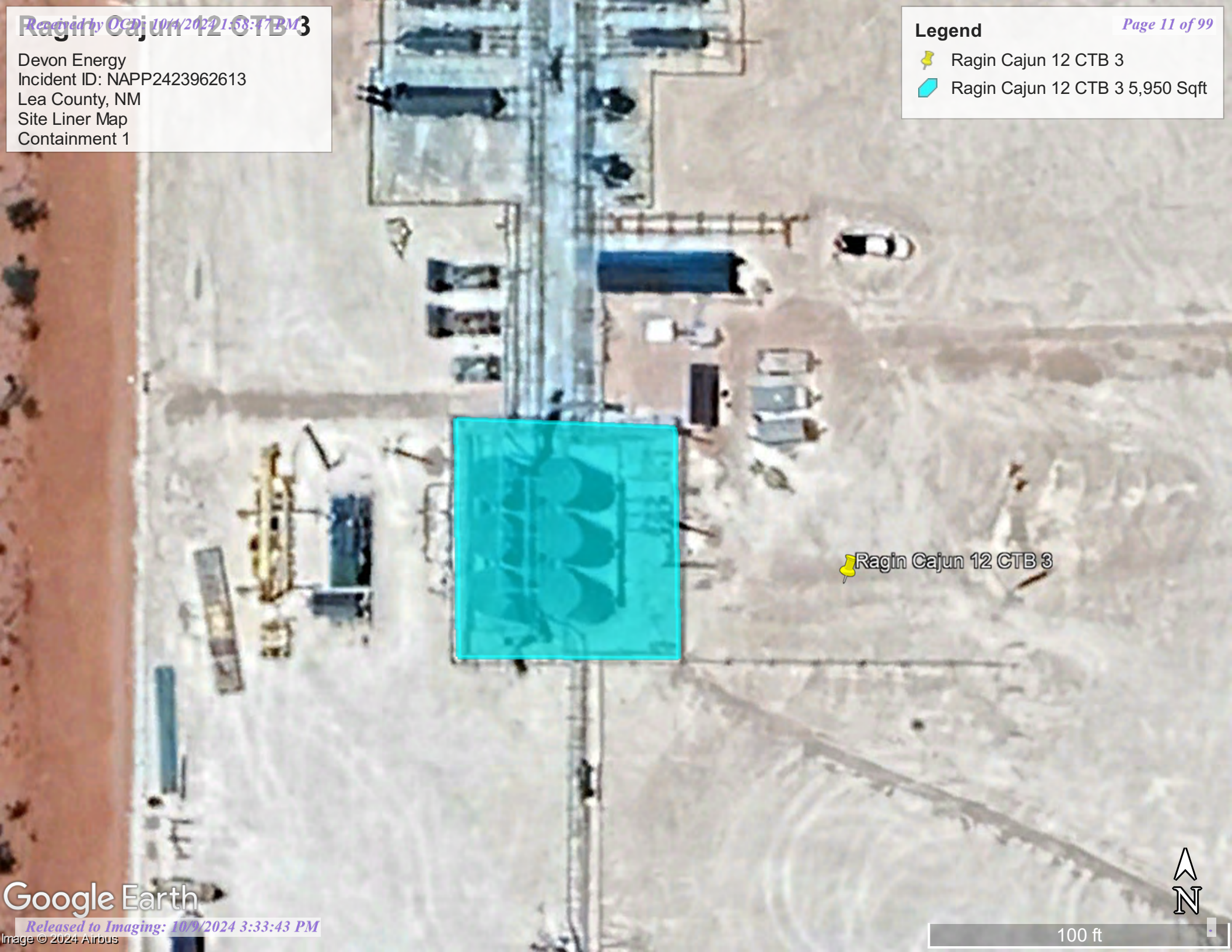
Google Earth

Ragin Cajun 12 CTB 3

Devon Energy
Incident ID: NAPP2423962613
Lea County, NM
Site Liner Map
Containment 1

Legend

- Ragin Cajun 12 CTB 3
- Ragin Cajun 12 CTB 3 5,950 Sqft

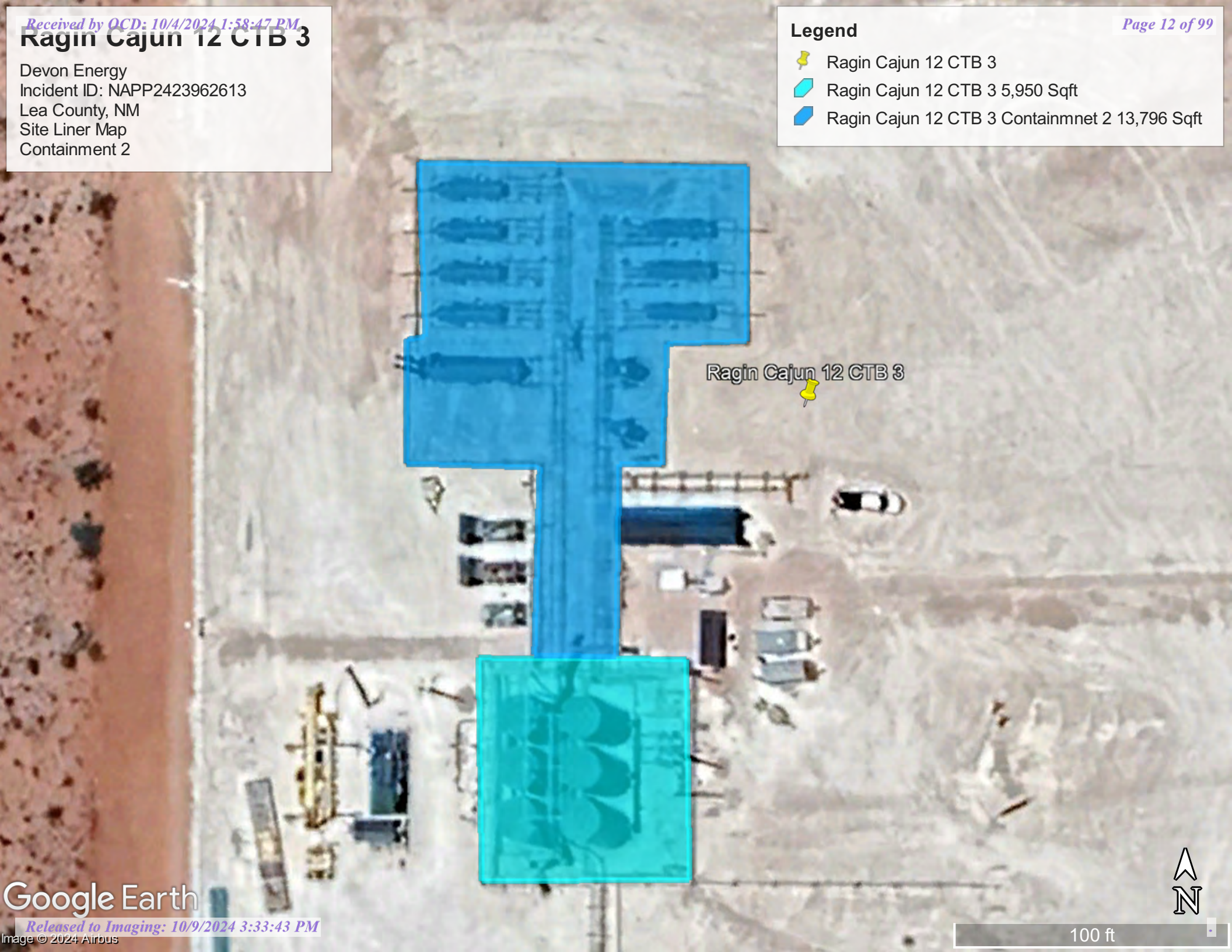


Ragin Cajun 12 CTB 3

Devon Energy
Incident ID: NAPP2423962613
Lea County, NM
Site Liner Map
Containment 2

Legend

- Ragin Cajun 12 CTB 3
- Ragin Cajun 12 CTB 3 5,950 Sqft
- Ragin Cajun 12 CTB 3 Containmnet 2 13,796 Sqft



Ragin Cajun 12 CTB 3

Devon Energy
Incident ID: NAPP2423962613
Lea County, NM
proposed Excavation Map

Appendix A

Water Surveys:

- OSE
- USGS
- Surface Water Map

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)	(R=POD has been replaced, O=orphaned, C=the file is closed)			(quarters are smallest to largest)						(NAD83 UTM in meters)				(In feet)
POD Number	**Code**	**Sub basin**	**County**	**Q64**	**Q16**	**Q4**	**Sec**	**Tws**	**Range**	**X**	**Y**	**Map**	**Distance**	**Well Depth**
C 04820 POD1		CUB	LE	NE	NW	NW	13	26S	34E	648389.9	3547088.9		1493	55
C 04846 POD1		CUB	LE	SW	NE	NW	06	26S	35E	650048.2	3550110.5		1961	
C 04601 POD1		CUB	LE	SW	SE	SW	05	26S	35E	651709.8	3548919.7		2567	
C 04817 POD1		CUB	LE	SW	SE	SW	13	26S	34E	648499.2	3545657.3		2772	105
C 04791 POD1		CUB	LE	SE	SE	SE	13	26S	34E	649598.8	3545568.0		2796	60
C 04852 POD1		CUB	LE	NE	NW	NE	24	26S	34E	649057.5	3545374.4		2967	55
C 04856 POD1		CUB	LE	NE	SW	NE	23	26S	34E	647550.6	3544940.3		3780	105
														Average
														Minimu
														Maximu

Record Count: 7

Basin/County Search:
Basin: C
Subbasin: CUB

UTM Filters (in meters):
Easting: 649208.88
Northing: 3548337.61
Radius: 5000.0

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

Point of Diversion Summary

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

NAD83 UTM in meters

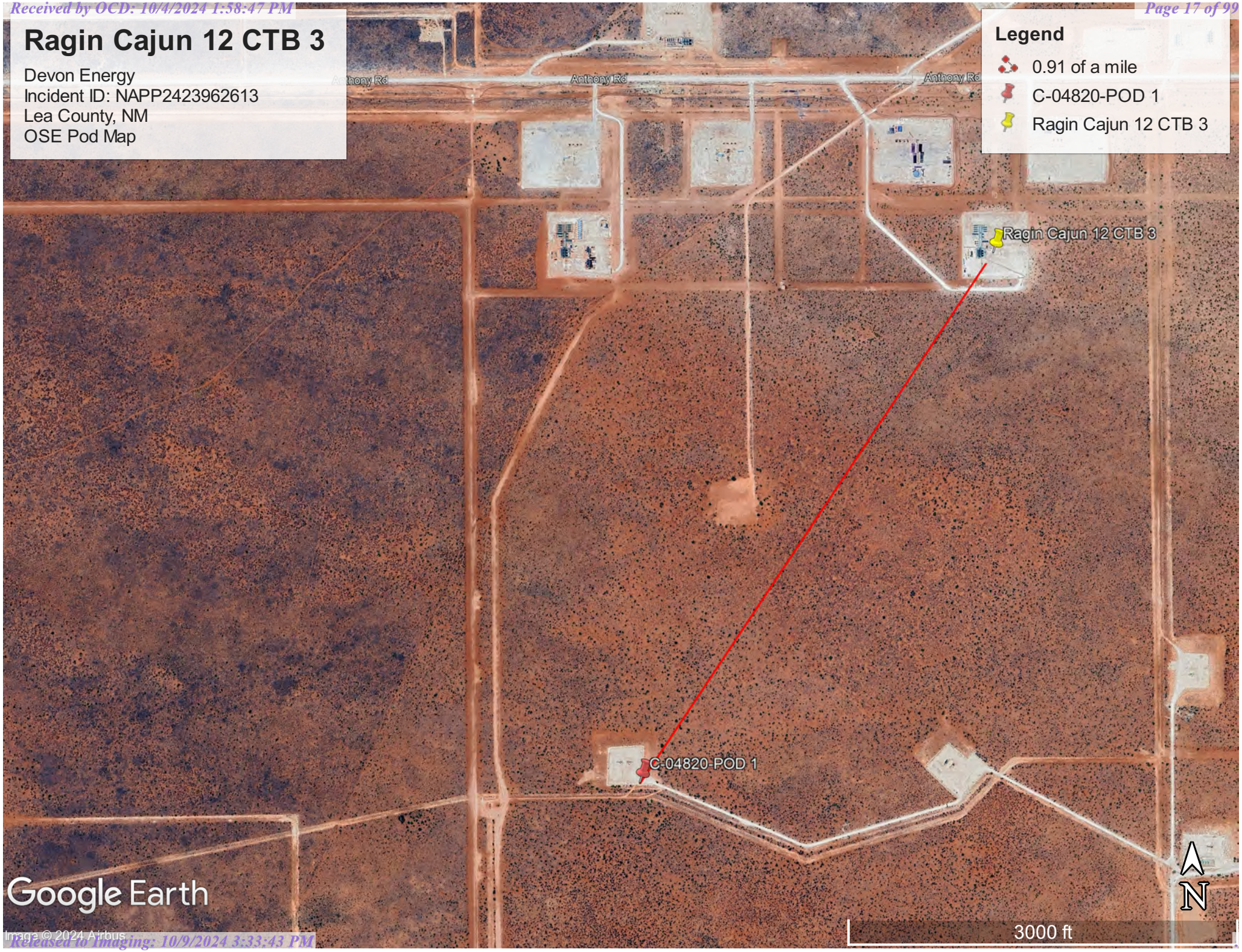
Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
NA	C 04820 POD1	NE	NW	NW	13	26S	34E	648389.9	3547088.9	

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

Driller License:	1833	**Driller Company:**	VISION RESOURCES, INC		
Driller Name:	JASON MALEY				
Drill Start Date:	2024-04-17	**Drill Finish Date:**	2024-04-17	**Plug Date:**	2024-04-22
Log File Date:	2024-04-25	**PCW Rcv Date:**		**Source:**	
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:		**Depth Well:**	55	**Depth Water:**	

Ragin Cajun 12 CTB 3

Devon Energy
Incident ID: NAPP2423962613
Lea County, NM
OSE Pod Map



National Water Information System: Web Interface

USGS Water Resources

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

Click to hideNews Bulletins

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

Groundwater levels for the Nation

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

site_no list =

- 320419103302201

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

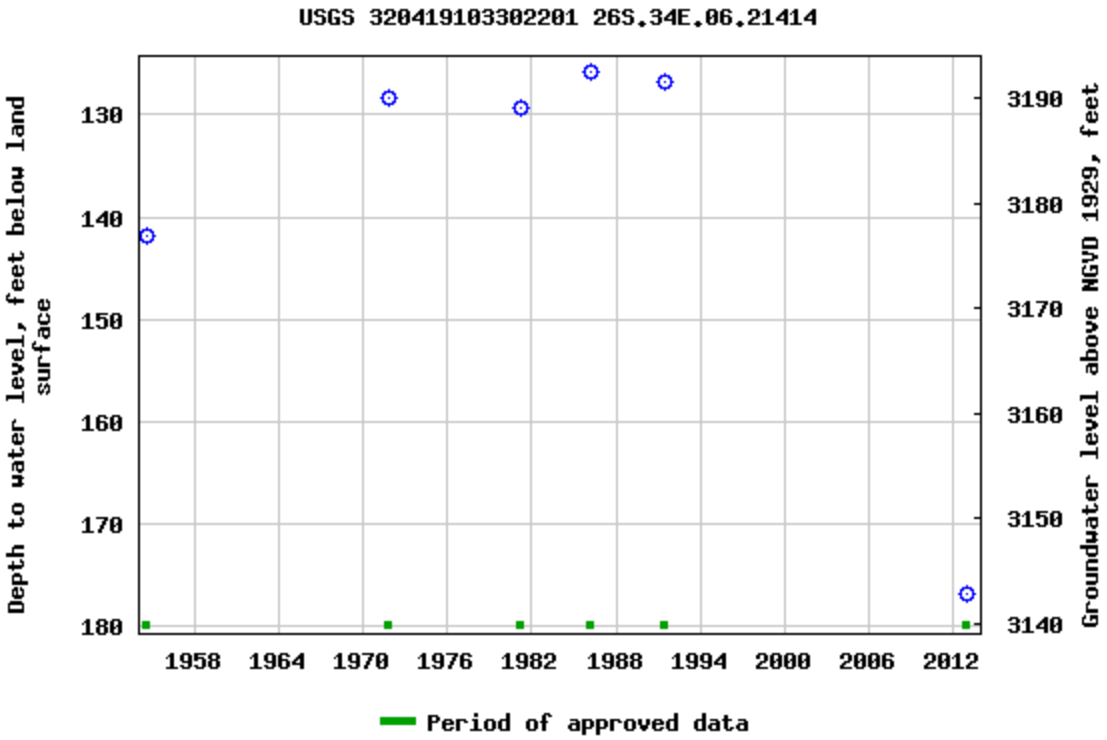
USGS 320419103302201 26S.34E.06.21414

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

Lea County, New Mexico
Hydrologic Unit Code 13070007
Latitude 32°04'37.9", Longitude 103°30'20.5" NAD83
Land-surface elevation 3,319.00 feet above NGVD29
The depth of the well is 360 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Chinle Formation (231CHNL) local aquifer.

Output formats

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



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

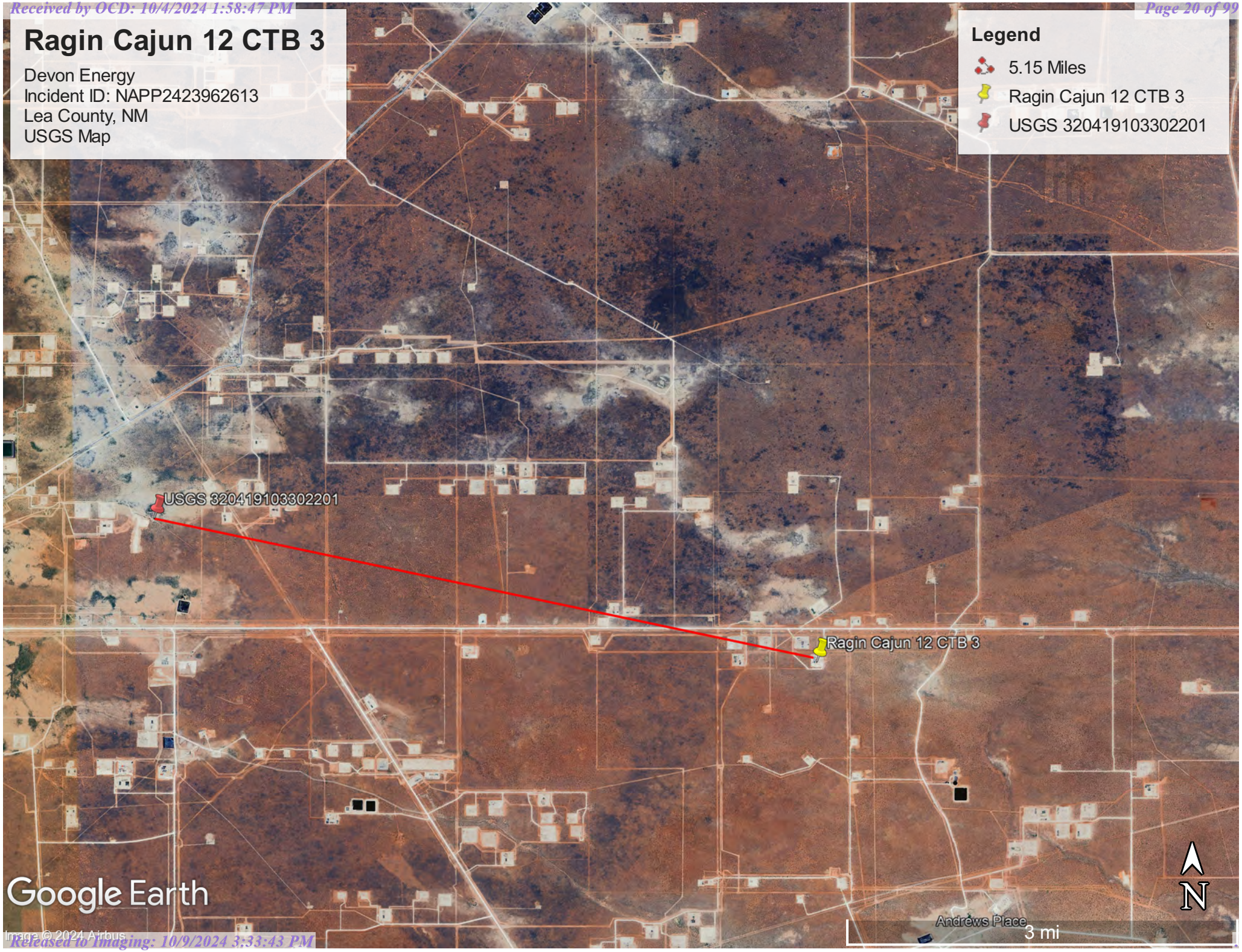
Questions or Comments
Help
Data Tips
Explanation of terms
Subscribe for system changes

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

Page Contact Information: USGS Water Data Support Team
Page Last Modified: 2024-08-28 12:00:40 EDT
0.77 0.55 nadww01

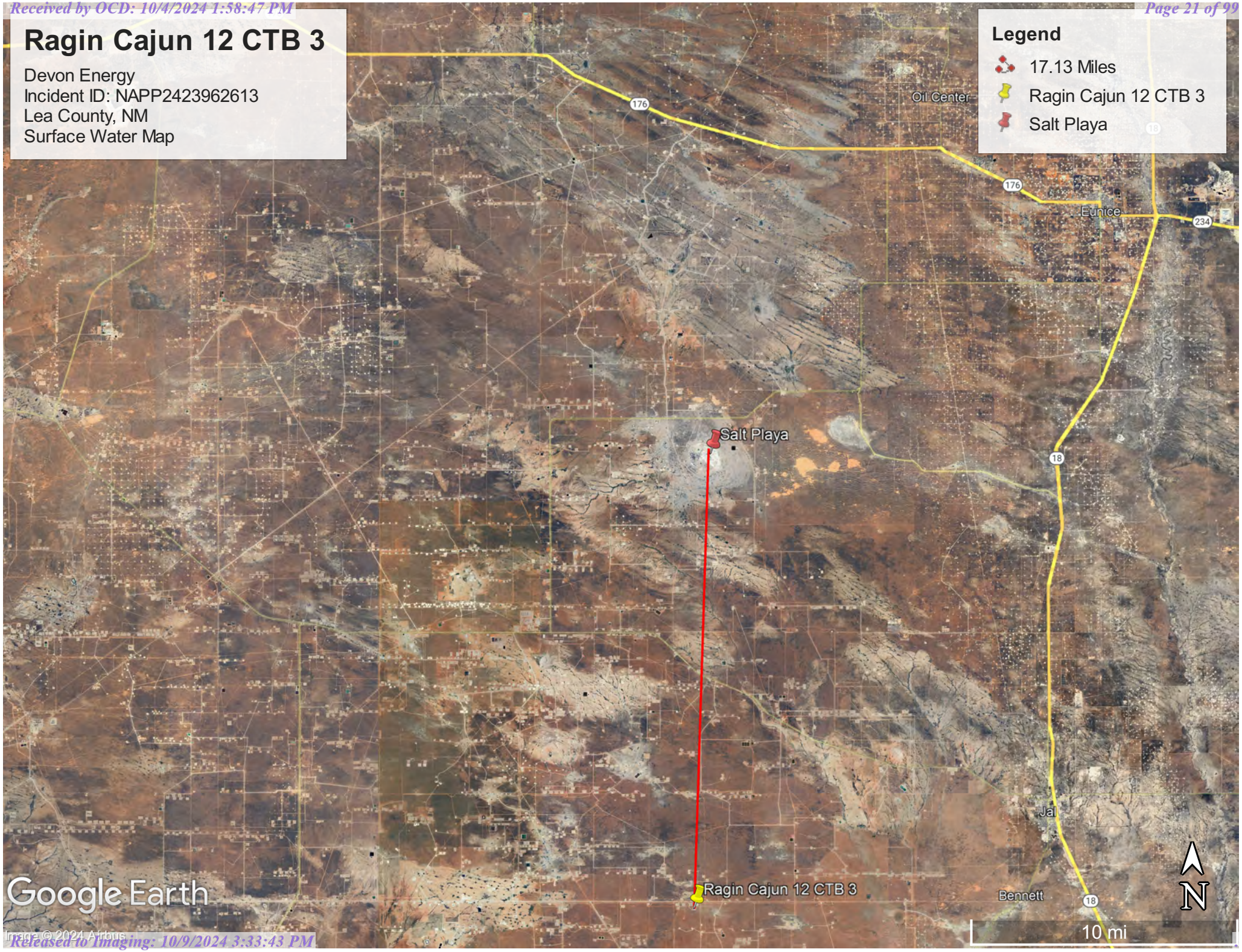
Ragin Cajun 12 CTB 3

Devon Energy
Incident ID: NAPP2423962613
Lea County, NM
USGS Map



Ragin Cajun 12 CTB 3

Devon Energy
Incident ID: NAPP2423962613
Lea County, NM
Surface Water Map



Appendix B

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

Lea County, New Mexico

PU—Pyote and Maljamar fine sands

Map Unit Setting

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

Map Unit Composition

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

Description of Pyote

Setting

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

Typical profile

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

Properties and qualities

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

Interpretive groups

Land capability classification (irrigated): 6e

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

Description of Maljamar

Setting

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

Typical profile

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

Properties and qualities

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

Interpretive groups

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

Minor Components

Kermit

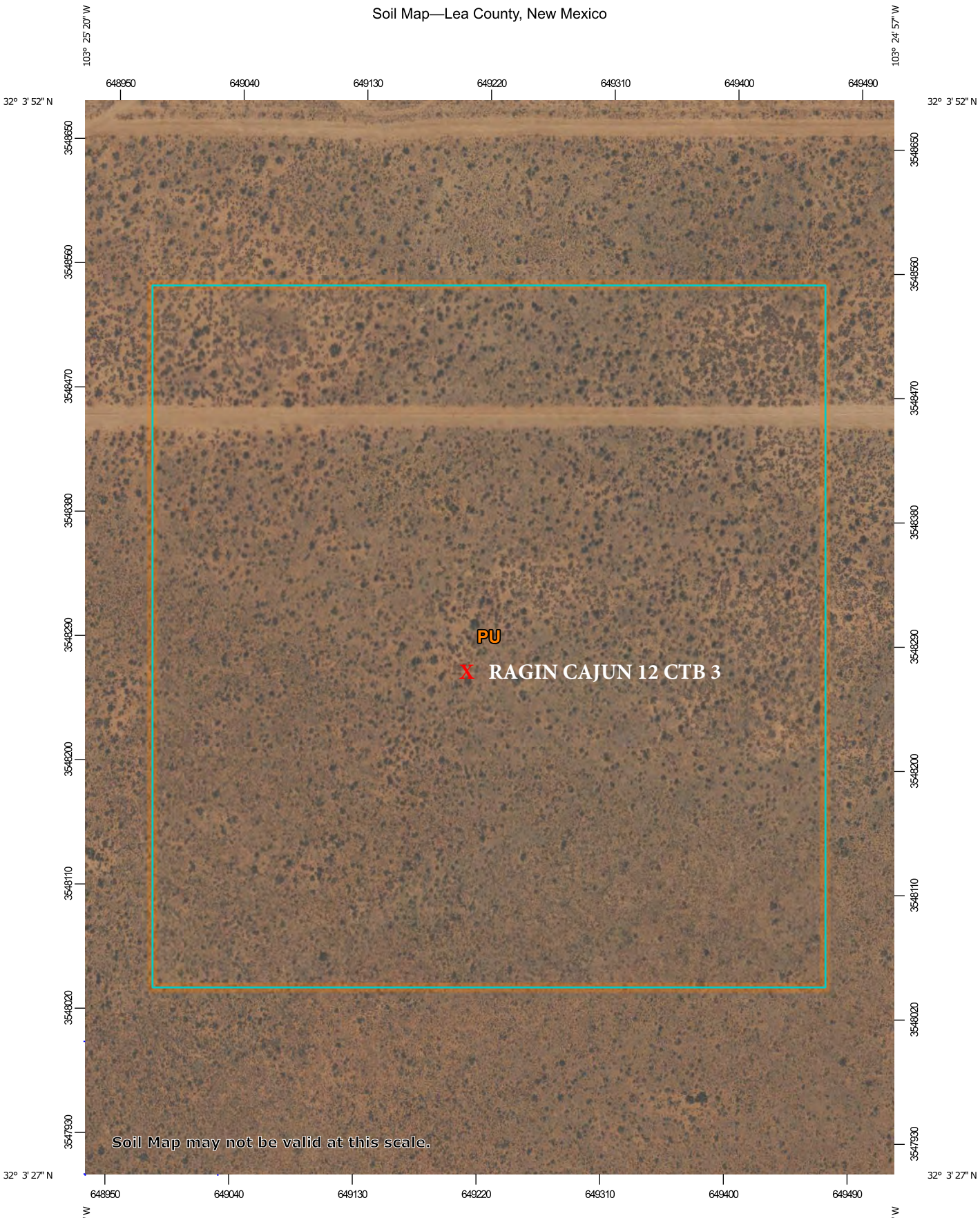
Percent of map unit: 10 percent
Ecological site: R070BC022NM - Sandhills

Hydric soil rating: No

Data Source Information

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

Soil Map—Lea County, New Mexico



MAP LEGEND

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

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

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

Water Features
- Streams and Canals

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

Background
- Aerial Photography

MAP INFORMATION

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

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

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

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

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

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

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

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

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

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

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

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
PU	Pyote and Maljamar fine sands	61.7	100.0%
Totals for Area of Interest		**61.7**	**100.0%**

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

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

Eolian and piedmont deposits

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

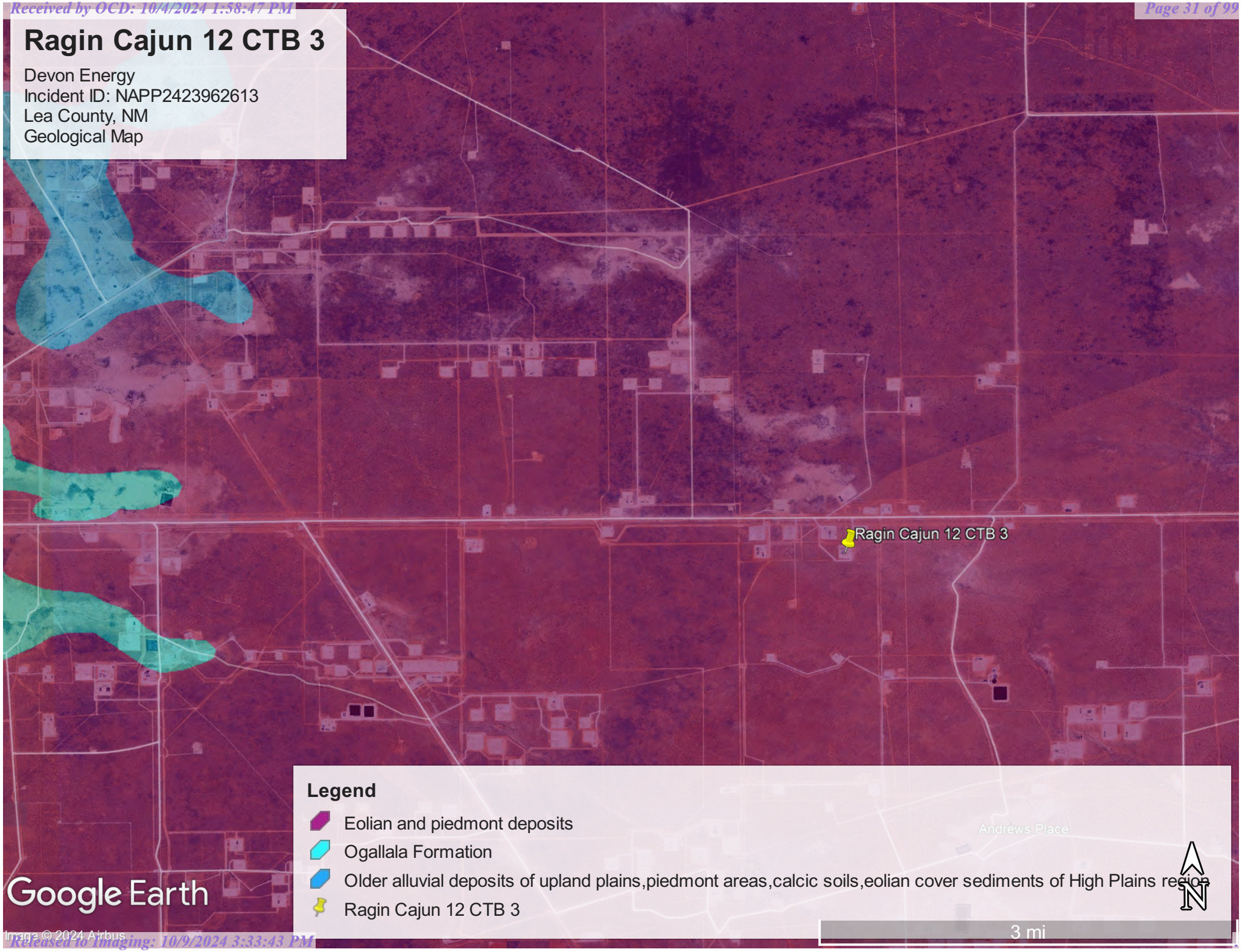
Shapefile (/geology/state/unit-shape.php?unit=NMQep;0)

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

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

Ragin Cajun 12 CTB 3

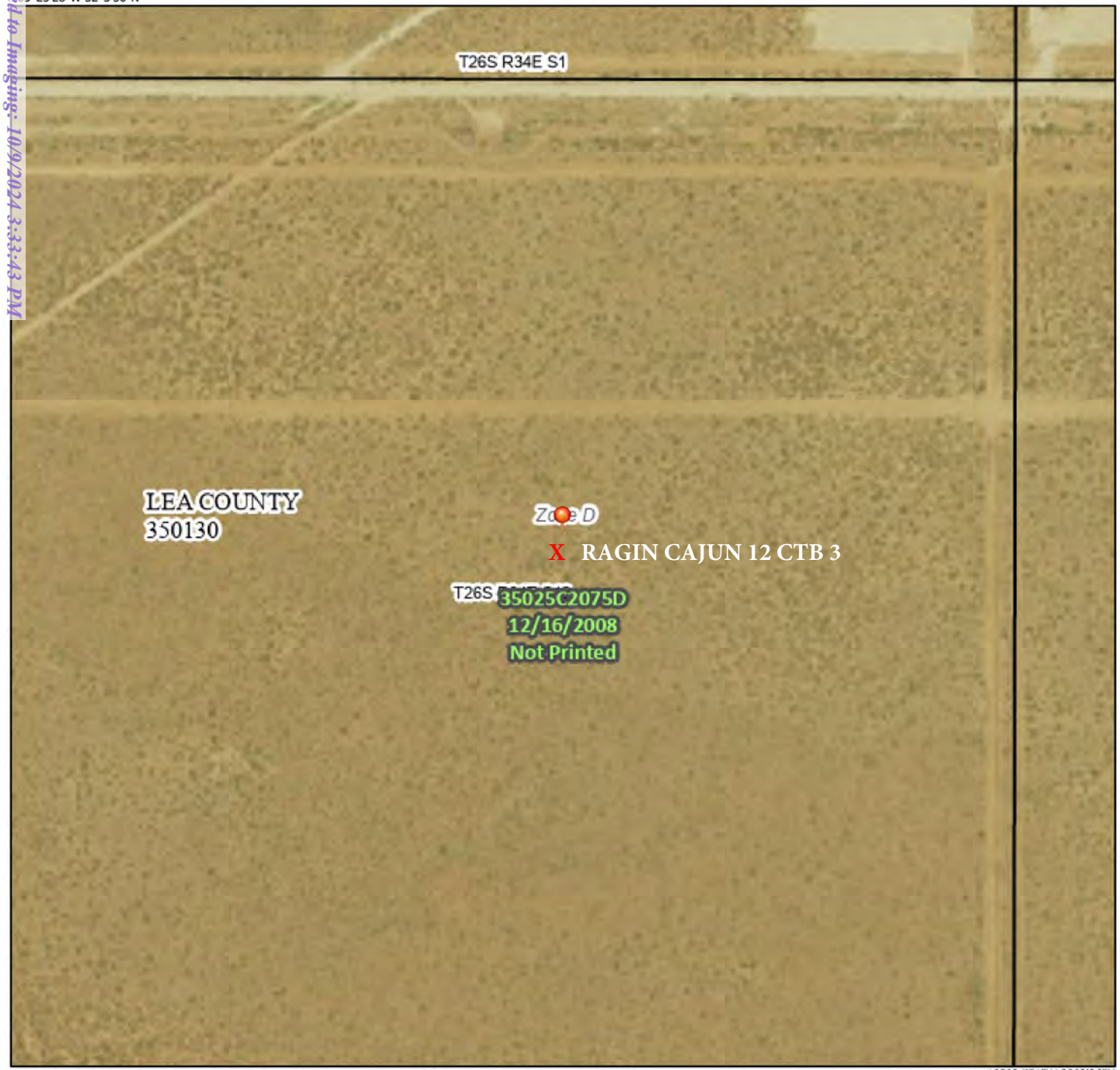
Devon Energy
Incident ID: NAPP2423962613
Lea County, NM
Geological Map



National Flood Hazard Layer FIRMette

FEMA

103°25'28"W 32°3'56"N



103°24'51"W 32°3'26"N

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

1:6,000

Basemap Imagery Source: USGS National Map 2023

Legend

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

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

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, A of 1% annual chance flood with avera depth less than one foot or with drain areas of less than one square mile *Zo*
- 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 *Zon*

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

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

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

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

N

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

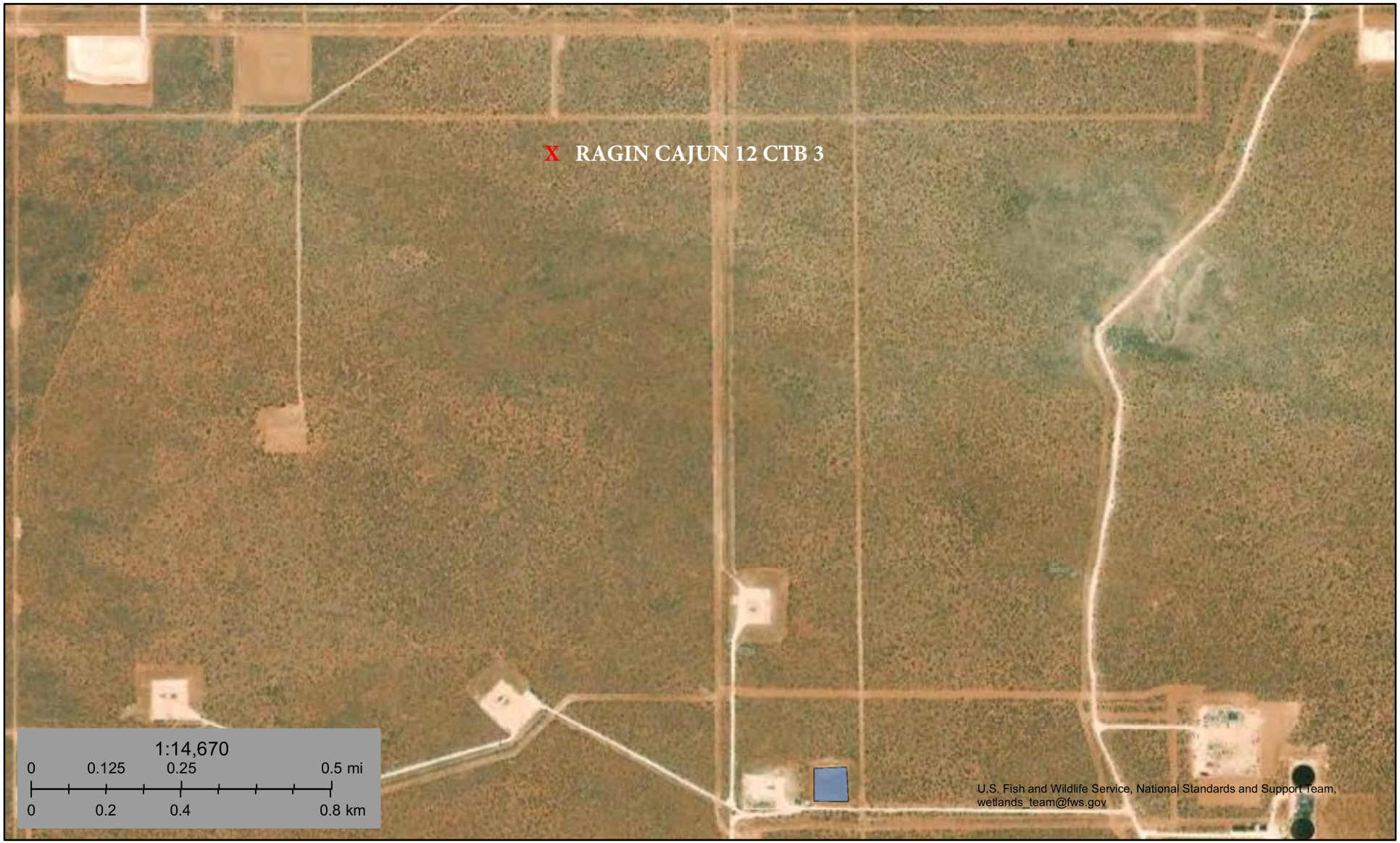
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 8/28/2024 at 12:05 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.

U.S. Fish and Wildlife Service
National Wetlands Inventory

Wetlands Map



August 28, 2024

Wetlands

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

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

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

Appendix C

- C-141 Form

RAGIN CAJUN 12 CTB 3

OCD INCIDENT nAPP2423962613

8/26/2024

CONTAINMENT 1

Spills In Lined Containment	
Measurements Of Standing Fluid	
Length(Ft)	27
Width(Ft)	110.00
Depth(in.)	0.25
Total Capacity without tank displacements (bbls)	11.02
No. of 500 bbl Tanks In Standing Fluid	0
No. of Other Tanks In Standing Fluid	0
OD Of Other Tanks In Standing Fluid(feet)	0
Total Volume of standing fluid accounting for tank displacement.	11.02

CONTAINMENT 2

Spills In Lined Containment	
Measurements Of Standing Fluid	
Length(Ft)	50
Width(Ft)	50.00
Depth(in.)	4
Total Capacity without tank displacements (bbls)	148.42
No. of 500 bbl Tanks In Standing Fluid	6
No. of Other Tanks In Standing Fluid	0
OD Of Other Tanks In Standing Fluid(feet)	0
Total Volume of standing fluid accounting for tank displacement.	81.24

ON SURFACE

Spill Volume(Bbls) Calculator	
Inputs In blue, Outputs In red	
Contaminated Soil measurement	
Area (sq feet)	Depth (in)
700.00	0.13
Cubic Feet of Soil Impacted	7.29
Barrels of Soil Impacted	1.30
Soil Type	Sand
Barrels of Oil Assuming 100% Saturation	0.26
Saturation	Damp no fluid when squeezed
Estimated Barrels of Oil Released	0.03
Free Standing Fluid Only	
Area (sq feet)	Depth (inches))
Standing fluid	
Total fluids spilled	0.03

TOTAL SPILLED

Fluids spilled in containment (bbls)	11.02
Fluids spilled in containment 2 (bbls)	81.24
Impacted Surface Soils(bbls)	0.03
Total Fluids Spilled (bbls)	92.29

Copy and Paste this section into your email or Sheild Report	
Person Reporting:	Dale Woodall
Foreman Name:	Martin Pantoja
Facility Name:	Ragin Cajun 12 CTB 3
API (If applicable)	
GPS:	
Section-Township-Range	
Date of Incident	0945 8/26/2024
Time Incident Found:	0945 8/26/2024
	Take Picture of lease sign and add all information to teams.
Descrpition of Event (What & How)	At approximately 9:45am, a 3" poly weld on the downstream leg of the facility WTPs broke apart. The 3" leg is the port in which the PT for the water line is installed
Immediate Actions	Course of action was to shut down WTP VFDs and isolate the upstream valves coming from the pumps. Then shut the gate valve at the edge of location to isolate the leak. Wells were then shut in due to current tank levels and the ETA of nearest trucks. Facility construction team has been contacted and working to get a crew to fix the problem. Vacuum truck also in route to remove standing water in the lined containment.
All fluids stayed on pad	Yes / No
M1/M3 and date submitted	M1 ID

	Released	Recovered
Type	bbls	
Oil		
Produced Water	92.30	90.00
Gas		
Other		

M1 soil = 12602329

M1 liner inspection = 12602336

At approximately 9:45am, a 3” poly weld on the downstream leg of the facility WTPs broke apart. The 3” leg is the port in which the PT for the water line is installed.

Course of action was to shut down WTP VFDs and isolate the upstream valves coming from the pumps. Then shut the gate valve at the edge of location to isolate the leak. Wells were then shut in due to current tank levels and the ETA of nearest trucks. Facility construction team has been contacted and working to get a crew to fix the problem. Vacuum truck also in route to remove standing water in the lined containment.

Shield incident 59336

12602329 for soil

Appendix D

- Photographic Documentation

PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Ragin Cajun12 CTB 3

Assessment:

Site information sign.

Photo taken during assessment, taken facing South.

Photo taken during assessment, taken facing Northwest.

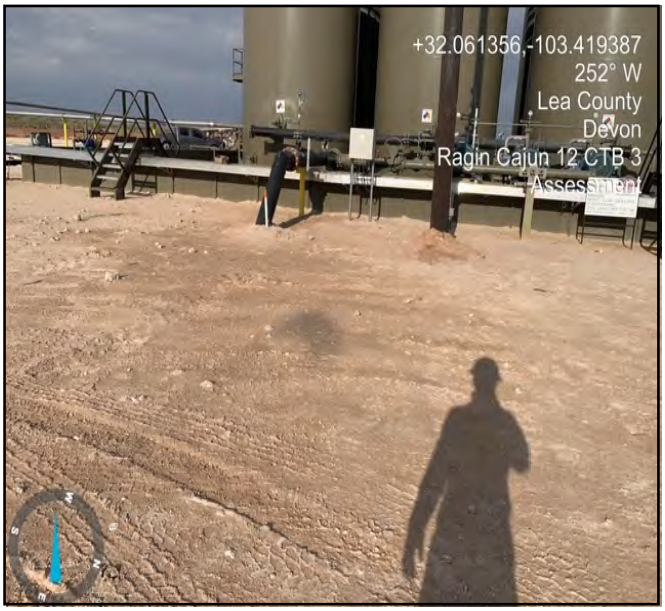


Photo taken during assessment, taken facing Southwest.

Photo taken during assessment, taken facing Northwest.

Photo taken during assessment, taken facing Northwest.

Appendix E

- Laboratory Reports

Report to:

Gio Gomez

5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Ragin Cajun 12 CTB 3
Work Order:	E408282
Job Number:	01058-0007
Received:	9/3/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/9/24

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

Date Reported: 9/9/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247

Project Name: Ragin Cajun 12 CTB 3
Workorder: E408282
Date Received: 9/3/2024 5:00:00AM

Gio Gomez,

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: Ragin Cajun 12 CTB 3.

The analytical test results summarized in this report with the Project Name: Ragin Cajun 12 CTB 3 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

Field Offices:

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

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

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Table of Contents (continued)

Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Ragin Cajun 12 CTB 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	09/09/24 10:01

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1-1'	E408282-01A	Soil	08/29/24	09/03/24	Glass Jar, 2 oz.
S1-2'	E408282-02A	Soil	08/29/24	09/03/24	Glass Jar, 2 oz.
S1-3'	E408282-03A	Soil	08/29/24	09/03/24	Glass Jar, 2 oz.
S1-4'	E408282-04A	Soil	08/29/24	09/03/24	Glass Jar, 2 oz.
SW1	E408282-05A	Soil	08/29/24	09/03/24	Glass Jar, 2 oz.
SW2	E408282-06A	Soil	08/29/24	09/03/24	Glass Jar, 2 oz.
SW3	E408282-07A	Soil	08/29/24	09/03/24	Glass Jar, 2 oz.
SW4	E408282-08A	Soil	08/29/24	09/03/24	Glass Jar, 2 oz.
S2-1'	E408282-09A	Soil	08/29/24	09/03/24	Glass Jar, 2 oz.
S2-2'	E408282-10A	Soil	08/29/24	09/03/24	Glass Jar, 2 oz.
S2-3'	E408282-11A	Soil	08/29/24	09/03/24	Glass Jar, 2 oz.
S2-4'	E408282-12A	Soil	08/29/24	09/03/24	Glass Jar, 2 oz.
SW5	E408282-13A	Soil	08/29/24	09/03/24	Glass Jar, 2 oz.
SW6	E408282-14A	Soil	08/29/24	09/03/24	Glass Jar, 2 oz.
SW7	E408282-15A	Soil	08/29/24	09/03/24	Glass Jar, 2 oz.
S3-1'	E408282-16A	Soil	08/29/24	09/03/24	Glass Jar, 2 oz.
S3-2'	E408282-17A	Soil	08/29/24	09/03/24	Glass Jar, 2 oz.
S3-3'	E408282-18A	Soil	08/29/24	09/03/24	Glass Jar, 2 oz.
S3-4'	E408282-19A	Soil	08/29/24	09/03/24	Glass Jar, 2 oz.
S4-1'	E408282-20A	Soil	08/29/24	09/03/24	Glass Jar, 2 oz.
S4-2'	E408282-21A	Soil	08/29/24	09/03/24	Glass Jar, 2 oz.
S4-3'	E408282-22A	Soil	08/29/24	09/03/24	Glass Jar, 2 oz.
S4-4'	E408282-23A	Soil	08/29/24	09/03/24	Glass Jar, 2 oz.
SW8	E408282-24A	Soil	08/29/24	09/03/24	Glass Jar, 2 oz.
SW9	E408282-25A	Soil	08/29/24	09/03/24	Glass Jar, 2 oz.
SW10	E408282-26A	Soil	08/29/24	09/03/24	Glass Jar, 2 oz.
SW11	E408282-27A	Soil	08/29/24	09/03/24	Glass Jar, 2 oz.
BG1	E408282-28A	Soil	08/29/24	09/03/24	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ragin Cajun 12 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 10:01:35AM

S1-1'

E408282-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2436012
Benzene	ND	0.0250	1	09/03/24	09/04/24	
Ethylbenzene	ND	0.0250	1	09/03/24	09/04/24	
Toluene	ND	0.0250	1	09/03/24	09/04/24	
o-Xylene	ND	0.0250	1	09/03/24	09/04/24	
p,m-Xylene	ND	0.0500	1	09/03/24	09/04/24	
Total Xylenes	ND	0.0250	1	09/03/24	09/04/24	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*09/03/24*	*09/04/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.6 %*	*70-130*	*09/03/24*	*09/04/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*09/03/24*	*09/04/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2436012
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/03/24	09/04/24	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*09/03/24*	*09/04/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.6 %*	*70-130*	*09/03/24*	*09/04/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*09/03/24*	*09/04/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2436009
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/04/24	
Surrogate: n-Nonane		*84.8 %*	*50-200*	*09/03/24*	*09/04/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2436017
Chloride	**877**	20.0	1	09/03/24	09/04/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ragin Cajun 12 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 10:01:35AM

S1-2'

E408282-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2436012
Benzene	ND	0.0250	1	09/03/24	09/04/24	
Ethylbenzene	ND	0.0250	1	09/03/24	09/04/24	
Toluene	ND	0.0250	1	09/03/24	09/04/24	
o-Xylene	ND	0.0250	1	09/03/24	09/04/24	
p,m-Xylene	ND	0.0500	1	09/03/24	09/04/24	
Total Xylenes	ND	0.0250	1	09/03/24	09/04/24	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*09/03/24*	*09/04/24*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*09/03/24*	*09/04/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*09/03/24*	*09/04/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2436012
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/03/24	09/04/24	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*09/03/24*	*09/04/24*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*09/03/24*	*09/04/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*09/03/24*	*09/04/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2436009
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/04/24	
Surrogate: n-Nonane		*81.0 %*	*50-200*	*09/03/24*	*09/04/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2436017
Chloride	**85.4**	20.0	1	09/03/24	09/04/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ragin Cajun 12 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 10:01:35AM

S1-3'

E408282-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2436012
Benzene	ND	0.0250	1	09/03/24	09/04/24	
Ethylbenzene	ND	0.0250	1	09/03/24	09/04/24	
Toluene	ND	0.0250	1	09/03/24	09/04/24	
o-Xylene	ND	0.0250	1	09/03/24	09/04/24	
p,m-Xylene	ND	0.0500	1	09/03/24	09/04/24	
Total Xylenes	ND	0.0250	1	09/03/24	09/04/24	
Surrogate: Bromofluorobenzene		*99.5 %*	*70-130*	*09/03/24*	*09/04/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.2 %*	*70-130*	*09/03/24*	*09/04/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*09/03/24*	*09/04/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2436012
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/03/24	09/04/24	
Surrogate: Bromofluorobenzene		*99.5 %*	*70-130*	*09/03/24*	*09/04/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.2 %*	*70-130*	*09/03/24*	*09/04/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*09/03/24*	*09/04/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2436009
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/04/24	
Surrogate: n-Nonane		*83.4 %*	*50-200*	*09/03/24*	*09/04/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2436017
Chloride	**42.5**	20.0	1	09/03/24	09/04/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ragin Cajun 12 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 10:01:35AM

S1-4'

E408282-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2436012
Benzene	ND	0.0250	1	09/03/24	09/04/24	
Ethylbenzene	ND	0.0250	1	09/03/24	09/04/24	
Toluene	ND	0.0250	1	09/03/24	09/04/24	
o-Xylene	ND	0.0250	1	09/03/24	09/04/24	
p,m-Xylene	ND	0.0500	1	09/03/24	09/04/24	
Total Xylenes	ND	0.0250	1	09/03/24	09/04/24	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*09/03/24*	*09/04/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.2 %*	*70-130*	*09/03/24*	*09/04/24*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*09/03/24*	*09/04/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2436012
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/03/24	09/04/24	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*09/03/24*	*09/04/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.2 %*	*70-130*	*09/03/24*	*09/04/24*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*09/03/24*	*09/04/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2436009
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/04/24	
Surrogate: n-Nonane		*83.7 %*	*50-200*	*09/03/24*	*09/04/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2436017
Chloride	ND	20.0	1	09/03/24	09/03/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ragin Cajun 12 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 10:01:35AM

SW1

E408282-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2436012
Benzene	ND	0.0250	1	09/03/24	09/04/24	
Ethylbenzene	ND	0.0250	1	09/03/24	09/04/24	
Toluene	ND	0.0250	1	09/03/24	09/04/24	
o-Xylene	ND	0.0250	1	09/03/24	09/04/24	
p,m-Xylene	ND	0.0500	1	09/03/24	09/04/24	
Total Xylenes	ND	0.0250	1	09/03/24	09/04/24	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*09/03/24*	*09/04/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.8 %*	*70-130*	*09/03/24*	*09/04/24*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*09/03/24*	*09/04/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2436012
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/03/24	09/04/24	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*09/03/24*	*09/04/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.8 %*	*70-130*	*09/03/24*	*09/04/24*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*09/03/24*	*09/04/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2436009
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/04/24	
Surrogate: n-Nonane		*84.9 %*	*50-200*	*09/03/24*	*09/04/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2436017
Chloride	ND	20.0	1	09/03/24	09/04/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ragin Cajun 12 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 10:01:35AM

SW2

E408282-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2436012
Benzene	ND	0.0250	1	09/03/24	09/04/24	
Ethylbenzene	ND	0.0250	1	09/03/24	09/04/24	
Toluene	ND	0.0250	1	09/03/24	09/04/24	
o-Xylene	ND	0.0250	1	09/03/24	09/04/24	
p,m-Xylene	ND	0.0500	1	09/03/24	09/04/24	
Total Xylenes	ND	0.0250	1	09/03/24	09/04/24	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*09/03/24*	*09/04/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.1 %*	*70-130*	*09/03/24*	*09/04/24*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*09/03/24*	*09/04/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2436012
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/03/24	09/04/24	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*09/03/24*	*09/04/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.1 %*	*70-130*	*09/03/24*	*09/04/24*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*09/03/24*	*09/04/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2436009
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/04/24	
Surrogate: n-Nonane		*86.4 %*	*50-200*	*09/03/24*	*09/04/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2436017
Chloride	ND	20.0	1	09/03/24	09/04/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ragin Cajun 12 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 10:01:35AM

SW3

E408282-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2436012
Benzene	ND	0.0250	1	09/03/24	09/04/24	
Ethylbenzene	ND	0.0250	1	09/03/24	09/04/24	
Toluene	ND	0.0250	1	09/03/24	09/04/24	
o-Xylene	ND	0.0250	1	09/03/24	09/04/24	
p,m-Xylene	ND	0.0500	1	09/03/24	09/04/24	
Total Xylenes	ND	0.0250	1	09/03/24	09/04/24	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*09/03/24*	*09/04/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.4 %*	*70-130*	*09/03/24*	*09/04/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*09/03/24*	*09/04/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2436012
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/03/24	09/04/24	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*09/03/24*	*09/04/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.4 %*	*70-130*	*09/03/24*	*09/04/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*09/03/24*	*09/04/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2436009
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/04/24	
Surrogate: n-Nonane		*80.9 %*	*50-200*	*09/03/24*	*09/04/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2436017
Chloride	ND	20.0	1	09/03/24	09/04/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ragin Cajun 12 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 10:01:35AM

SW4

E408282-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2436012
Benzene	ND	0.0250	1	09/03/24	09/04/24	
Ethylbenzene	ND	0.0250	1	09/03/24	09/04/24	
Toluene	ND	0.0250	1	09/03/24	09/04/24	
o-Xylene	ND	0.0250	1	09/03/24	09/04/24	
p,m-Xylene	ND	0.0500	1	09/03/24	09/04/24	
Total Xylenes	ND	0.0250	1	09/03/24	09/04/24	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*09/03/24*	*09/04/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.9 %*	*70-130*	*09/03/24*	*09/04/24*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*09/03/24*	*09/04/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2436012
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/03/24	09/04/24	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*09/03/24*	*09/04/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.9 %*	*70-130*	*09/03/24*	*09/04/24*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*09/03/24*	*09/04/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2436009
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/04/24	
Surrogate: n-Nonane		*85.2 %*	*50-200*	*09/03/24*	*09/04/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2436017
Chloride	ND	20.0	1	09/03/24	09/04/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ragin Cajun 12 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 10:01:35AM

S2-1'

E408282-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2436012
Benzene	ND	0.0250	1	09/03/24	09/04/24	
Ethylbenzene	ND	0.0250	1	09/03/24	09/04/24	
Toluene	ND	0.0250	1	09/03/24	09/04/24	
o-Xylene	ND	0.0250	1	09/03/24	09/04/24	
p,m-Xylene	ND	0.0500	1	09/03/24	09/04/24	
Total Xylenes	ND	0.0250	1	09/03/24	09/04/24	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*09/03/24*	*09/04/24*	
Surrogate: 1,2-Dichloroethane-d4		*98.2 %*	*70-130*	*09/03/24*	*09/04/24*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*09/03/24*	*09/04/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2436012
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/03/24	09/04/24	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*09/03/24*	*09/04/24*	
Surrogate: 1,2-Dichloroethane-d4		*98.2 %*	*70-130*	*09/03/24*	*09/04/24*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*09/03/24*	*09/04/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2436009
Diesel Range Organics (C10-C28)	**37.3**	25.0	1	09/03/24	09/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/04/24	
Surrogate: n-Nonane		*85.9 %*	*50-200*	*09/03/24*	*09/04/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2436017
Chloride	**73.8**	20.0	1	09/03/24	09/04/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ragin Cajun 12 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 10:01:35AM

S2-2'

E408282-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2436012
Benzene	ND	0.0250	1	09/03/24	09/04/24	
Ethylbenzene	ND	0.0250	1	09/03/24	09/04/24	
Toluene	ND	0.0250	1	09/03/24	09/04/24	
o-Xylene	ND	0.0250	1	09/03/24	09/04/24	
p,m-Xylene	ND	0.0500	1	09/03/24	09/04/24	
Total Xylenes	ND	0.0250	1	09/03/24	09/04/24	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*09/03/24*	*09/04/24*	
Surrogate: 1,2-Dichloroethane-d4		*99.6 %*	*70-130*	*09/03/24*	*09/04/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*09/03/24*	*09/04/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2436012
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/03/24	09/04/24	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*09/03/24*	*09/04/24*	
Surrogate: 1,2-Dichloroethane-d4		*99.6 %*	*70-130*	*09/03/24*	*09/04/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*09/03/24*	*09/04/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2436009
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/04/24	
Surrogate: n-Nonane		*82.7 %*	*50-200*	*09/03/24*	*09/04/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2436017
Chloride	**26.8**	20.0	1	09/03/24	09/04/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ragin Cajun 12 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 10:01:35AM

S2-3'

E408282-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2436012
Benzene	ND	0.0250	1	09/03/24	09/04/24	
Ethylbenzene	ND	0.0250	1	09/03/24	09/04/24	
Toluene	ND	0.0250	1	09/03/24	09/04/24	
o-Xylene	ND	0.0250	1	09/03/24	09/04/24	
p,m-Xylene	ND	0.0500	1	09/03/24	09/04/24	
Total Xylenes	ND	0.0250	1	09/03/24	09/04/24	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*09/03/24*	*09/04/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.1 %*	*70-130*	*09/03/24*	*09/04/24*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*09/03/24*	*09/04/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2436012
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/03/24	09/04/24	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*09/03/24*	*09/04/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.1 %*	*70-130*	*09/03/24*	*09/04/24*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*09/03/24*	*09/04/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2436009
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/04/24	
Surrogate: n-Nonane		*85.3 %*	*50-200*	*09/03/24*	*09/04/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2436017
Chloride	**24.4**	20.0	1	09/03/24	09/04/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ragin Cajun 12 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 10:01:35AM

S2-4'

E408282-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2436012
Benzene	ND	0.0250	1	09/03/24	09/04/24	
Ethylbenzene	ND	0.0250	1	09/03/24	09/04/24	
Toluene	ND	0.0250	1	09/03/24	09/04/24	
o-Xylene	ND	0.0250	1	09/03/24	09/04/24	
p,m-Xylene	ND	0.0500	1	09/03/24	09/04/24	
Total Xylenes	ND	0.0250	1	09/03/24	09/04/24	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*09/03/24*	*09/04/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.0 %*	*70-130*	*09/03/24*	*09/04/24*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*09/03/24*	*09/04/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2436012
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/03/24	09/04/24	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*09/03/24*	*09/04/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.0 %*	*70-130*	*09/03/24*	*09/04/24*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*09/03/24*	*09/04/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2436009
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/04/24	
Surrogate: n-Nonane		*83.3 %*	*50-200*	*09/03/24*	*09/04/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2436017
Chloride	ND	20.0	1	09/03/24	09/04/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ragin Cajun 12 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 10:01:35AM

SW5

E408282-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2436012
Benzene	ND	0.0250	1	09/03/24	09/04/24	
Ethylbenzene	ND	0.0250	1	09/03/24	09/04/24	
Toluene	ND	0.0250	1	09/03/24	09/04/24	
o-Xylene	ND	0.0250	1	09/03/24	09/04/24	
p,m-Xylene	ND	0.0500	1	09/03/24	09/04/24	
Total Xylenes	ND	0.0250	1	09/03/24	09/04/24	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*09/03/24*	*09/04/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.8 %*	*70-130*	*09/03/24*	*09/04/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*09/03/24*	*09/04/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2436012
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/03/24	09/04/24	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*09/03/24*	*09/04/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.8 %*	*70-130*	*09/03/24*	*09/04/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*09/03/24*	*09/04/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2436009
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/04/24	
Surrogate: n-Nonane		*93.0 %*	*50-200*	*09/03/24*	*09/04/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2436017
Chloride	ND	20.0	1	09/03/24	09/04/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ragin Cajun 12 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 10:01:35AM

SW6

E408282-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2436012
Benzene	ND	0.0250	1	09/03/24	09/04/24	
Ethylbenzene	ND	0.0250	1	09/03/24	09/04/24	
Toluene	ND	0.0250	1	09/03/24	09/04/24	
o-Xylene	ND	0.0250	1	09/03/24	09/04/24	
p,m-Xylene	ND	0.0500	1	09/03/24	09/04/24	
Total Xylenes	ND	0.0250	1	09/03/24	09/04/24	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*09/03/24*	*09/04/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.0 %*	*70-130*	*09/03/24*	*09/04/24*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*09/03/24*	*09/04/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2436012
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/03/24	09/04/24	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*09/03/24*	*09/04/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.0 %*	*70-130*	*09/03/24*	*09/04/24*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*09/03/24*	*09/04/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2436009
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/04/24	
Surrogate: n-Nonane		*85.6 %*	*50-200*	*09/03/24*	*09/04/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2436017
Chloride	ND	20.0	1	09/03/24	09/04/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ragin Cajun 12 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 10:01:35AM

SW7

E408282-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2436012
Benzene	ND	0.0250	1	09/03/24	09/05/24	
Ethylbenzene	ND	0.0250	1	09/03/24	09/05/24	
Toluene	ND	0.0250	1	09/03/24	09/05/24	
o-Xylene	ND	0.0250	1	09/03/24	09/05/24	
p,m-Xylene	ND	0.0500	1	09/03/24	09/05/24	
Total Xylenes	ND	0.0250	1	09/03/24	09/05/24	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*09/03/24*	*09/05/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.3 %*	*70-130*	*09/03/24*	*09/05/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*09/03/24*	*09/05/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2436012
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/03/24	09/05/24	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*09/03/24*	*09/05/24*	
Surrogate: 1,2-Dichloroethane-d4		*97.3 %*	*70-130*	*09/03/24*	*09/05/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*09/03/24*	*09/05/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2436009
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/04/24	
Surrogate: n-Nonane		*83.3 %*	*50-200*	*09/03/24*	*09/04/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2436017
Chloride	ND	20.0	1	09/03/24	09/04/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ragin Cajun 12 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 10:01:35AM

S3-1'

E408282-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2436012
Benzene	ND	0.0250	1	09/03/24	09/05/24	
Ethylbenzene	ND	0.0250	1	09/03/24	09/05/24	
Toluene	ND	0.0250	1	09/03/24	09/05/24	
o-Xylene	ND	0.0250	1	09/03/24	09/05/24	
p,m-Xylene	ND	0.0500	1	09/03/24	09/05/24	
Total Xylenes	ND	0.0250	1	09/03/24	09/05/24	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*09/03/24*	*09/05/24*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*09/03/24*	*09/05/24*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*09/03/24*	*09/05/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2436012
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/03/24	09/05/24	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*09/03/24*	*09/05/24*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*09/03/24*	*09/05/24*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*09/03/24*	*09/05/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2436009
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/04/24	
Surrogate: n-Nonane		*71.8 %*	*50-200*	*09/03/24*	*09/04/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2436017
Chloride	**29.9**	20.0	1	09/03/24	09/04/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ragin Cajun 12 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 10:01:35AM

S3-2'

E408282-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2436012
Benzene	ND	0.0250	1	09/03/24	09/05/24	
Ethylbenzene	ND	0.0250	1	09/03/24	09/05/24	
Toluene	ND	0.0250	1	09/03/24	09/05/24	
o-Xylene	ND	0.0250	1	09/03/24	09/05/24	
p,m-Xylene	ND	0.0500	1	09/03/24	09/05/24	
Total Xylenes	ND	0.0250	1	09/03/24	09/05/24	
Surrogate: Bromofluorobenzene		*99.1 %*	*70-130*	*09/03/24*	*09/05/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.3 %*	*70-130*	*09/03/24*	*09/05/24*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*09/03/24*	*09/05/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2436012
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/03/24	09/05/24	
Surrogate: Bromofluorobenzene		*99.1 %*	*70-130*	*09/03/24*	*09/05/24*	
Surrogate: 1,2-Dichloroethane-d4		*96.3 %*	*70-130*	*09/03/24*	*09/05/24*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*09/03/24*	*09/05/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2436009
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/04/24	
Surrogate: n-Nonane		*82.7 %*	*50-200*	*09/03/24*	*09/04/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2436017
Chloride	ND	20.0	1	09/03/24	09/04/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ragin Cajun 12 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 10:01:35AM

S3-3'

E408282-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2436012
Benzene	ND	0.0250	1	09/03/24	09/05/24	
Ethylbenzene	ND	0.0250	1	09/03/24	09/05/24	
Toluene	ND	0.0250	1	09/03/24	09/05/24	
o-Xylene	ND	0.0250	1	09/03/24	09/05/24	
p,m-Xylene	ND	0.0500	1	09/03/24	09/05/24	
Total Xylenes	ND	0.0250	1	09/03/24	09/05/24	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*09/03/24*	*09/05/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.3 %*	*70-130*	*09/03/24*	*09/05/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*09/03/24*	*09/05/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2436012
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/03/24	09/05/24	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*09/03/24*	*09/05/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.3 %*	*70-130*	*09/03/24*	*09/05/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*09/03/24*	*09/05/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2436009
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/04/24	
Surrogate: n-Nonane		*81.2 %*	*50-200*	*09/03/24*	*09/04/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2436017
Chloride	ND	20.0	1	09/03/24	09/04/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ragin Cajun 12 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 10:01:35AM

S3-4'

E408282-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2436012
Benzene	ND	0.0250	1	09/03/24	09/05/24	
Ethylbenzene	ND	0.0250	1	09/03/24	09/05/24	
Toluene	ND	0.0250	1	09/03/24	09/05/24	
o-Xylene	ND	0.0250	1	09/03/24	09/05/24	
p,m-Xylene	ND	0.0500	1	09/03/24	09/05/24	
Total Xylenes	ND	0.0250	1	09/03/24	09/05/24	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*09/03/24*	*09/05/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.9 %*	*70-130*	*09/03/24*	*09/05/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*09/03/24*	*09/05/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2436012
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/03/24	09/05/24	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*09/03/24*	*09/05/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.9 %*	*70-130*	*09/03/24*	*09/05/24*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*09/03/24*	*09/05/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2436009
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/04/24	
Surrogate: n-Nonane		*81.4 %*	*50-200*	*09/03/24*	*09/04/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2436017
Chloride	ND	20.0	1	09/03/24	09/04/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ragin Cajun 12 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 10:01:35AM

S4-1'

E408282-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2436012
Benzene	ND	0.0250	1	09/03/24	09/05/24	
Ethylbenzene	ND	0.0250	1	09/03/24	09/05/24	
Toluene	ND	0.0250	1	09/03/24	09/05/24	
o-Xylene	ND	0.0250	1	09/03/24	09/05/24	
p,m-Xylene	ND	0.0500	1	09/03/24	09/05/24	
Total Xylenes	ND	0.0250	1	09/03/24	09/05/24	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*09/03/24*	*09/05/24*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*09/03/24*	*09/05/24*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*09/03/24*	*09/05/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2436012
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/03/24	09/05/24	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*09/03/24*	*09/05/24*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*09/03/24*	*09/05/24*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*09/03/24*	*09/05/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2436009
Diesel Range Organics (C10-C28)	ND	25.0	1	09/03/24	09/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/03/24	09/04/24	
Surrogate: n-Nonane		*78.8 %*	*50-200*	*09/03/24*	*09/04/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2436017
Chloride	**31.3**	20.0	1	09/03/24	09/04/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ragin Cajun 12 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 10:01:35AM

S4-2'

E408282-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2436013
Benzene	ND	0.0250	1	09/03/24	09/05/24	
Ethylbenzene	ND	0.0250	1	09/03/24	09/05/24	
Toluene	ND	0.0250	1	09/03/24	09/05/24	
o-Xylene	ND	0.0250	1	09/03/24	09/05/24	
p,m-Xylene	ND	0.0500	1	09/03/24	09/05/24	
Total Xylenes	ND	0.0250	1	09/03/24	09/05/24	
Surrogate: Bromofluorobenzene		*96.0 %*	*70-130*	*09/03/24*	*09/05/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.3 %*	*70-130*	*09/03/24*	*09/05/24*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*09/03/24*	*09/05/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2436013
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/03/24	09/05/24	
Surrogate: Bromofluorobenzene		*96.0 %*	*70-130*	*09/03/24*	*09/05/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.3 %*	*70-130*	*09/03/24*	*09/05/24*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*09/03/24*	*09/05/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2436026
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/24	09/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/24	09/06/24	
Surrogate: n-Nonane		*81.5 %*	*50-200*	*09/04/24*	*09/06/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2436001
Chloride	**50.9**	20.0	1	09/03/24	09/04/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ragin Cajun 12 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 10:01:35AM

S4-3'

E408282-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2436013
Benzene	ND	0.0250	1	09/03/24	09/05/24	
Ethylbenzene	ND	0.0250	1	09/03/24	09/05/24	
Toluene	ND	0.0250	1	09/03/24	09/05/24	
o-Xylene	ND	0.0250	1	09/03/24	09/05/24	
p,m-Xylene	ND	0.0500	1	09/03/24	09/05/24	
Total Xylenes	ND	0.0250	1	09/03/24	09/05/24	
Surrogate: Bromofluorobenzene		*94.5 %*	*70-130*	*09/03/24*	*09/05/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.9 %*	*70-130*	*09/03/24*	*09/05/24*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*09/03/24*	*09/05/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2436013
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/03/24	09/05/24	
Surrogate: Bromofluorobenzene		*94.5 %*	*70-130*	*09/03/24*	*09/05/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.9 %*	*70-130*	*09/03/24*	*09/05/24*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*09/03/24*	*09/05/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2436026
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/24	09/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/24	09/06/24	
Surrogate: n-Nonane		*83.6 %*	*50-200*	*09/04/24*	*09/06/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2436001
Chloride	ND	20.0	1	09/03/24	09/04/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ragin Cajun 12 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 10:01:35AM

S4-4'

E408282-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2436013
Benzene	ND	0.0250	1	09/03/24	09/05/24	
Ethylbenzene	ND	0.0250	1	09/03/24	09/05/24	
Toluene	ND	0.0250	1	09/03/24	09/05/24	
o-Xylene	ND	0.0250	1	09/03/24	09/05/24	
p,m-Xylene	ND	0.0500	1	09/03/24	09/05/24	
Total Xylenes	ND	0.0250	1	09/03/24	09/05/24	
Surrogate: Bromofluorobenzene		*93.3 %*	*70-130*	*09/03/24*	*09/05/24*	
Surrogate: 1,2-Dichloroethane-d4		*90.1 %*	*70-130*	*09/03/24*	*09/05/24*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*09/03/24*	*09/05/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2436013
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/03/24	09/05/24	
Surrogate: Bromofluorobenzene		*93.3 %*	*70-130*	*09/03/24*	*09/05/24*	
Surrogate: 1,2-Dichloroethane-d4		*90.1 %*	*70-130*	*09/03/24*	*09/05/24*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*09/03/24*	*09/05/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2436026
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/24	09/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/24	09/06/24	
Surrogate: n-Nonane		*78.1 %*	*50-200*	*09/04/24*	*09/06/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2436001
Chloride	ND	20.0	1	09/03/24	09/04/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ragin Cajun 12 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 10:01:35AM

SW8

E408282-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2436013
Benzene	ND	0.0250	1	09/03/24	09/05/24	
Ethylbenzene	ND	0.0250	1	09/03/24	09/05/24	
Toluene	ND	0.0250	1	09/03/24	09/05/24	
o-Xylene	ND	0.0250	1	09/03/24	09/05/24	
p,m-Xylene	ND	0.0500	1	09/03/24	09/05/24	
Total Xylenes	ND	0.0250	1	09/03/24	09/05/24	
Surrogate: Bromofluorobenzene		*96.2 %*	*70-130*	*09/03/24*	*09/05/24*	
Surrogate: 1,2-Dichloroethane-d4		*91.8 %*	*70-130*	*09/03/24*	*09/05/24*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*09/03/24*	*09/05/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2436013
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/03/24	09/05/24	
Surrogate: Bromofluorobenzene		*96.2 %*	*70-130*	*09/03/24*	*09/05/24*	
Surrogate: 1,2-Dichloroethane-d4		*91.8 %*	*70-130*	*09/03/24*	*09/05/24*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*09/03/24*	*09/05/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2436026
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/24	09/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/24	09/06/24	
Surrogate: n-Nonane		*85.0 %*	*50-200*	*09/04/24*	*09/06/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2436001
Chloride	ND	20.0	1	09/03/24	09/04/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ragin Cajun 12 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 10:01:35AM

SW9

E408282-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2436013
Benzene	ND	0.0250	1	09/03/24	09/04/24	
Ethylbenzene	ND	0.0250	1	09/03/24	09/04/24	
Toluene	ND	0.0250	1	09/03/24	09/04/24	
o-Xylene	ND	0.0250	1	09/03/24	09/04/24	
p,m-Xylene	ND	0.0500	1	09/03/24	09/04/24	
Total Xylenes	ND	0.0250	1	09/03/24	09/04/24	
Surrogate: Bromofluorobenzene		*92.7 %*	*70-130*	*09/03/24*	*09/04/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.1 %*	*70-130*	*09/03/24*	*09/04/24*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*09/03/24*	*09/04/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2436013
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/03/24	09/04/24	
Surrogate: Bromofluorobenzene		*92.7 %*	*70-130*	*09/03/24*	*09/04/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.1 %*	*70-130*	*09/03/24*	*09/04/24*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*09/03/24*	*09/04/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2436026
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/24	09/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/24	09/06/24	
Surrogate: n-Nonane		*80.7 %*	*50-200*	*09/04/24*	*09/06/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2436001
Chloride	ND	20.0	1	09/03/24	09/04/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ragin Cajun 12 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 10:01:35AM

SW10

E408282-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2436013
Benzene	ND	0.0250	1	09/03/24	09/05/24	
Ethylbenzene	ND	0.0250	1	09/03/24	09/05/24	
Toluene	ND	0.0250	1	09/03/24	09/05/24	
o-Xylene	ND	0.0250	1	09/03/24	09/05/24	
p,m-Xylene	ND	0.0500	1	09/03/24	09/05/24	
Total Xylenes	ND	0.0250	1	09/03/24	09/05/24	
Surrogate: Bromofluorobenzene		*97.6 %*	*70-130*	*09/03/24*	*09/05/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.5 %*	*70-130*	*09/03/24*	*09/05/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*09/03/24*	*09/05/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2436013
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/03/24	09/05/24	
Surrogate: Bromofluorobenzene		*97.6 %*	*70-130*	*09/03/24*	*09/05/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.5 %*	*70-130*	*09/03/24*	*09/05/24*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*09/03/24*	*09/05/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2436026
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/24	09/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/24	09/06/24	
Surrogate: n-Nonane		*83.4 %*	*50-200*	*09/04/24*	*09/06/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2436001
Chloride	ND	20.0	1	09/03/24	09/04/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ragin Cajun 12 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 10:01:35AM

SW11

E408282-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2436013
Benzene	ND	0.0250	1	09/03/24	09/05/24	
Ethylbenzene	ND	0.0250	1	09/03/24	09/05/24	
Toluene	ND	0.0250	1	09/03/24	09/05/24	
o-Xylene	ND	0.0250	1	09/03/24	09/05/24	
p,m-Xylene	ND	0.0500	1	09/03/24	09/05/24	
Total Xylenes	ND	0.0250	1	09/03/24	09/05/24	
Surrogate: Bromofluorobenzene		*96.3 %*	*70-130*	*09/03/24*	*09/05/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.8 %*	*70-130*	*09/03/24*	*09/05/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*09/03/24*	*09/05/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2436013
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/03/24	09/05/24	
Surrogate: Bromofluorobenzene		*96.3 %*	*70-130*	*09/03/24*	*09/05/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.8 %*	*70-130*	*09/03/24*	*09/05/24*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*09/03/24*	*09/05/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2436026
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/24	09/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/24	09/06/24	
Surrogate: n-Nonane		*85.3 %*	*50-200*	*09/04/24*	*09/06/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2436001
Chloride	ND	20.0	1	09/03/24	09/04/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ragin Cajun 12 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 10:01:35AM

BG1

E408282-28

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2436013
Benzene	ND	0.0250	1	09/03/24	09/05/24	
Ethylbenzene	ND	0.0250	1	09/03/24	09/05/24	
Toluene	ND	0.0250	1	09/03/24	09/05/24	
o-Xylene	ND	0.0250	1	09/03/24	09/05/24	
p,m-Xylene	ND	0.0500	1	09/03/24	09/05/24	
Total Xylenes	ND	0.0250	1	09/03/24	09/05/24	
Surrogate: Bromofluorobenzene		*96.3 %*	*70-130*	*09/03/24*	*09/05/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.7 %*	*70-130*	*09/03/24*	*09/05/24*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*09/03/24*	*09/05/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2436013
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/03/24	09/05/24	
Surrogate: Bromofluorobenzene		*96.3 %*	*70-130*	*09/03/24*	*09/05/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.7 %*	*70-130*	*09/03/24*	*09/05/24*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*09/03/24*	*09/05/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2436026
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/24	09/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/24	09/06/24	
Surrogate: n-Nonane		*86.9 %*	*50-200*	*09/04/24*	*09/06/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2436001
Chloride	ND	20.0	1	09/03/24	09/04/24	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ragin Cajun 12 CTB 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 10:01:35AM

Volatile Organic Compounds by EPA 8260B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2436012-BLK1)									Prepared: 09/03/24 Analyzed: 09/04/24
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	*0.510*		*0.500*		*102*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.490*		*0.500*		*97.9*	*70-130*			
Surrogate: Toluene-d8	*0.531*		*0.500*		*106*	*70-130*			
LCS (2436012-BS1)									Prepared: 09/03/24 Analyzed: 09/04/24
Benzene	2.40	0.0250	2.50		95.9	70-130			
Ethylbenzene	2.41	0.0250	2.50		96.4	70-130			
Toluene	2.42	0.0250	2.50		96.8	70-130			
o-Xylene	2.31	0.0250	2.50		92.5	70-130			
p,m-Xylene	4.68	0.0500	5.00		93.5	70-130			
Total Xylenes	6.99	0.0250	7.50		93.2	70-130			
Surrogate: Bromofluorobenzene	*0.512*		*0.500*		*102*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.480*		*0.500*		*95.9*	*70-130*			
Surrogate: Toluene-d8	*0.526*		*0.500*		*105*	*70-130*			
Matrix Spike (2436012-MS1)				**Source: E408282-07**					Prepared: 09/03/24 Analyzed: 09/04/24
Benzene	2.41	0.0250	2.50	ND	96.2	48-131			
Ethylbenzene	2.37	0.0250	2.50	ND	94.7	45-135			
Toluene	2.38	0.0250	2.50	ND	95.3	48-130			
o-Xylene	2.30	0.0250	2.50	ND	91.9	43-135			
p,m-Xylene	4.65	0.0500	5.00	ND	93.0	43-135			
Total Xylenes	6.95	0.0250	7.50	ND	92.7	43-135			
Surrogate: Bromofluorobenzene	*0.506*		*0.500*		*101*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.489*		*0.500*		*97.7*	*70-130*			
Surrogate: Toluene-d8	*0.511*		*0.500*		*102*	*70-130*			
Matrix Spike Dup (2436012-MSD1)				**Source: E408282-07**					Prepared: 09/03/24 Analyzed: 09/04/24
Benzene	2.30	0.0250	2.50	ND	91.9	48-131	4.57	23	
Ethylbenzene	2.28	0.0250	2.50	ND	91.2	45-135	3.81	27	
Toluene	2.29	0.0250	2.50	ND	91.6	48-130	3.94	24	
o-Xylene	2.21	0.0250	2.50	ND	88.5	43-135	3.75	27	
p,m-Xylene	4.40	0.0500	5.00	ND	88.0	43-135	5.57	27	
Total Xylenes	6.61	0.0250	7.50	ND	88.2	43-135	4.96	27	
Surrogate: Bromofluorobenzene	*0.513*		*0.500*		*103*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.503*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.520*		*0.500*		*104*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ragin Cajun 12 CTB 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 10:01:35AM

Volatile Organic Compounds by EPA 8260B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2436013-BLK1)									Prepared: 09/03/24 Analyzed: 09/04/24
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	*0.469*		*0.500*		*93.7*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.451*		*0.500*		*90.2*	*70-130*			
Surrogate: Toluene-d8	*0.513*		*0.500*		*103*	*70-130*			
LCS (2436013-BS1)									Prepared: 09/03/24 Analyzed: 09/03/24
Benzene	2.22	0.0250	2.50		88.8	70-130			
Ethylbenzene	2.26	0.0250	2.50		90.6	70-130			
Toluene	2.40	0.0250	2.50		96.0	70-130			
o-Xylene	2.38	0.0250	2.50		95.1	70-130			
p,m-Xylene	4.78	0.0500	5.00		95.5	70-130			
Total Xylenes	7.15	0.0250	7.50		95.4	70-130			
Surrogate: Bromofluorobenzene	*0.478*		*0.500*		*95.6*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.461*		*0.500*		*92.2*	*70-130*			
Surrogate: Toluene-d8	*0.508*		*0.500*		*102*	*70-130*			
Matrix Spike (2436013-MS1)				**Source: E408282-25**					Prepared: 09/03/24 Analyzed: 09/04/24
Benzene	2.24	0.0250	2.50	ND	89.8	48-131			
Ethylbenzene	2.30	0.0250	2.50	ND	92.0	45-135			
Toluene	2.44	0.0250	2.50	ND	97.5	48-130			
o-Xylene	2.38	0.0250	2.50	ND	95.0	43-135			
p,m-Xylene	4.75	0.0500	5.00	ND	95.0	43-135			
Total Xylenes	7.12	0.0250	7.50	ND	95.0	43-135			
Surrogate: Bromofluorobenzene	*0.478*		*0.500*		*95.6*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.469*		*0.500*		*93.8*	*70-130*			
Surrogate: Toluene-d8	*0.518*		*0.500*		*104*	*70-130*			
Matrix Spike Dup (2436013-MSD1)				**Source: E408282-25**					Prepared: 09/03/24 Analyzed: 09/04/24
Benzene	2.06	0.0250	2.50	ND	82.3	48-131	8.65	23	
Ethylbenzene	2.09	0.0250	2.50	ND	83.8	45-135	9.33	27	
Toluene	2.19	0.0250	2.50	ND	87.8	48-130	10.5	24	
o-Xylene	2.28	0.0250	2.50	ND	91.2	43-135	4.13	27	
p,m-Xylene	4.52	0.0500	5.00	ND	90.4	43-135	4.94	27	
Total Xylenes	6.80	0.0250	7.50	ND	90.6	43-135	4.67	27	
Surrogate: Bromofluorobenzene	*0.496*		*0.500*		*99.2*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.463*		*0.500*		*92.5*	*70-130*			
Surrogate: Toluene-d8	*0.501*		*0.500*		*100*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ragin Cajun 12 CTB 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 10:01:35AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2436012-BLK1)									Prepared: 09/03/24 Analyzed: 09/04/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.510*		*0.500*		*102*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.490*		*0.500*		*97.9*	*70-130*			
Surrogate: Toluene-d8	*0.531*		*0.500*		*106*	*70-130*			
LCS (2436012-BS2)									Prepared: 09/03/24 Analyzed: 09/04/24
Gasoline Range Organics (C6-C10)	55.9	20.0	50.0		112	70-130			
Surrogate: Bromofluorobenzene	*0.528*		*0.500*		*106*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.472*		*0.500*		*94.3*	*70-130*			
Surrogate: Toluene-d8	*0.538*		*0.500*		*108*	*70-130*			
Matrix Spike (2436012-MS2)				**Source: E408282-07**					Prepared: 09/03/24 Analyzed: 09/04/24
Gasoline Range Organics (C6-C10)	52.2	20.0	50.0	ND	104	70-130			
Surrogate: Bromofluorobenzene	*0.515*		*0.500*		*103*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.485*		*0.500*		*96.9*	*70-130*			
Surrogate: Toluene-d8	*0.535*		*0.500*		*107*	*70-130*			
Matrix Spike Dup (2436012-MSD2)				**Source: E408282-07**					Prepared: 09/03/24 Analyzed: 09/04/24
Gasoline Range Organics (C6-C10)	54.1	20.0	50.0	ND	108	70-130	3.65	20	
Surrogate: Bromofluorobenzene	*0.514*		*0.500*		*103*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.473*		*0.500*		*94.5*	*70-130*			
Surrogate: Toluene-d8	*0.537*		*0.500*		*107*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ragin Cajun 12 CTB 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 10:01:35AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2436013-BLK1)									Prepared: 09/03/24 Analyzed: 09/04/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.469*		*0.500*		*93.7*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.451*		*0.500*		*90.2*	*70-130*			
Surrogate: Toluene-d8	*0.513*		*0.500*		*103*	*70-130*			
LCS (2436013-BS2)									Prepared: 09/03/24 Analyzed: 09/04/24
Gasoline Range Organics (C6-C10)	40.0	20.0	50.0		80.0	70-130			
Surrogate: Bromofluorobenzene	*0.483*		*0.500*		*96.6*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.482*		*0.500*		*96.3*	*70-130*			
Surrogate: Toluene-d8	*0.524*		*0.500*		*105*	*70-130*			
Matrix Spike (2436013-MS2)				**Source: E408282-25**					Prepared: 09/03/24 Analyzed: 09/05/24
Gasoline Range Organics (C6-C10)	39.8	20.0	50.0	ND	79.5	70-130			
Surrogate: Bromofluorobenzene	*0.476*		*0.500*		*95.1*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.455*		*0.500*		*91.0*	*70-130*			
Surrogate: Toluene-d8	*0.517*		*0.500*		*103*	*70-130*			
Matrix Spike Dup (2436013-MSD2)				**Source: E408282-25**					Prepared: 09/03/24 Analyzed: 09/05/24
Gasoline Range Organics (C6-C10)	40.0	20.0	50.0	ND	80.0	70-130	0.609	20	
Surrogate: Bromofluorobenzene	*0.487*		*0.500*		*97.4*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.468*		*0.500*		*93.5*	*70-130*			
Surrogate: Toluene-d8	*0.515*		*0.500*		*103*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ragin Cajun 12 CTB 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 10:01:35AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2436009-BLK1)									Prepared: 09/03/24 Analyzed: 09/04/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*45.0*		*50.0*		*89.9*	*50-200*			
LCS (2436009-BS1)									Prepared: 09/03/24 Analyzed: 09/04/24
Diesel Range Organics (C10-C28)	241	25.0	250		96.3	38-132			
Surrogate: n-Nonane	*43.9*		*50.0*		*87.7*	*50-200*			
Matrix Spike (2436009-MS1)				**Source: E408282-10**					Prepared: 09/03/24 Analyzed: 09/04/24
Diesel Range Organics (C10-C28)	229	25.0	250	ND	91.6	38-132			
Surrogate: n-Nonane	*41.7*		*50.0*		*83.5*	*50-200*			
Matrix Spike Dup (2436009-MSD1)				**Source: E408282-10**					Prepared: 09/03/24 Analyzed: 09/04/24
Diesel Range Organics (C10-C28)	237	25.0	250	ND	94.8	38-132	3.40	20	
Surrogate: n-Nonane	*44.2*		*50.0*		*88.4*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ragin Cajun 12 CTB 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 10:01:35AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2436026-BLK1)									Prepared: 09/04/24 Analyzed: 09/06/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*42.2*		*50.0*		*84.5*	*50-200*			
LCS (2436026-BS1)									Prepared: 09/04/24 Analyzed: 09/06/24
Diesel Range Organics (C10-C28)	210	25.0	250		83.9	38-132			
Surrogate: n-Nonane	*45.3*		*50.0*		*90.5*	*50-200*			
Matrix Spike (2436026-MS1)				**Source: E408282-21**					Prepared: 09/04/24 Analyzed: 09/06/24
Diesel Range Organics (C10-C28)	200	25.0	250	ND	80.1	38-132			
Surrogate: n-Nonane	*43.7*		*50.0*		*87.5*	*50-200*			
Matrix Spike Dup (2436026-MSD1)				**Source: E408282-21**					Prepared: 09/04/24 Analyzed: 09/06/24
Diesel Range Organics (C10-C28)	194	25.0	250	ND	77.8	38-132	2.98	20	
Surrogate: n-Nonane	*41.8*		*50.0*		*83.5*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ragin Cajun 12 CTB 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 10:01:35AM

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 Data

Pima Environmental Services-Carlsbad	Project Name:	Ragin Cajun 12 CTB 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	9/9/2024 10:01:35AM

Anions by EPA 300.0/9056A

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
Blank (2436017-BLK1)									Prepared: 09/03/24 Analyzed: 09/03/24
Chloride	ND	20.0							
LCS (2436017-BS1)									Prepared: 09/03/24 Analyzed: 09/03/24
Chloride	249	20.0	250		99.5	90-110			
Matrix Spike (2436017-MS1)				**Source: E408282-04**					Prepared: 09/03/24 Analyzed: 09/03/24
Chloride	271	20.0	250	ND	109	80-120			
Matrix Spike Dup (2436017-MSD1)				**Source: E408282-04**					Prepared: 09/03/24 Analyzed: 09/04/24
Chloride	270	20.0	250	ND	108	80-120	0.576	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:	Ragin Cajun 12 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	09/09/24 10:01

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

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

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

Project Information

Chain of Custody

Client: Pima Environmental Services	Bill To
Project: Ragin Cajun 12 CTB 3	Attention: Devon
Project Manager: Gio Gomez	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 806-782-1151	Email:
Email: gio@pimaoil.com	Pima Project # 375
Report due by:	

Lab Use Only: Lab WO# E408282 | Job Number 01058-0007

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

EPA Program: CWA | SDWA | RCRA

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

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC NM	Remarks
8:27	8/29	S		S1-1'	1	X	
8:33				S1-2'	2		
8:41				S1-3'	3		
8:56				S1-4'	4		
9:11				SW1	5		
9:23				SW2	6		
9:30				SW3	7		
9:39				SW4	8		
9:43				S2-1'	9		
9:56				S2-2'	10		

Additional Instructions: Billing # 21399103

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Karime Adame	8.30.24	1240		8.30.24	1240
	8.30.24	1500	A.M.	8.30.24	1800
A.M.	8.30.24	2400	Thyra R Hall	9.3.24	0500

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

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

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

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

envirotech

Project Information | Chain of Custody | Page 2 of 3

Client: Pima Environmental Services	Bill To
Project: Ragin Cajun 12 CTB 3	Attention: Devon
Project Manager: Gio Gomez	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 806-782-1151	Email:
Email: gio@pimaoil.com	Pima Project # 375
Report due by:	

Lab Use Only: Lab WO# E408282 | Job Number 01058-0007

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

EPA Program: CWA | SDWA | RCRA

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX			Remarks
10:03	8/29	S		S2-3'	11									X				
10:11	"	"		S2-4'	12									"				
10:20	"	"		SW5	13									"				
10:27	"	"		SW6	14									"				
10:33	"	"		SW7	15									"				
10:39	"	"		S3-1'	16									"				
10:47	"	"		S3-2'	17									"				
10:51	"	"		S3-3'	18									"				
10:53	"	"		S3-4'	19									"				
11:00	"	"		S4-1'	20									"				

Additional Instructions: Billing # 21399103

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Karina Adame	8.30.24	1240		8.30.24	1240
	8.30.24	1500	J.M.	8.30.24	1800
J.M.	8.30.24	2400	Mayra R Hill	9.3.24	0500

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

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

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

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

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Project Information | Chain of Custody | Page 3 of 3

Client: Pima Environmental Services	Bill To
Project: Ragin Cajun 12 CTB 3	Attention: Devon
Project Manager: Gio Gomez	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 806-782-1151	Email:
Email: gio@pimaoil.com	Pima Project # 375
Report due by:	

Lab Use Only: Lab WO# E408282 | Job Number 01058-0007

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

EPA Program: CWA | SDWA | RCRA

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
11:16	8/29	S		SW-2'	21							X		
11:25				SW-3'	22									
11:34				SW-4'	23									
11:46				SW8	24									
11:59				SW9	25									
12:03				SW10	26									
12:20				SW11	27									
12:27				BG1	28									
					2 - (KH)									

Additional Instructions: Billing # 21399103

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Karine Adame	8.30.24	1240		8.30.24	1240
	8.30.24	1500		8.30.24	1900
	8.30.24	2400	Thuylyn N Hall	9.3.24	0500

Lab Use Only — Received on ice: Y / N

T1 T2 T3

AVG Temp °C 4

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

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

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

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Envirotech Analytical Laboratory

Printed: 9/3/2024 7:07:37AM

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:	E408282
Phone:	(575) 631-6977	Date Logged In:	08/30/24 15:59	Logged In By:	Noe Soto
Email:	gio@pimaoil.com	Due Date:	09/09/24 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Sampler name and No. of Containers are missing on COC by client.

Client Instruction

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

Date

envirotech Inc.

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

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

QUESTIONS

Action 390140

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 390140
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2423962613**
Incident Name	**NAPP2423962613 RAGIN CAJUN 12 CTB 3 @ 0**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Plan Received**
Incident Facility	**[fAPP2423338309] RAGIN CAJUN 12 CTB 3**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	RAGIN CAJUN 12 CTB 3
Date Release Discovered	08/26/2024
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: Equipment Failure | Coupling | Produced Water | Released: 92 BBL | Recovered: 90 BBL | Lost: 2 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)	a 3" poly weld on the downstream leg of the facility WTPs broke apart. water was released into two lined containments. 0.03 bbls spilled onto pad. 90 bbls recovered from the two containments. 2 bbls believed to have evaporated before it could be recovered.

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 (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 390140
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

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	**Yes**
Reasons why this would be considered a submission for a notification of a major release	**From paragraph A. "Major release" determine using:** **(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.**
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

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

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

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

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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 390140
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

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	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	877
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	37
GRO+DRO (EPA SW-846 Method 8015M)	37
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	11/01/2024
On what date will (or did) the final sampling or liner inspection occur	11/01/2024
On what date will (or was) the remediation complete(d)	11/01/2024
What is the estimated surface area (in square feet) that will be reclaimed	200
What is the estimated volume (in cubic yards) that will be reclaimed	7
What is the estimated surface area (in square feet) that will be remediated	200
What is the estimated volume (in cubic yards) that will be remediated	7
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.	
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 390140
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	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.*
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dvn.com Date: 10/04/2024
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 390140
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

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

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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 390140
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	***{Unavailable.}***

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	No

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CONDITIONS

Action 390140

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 390140
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	The Remediation Plan is Conditionally Approved. All samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. Floor confirmation samples should be delineated/excavated to meet closure criteria standards for site assessment/characterization/proven depth to water determination. Sidewall samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. Confirmation samples should be collected every 200 ft2. Please include the liner inspections reports in the Remediation Closure. The work will need to occur in 90 days after the work plan has been reviewed.	10/9/2024