RECLAMATION CLOSURE REPORT

PREPARED FOR:
DEVON ENERGY PRODUCTION, LP.

PREPARED BY:
PIMA ENVIRONMENTAL SERIVCES, LLC.

May 21st, 2025

PIMA ENVIRONMENTAL SERVICES, LLC.
5614 N LOVINGTON HWY, HOBBS, NM 88240

NMOCD District 1
1625 N. French Drive
Hobbs, NM 88240

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

RE: RECLAMATION CLOSURE REPORT
LOCATION: Ragin Cajun 12 CTB 3
FACILITY ID: fAPP2423338309
GPS: 32.0614366, -103.419365
INCIDENT LOCATION: UL- H. Section 12, T26S, R34E
COUNTY: Lea
NMOCD REF. NO. NAPP2423962613

Pima Environmental Services, LLC (Pima) has been contracted by Devon Energy Production Company, LP (Devon) to prepare the Reclamation Closure Report for the Ragin Cajun 12 CTB 3 site (hereafter referred to as the "Ragin"). This report provides a comprehensive overview of the site's history, details the reclamation activities that have been undertaken to date, and outlines a proposed plan for ongoing vegetation monitoring.

SITE CHARACTERIZATION

The Ragin is located approximately twelve (12) miles east of Bennett, 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 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 (Figure 3). A Topographic Map can be referenced in Figure 2.

Based on the well water data from the New Mexico Office of the State Engineer water well (C-04601- POD 1), the depth to the nearest groundwater in this vicinity measures 110 feet below grade surface (BGS), positioned 1.60 miles away from the Ragin, drilled, March 31, 2022. Conversely, as per the United States Geological Survey well water data (USGS320108103191301), the nearest groundwater depth in this region is recorded at 237 feet BGS, situated approximately 6.51 miles away from the Ragin, with the last gauge conducted in 2012. The nearest water feature is a Salt Playa located approximately 16.57 miles to the north of this site. For detailed references to water surveys and the precise locations of water wells, please refer to Appendix A, inclusive of the relevant maps.

SITE CONDITIONS AND HISTORY

NAPP2423962613

On August 26, 2024, a 3'' poly weld on the downstream leg of the facility WTP's 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 produced water from the containment, and 0.03 barrels spilled onto pad. The remaining 2 barrels were recovered during the cleanup of the liner.

While incident NAPP2423962613 was being addressed, depth to groundwater was classified as <50' due to lack of groundwater.

On August 29, 2024, Pima Environmental conducted a site assessment and obtained soil samples. The laboratory results of this sampling event can be found in Figure 4. Analytical Laboratory Reports can be found in Appendix D. Photographic Documentation can be found in Appendix C.

On October 28, 2024, the Devon Construction Department mobilized personnel and equipment to begin immediate remediation activities. They began by excavating the area to a depth of 1' BGS. The contaminated soil (7 cubic yards) was hauled to an approved, lined disposal facility (R360 Antelope Draw) and clean backfill material was brought in.

On October 31, 2024, after sending a 48-hour notification, application ID: 396945, Pima returned to the site to collect confirmation samples of the excavation. The results of this sampling event can be found in Figure 4. Analytical Laboratory Reports can be found in Appendix D. Photographic Documentation can be found in Appendix C.

The sample results were below NMOCD Closure Criteria 19.15.29 NMAC. Based on these findings, no additional remediation activities were required at this location.

On September 6, 2024, Pima personnel mobilized equipment to the site to perform power washing of the liner and containment. A vacuum truck accompanied the crew to recover the power washing fluids.

On September 11, 2024, after submitting a 48-hour notification application ID: 381653 to the OCD, Pima Environmental conducted a liner inspection at this location. Pima concluded that this liner and containment maintained its integrity and was able to retain fluids. The liner inspection form and photographic documentation can be found in Appendix D.

A Remediation Closure Report (Application ID: 404547), was submitted to the NMOCD on November 19, 2024, for approval.

On December 2, 2024, Incident ID: NAPP2423962613, was approved by the NMOCD.

RECLAMATION ACTIVITIES

On May 1, 2025, Pima personnel returned to the site to collect a 5-point composite sample from backfilled areas. The results of this sampling event can be found in Figure 4. Analytical Laboratory Reports can be found in Appendix D.

The release and reclamation extent were on the pad and the area was remediated according to 19.15.29.12 NMAC. The confirmation lab sample results verified all samples within the top 4 feet of soil in this area includes non-waste containing, earthen material with chloride levels that are less than 600 mg/kg and TPH concentrations less than 100 mg/kg per 19.15.29.13 NMAC.

REVEGETATION OF THE SITE

Devon Energy will carry out revegetation activities and seeding of the site within 25 years or immediately after the site is no longer needed for production and/or subsequent drilling operations, whichever comes sooner.

REQUEST OF APPROVAL

After careful review, Pima requests that this Reclamation Closure Report for the Ragin Cajun 12 CTB 3, incident ID NAPP2423962613, be approved.

Should you have any questions or need additional information, please feel free to contact:
Devon Energy Production – Jim Raley at 575-689-7597 or jim.raley@dvn.com.
Pima Environmental – Lynsey Coons at 575-318-7532 or lynsey@pimaoil.com.

Respectfully,

Lynsey Coons
Lynsey Coons
Project Manager
Pima Environmental Services, LLC

ATTACHMENTS

FIGURES:

1- Location Map

2- Topographic Map

3- Karst Map

4- Data Tables

5- Site Map

6- Liner Site Map

7- Confirmation Sample Map

APPENDICES:

Appendix A – Water Surveys, Surface Water Map

Appendix B – Soil Survey, Geological Data, FEMA Flood Map, Wetlands Map

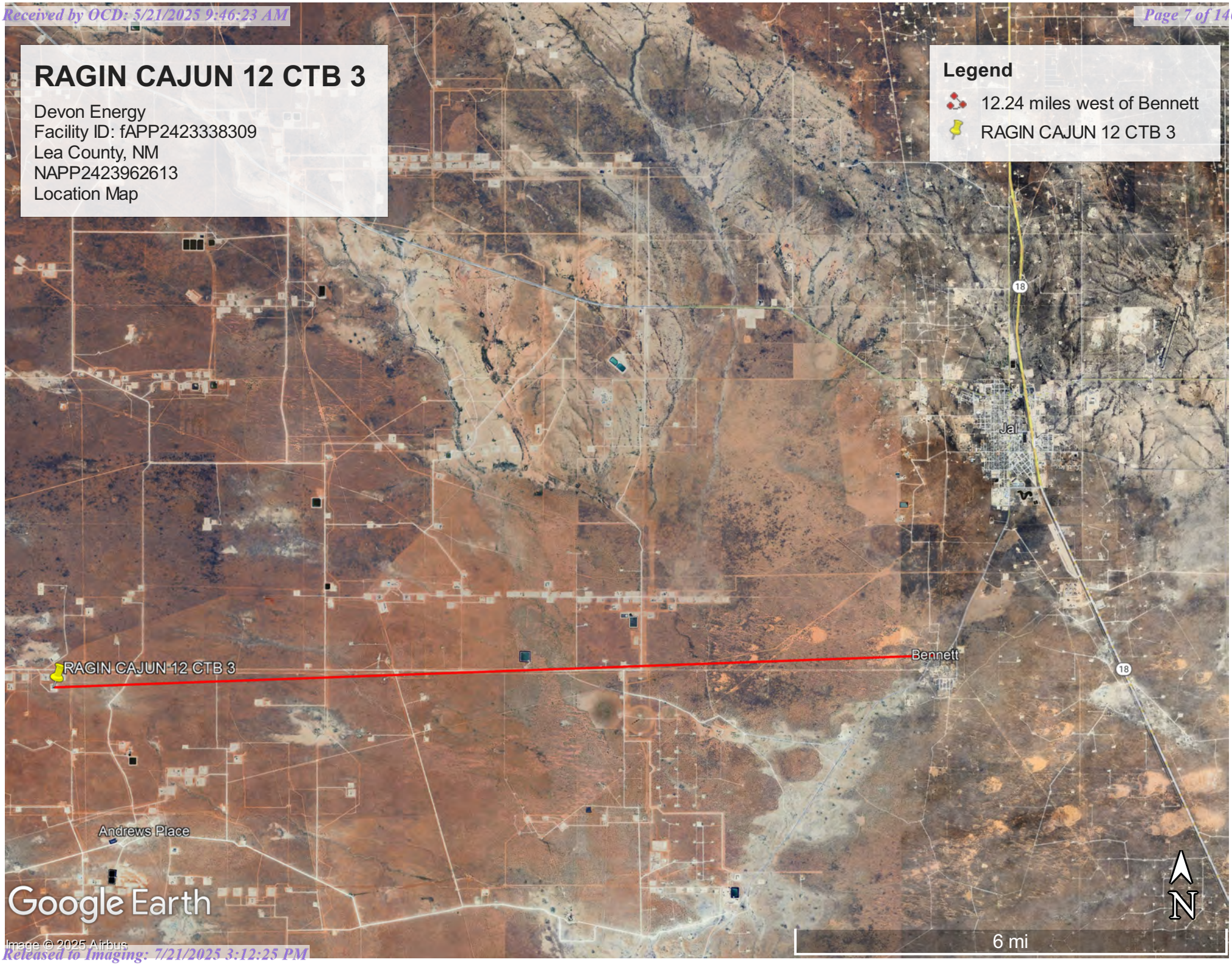
Appendix C – Liner Inspection Form, Photographic Documentation

Appendix D – Laboratory Results

FIGURES

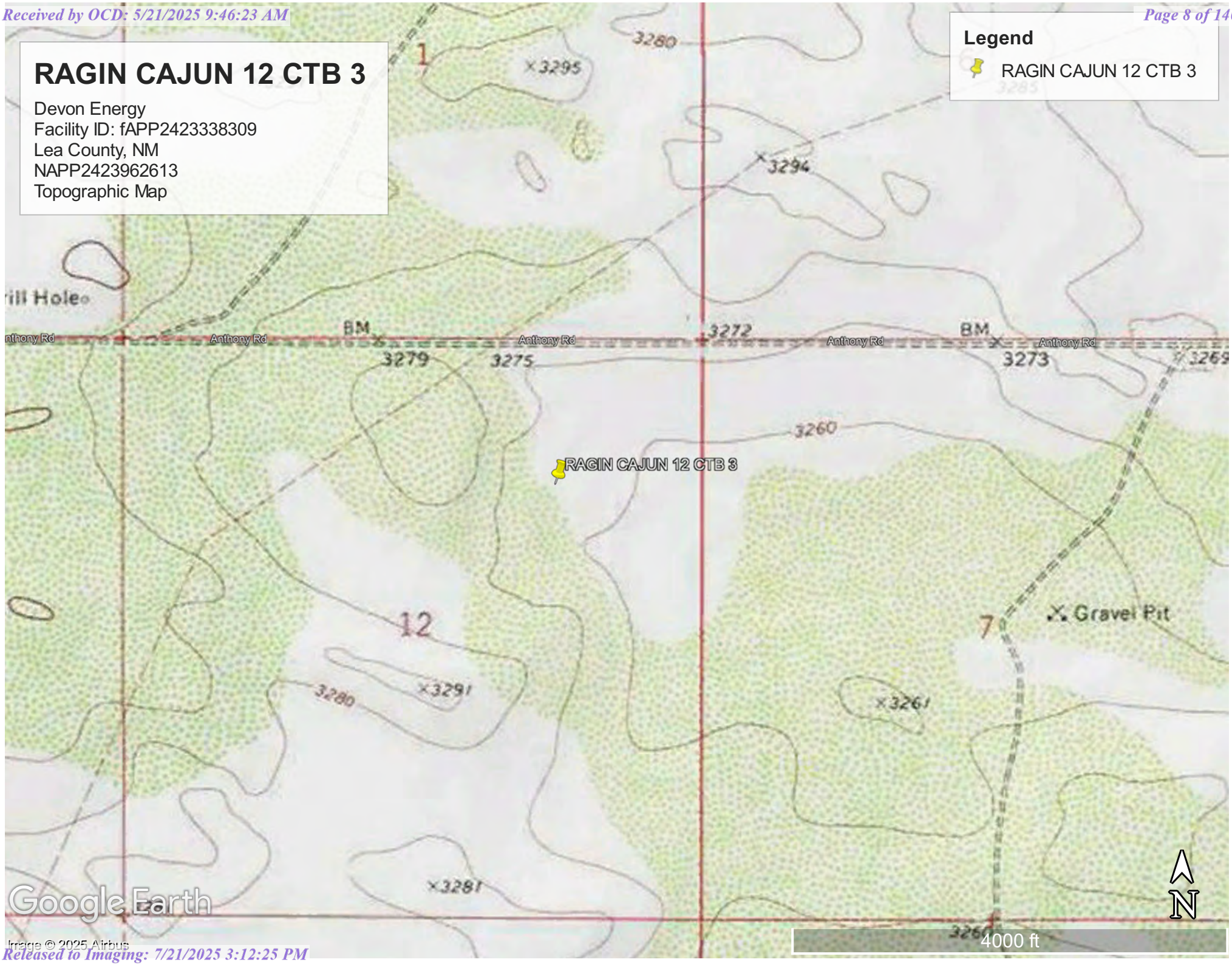
RAGIN CAJUN 12 CTB 3

Devon Energy
Facility ID: fAPP2423338309
Lea County, NM
NAPP2423962613
Location Map



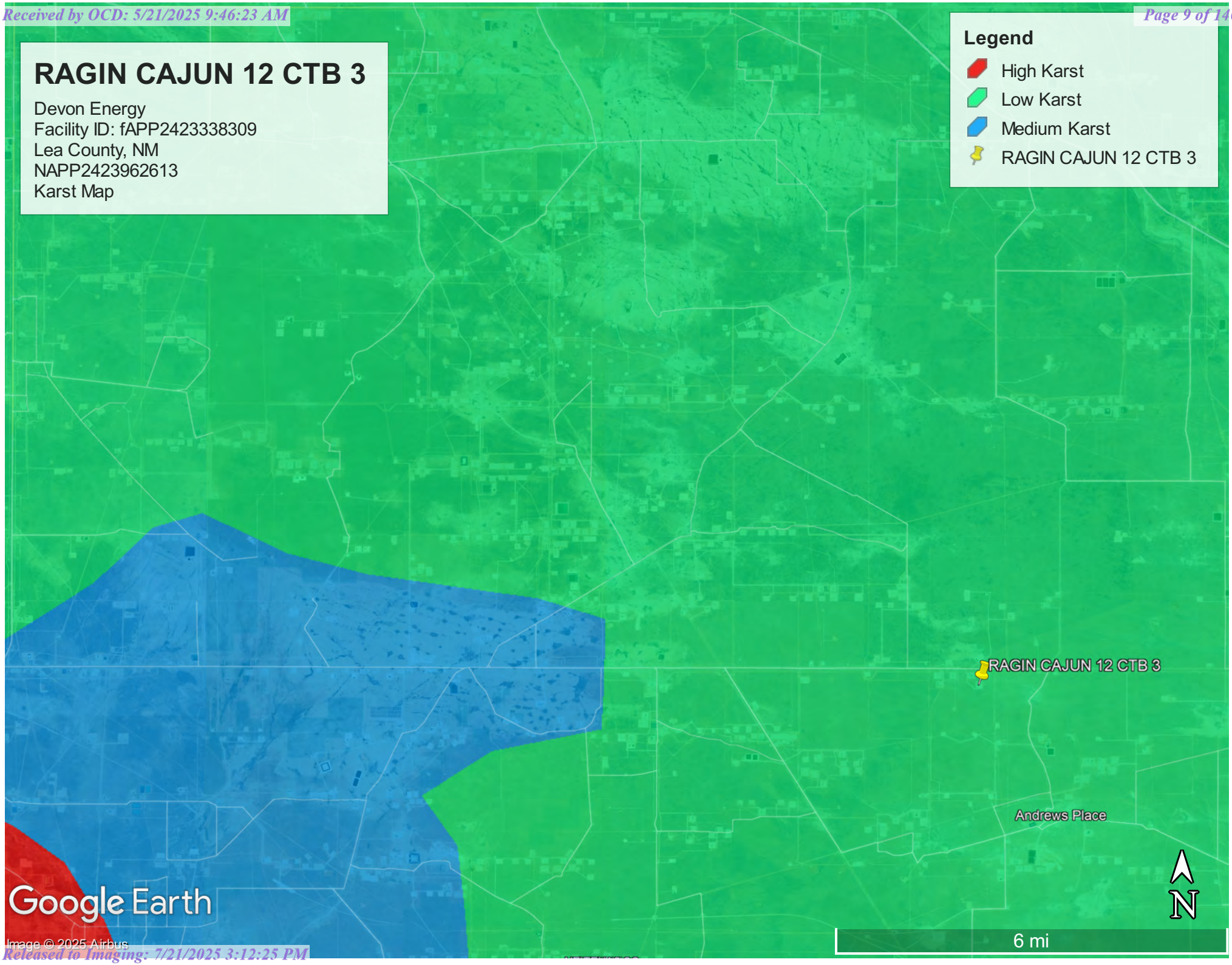
RAGIN CAJUN 12 CTB 3

Devon Energy
Facility ID: fAPP2423338309
Lea County, NM
NAPP2423962613
Topographic Map



RAGIN CAJUN 12 CTB 3

Devon Energy
Facility ID: fAPP2423338309
Lea County, NM
NAPP2423962613
Karst Map



Assessment
Data Tables

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
DEVON ENERGY Ragin Cajun 12 CTB 3								
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
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
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
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
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
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

Confirmation Data Tables

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
DEVON ENERGY Ragin Cajun 12 CTB 3								
Date: 10-31-24		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
CS1	1'	ND	ND	ND	ND	ND	0	23.6
CSW1	1'	ND	ND	ND	ND	ND	0	ND
CSW2	1'	ND	ND	ND	ND	ND	0	ND
CSW3	1'	ND	ND	ND	ND	ND	0	ND
CSW4	1'	ND	ND	ND	ND	ND	0	ND

Backfill
Data Tables

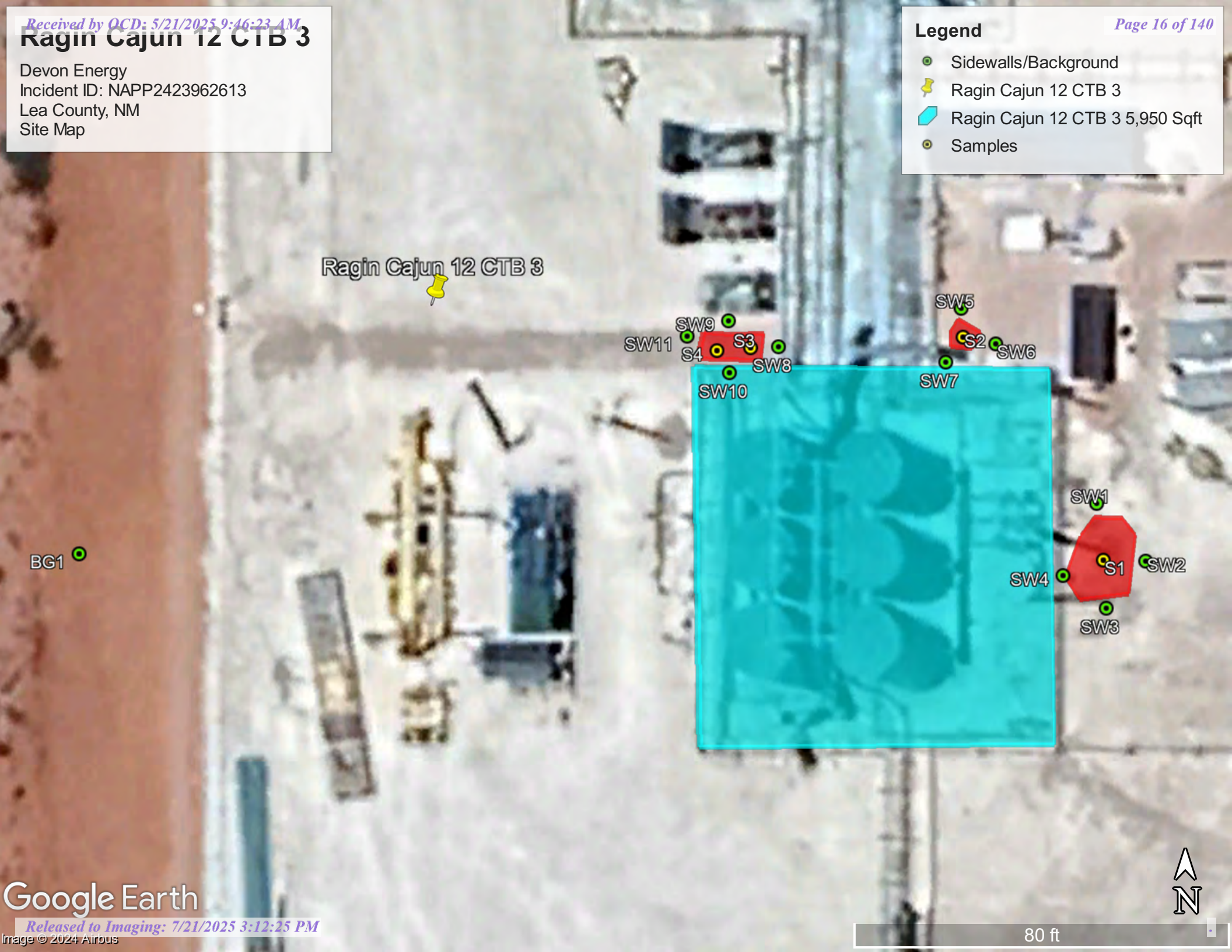
NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
DEVON ENERGY Ragin Cajun 12 CTB 3								
Date: 5-1-25		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
BACKFILL 1	COMP	ND	ND	ND	ND	ND	0	ND

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

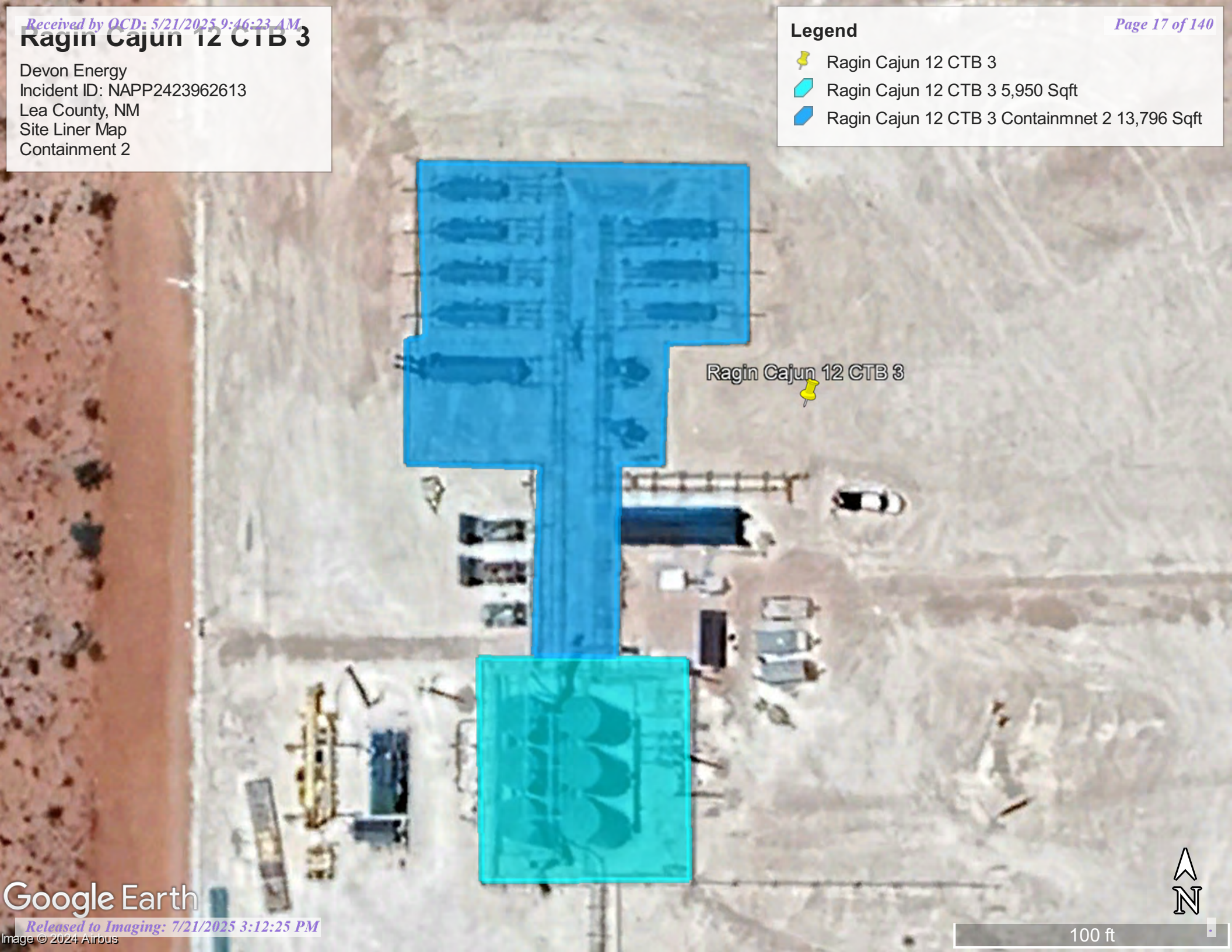


Ragin Cajun 12 CTB 3

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

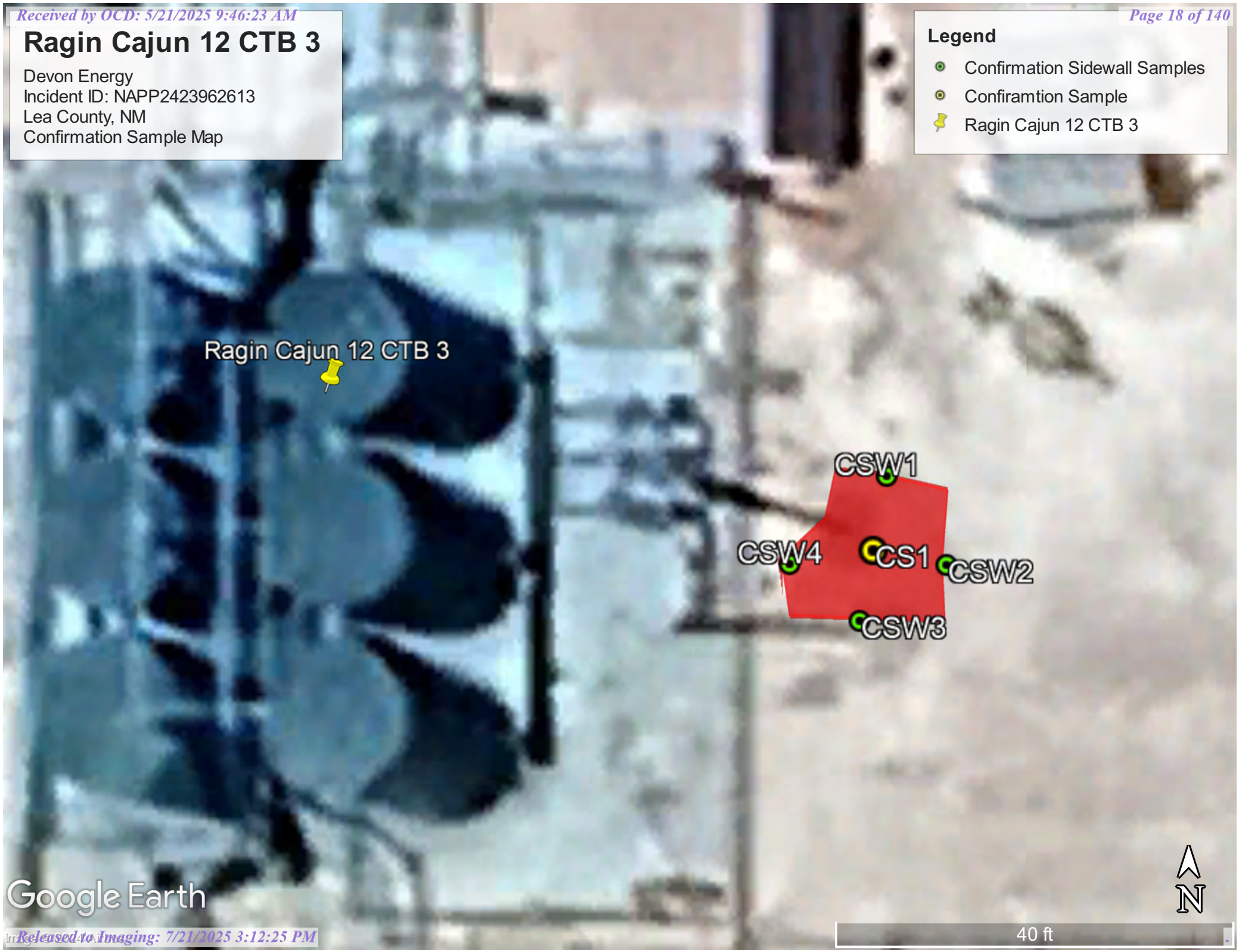
Legend

- 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
Confirmation Sample Map



APPENDIX A

OSE Water Survey

USGS Water Survey

Surface Water Map

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 04601 POD1	SW	SE	SW	05	26S	35E	651709.8	3548919.7	

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

Driller License:	1249	**Driller Company:**	ATKINS ENGINEERING ASSOC. INC.	
Driller Name:	JACKIE ATKINS			
Drill Start Date:	2022-03-31	**Drill Finish Date:**	2022-03-31	**Plug Date:**
Log File Date:	2022-04-08	**PCW Rcv Date:**		**Source:**
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**
Casing Size:		**Depth Well:**		**Depth Water:**

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER
ROSWELL

Mike A. Hamman, P.E.
State Engineer

DISTRICT II
1900 West Second St.
Roswell, New Mexico 88201
Phone: (575) 622-6521
Fax: (575) 623-8559

March 3, 2022

Marathon Oil
4111 S. Tidwell Road
Carlsbad, NM 88220

RE: Well Plugging Plan of Operations for **C-4601-POD1**

Greetings:
Enclosed is your copy of the Well Plugging Plan of Operations for the above referenced project. The proposed method of operation is found to be acceptable and in accordance with the Rules and Regulations Governing Well Driller Licensing; Construction, Repair and Plugging of Wells 19.27.4 NMAC adopted June 30, 2017 by the State Engineer.

(1) Plugging operations shall also be conducted in accordance with NMED, NMOCD, or other State or Federal agencies having oversight for the above described project.
(2) Well that encounters water - No more than 6.0 gallons water per 94 lb. sack of neat cement slurry.
(3) Dry hole – Drill cuttings or clean native fill up to 10 feet of land surface. Hydrated bentonite- Fresh water to be added above water column at rate of 5 gallons per 50-lb sack/bucket.
(4) Any deviation from this plan must obtain an approved variance from this office prior to implementation.

Within 30 days after the well is plugged, the well driller is required to file a complete plugging record with the OSE and the permit holder.

Sincerely,

K. Parekh

Kashyap Parekh
Water Resources Manager I

WELL PLUGGING PLAN OF OPERATIONS

NOTE: A Well Plugging Plan of Operations shall be filed with and accepted by the Office of the State Engineer prior to plugging. This form may be used to plug a single well, or if you are plugging multiple monitoring wells on the same site using the same plugging methodology.

Alert! Your well may be eligible to participate in the Aquifer Mapping Program (AMP)-NM Bureau of Geology geoinfo.nmt.edu/resources/water/cgmn/ if within an area of interest and meets the minimum construction requirements, such as there is still water in your well, and the well construction reflected in a well record and log is not compromised, contact AMP at 575-835-5038 or -6951, or by email nmbg-waterlevels@nmt.edu, prior to completing this prior form. Showing proof to the OSE that your well was accepted in this program, may delay the plugging of your well until a later date.

I. FILING FEE: There is no filing fee for this form.

II. GENERAL / WELL OWNERSHIP: ☐ Check here if proposing one plan for multiple monitoring wells on the same site and attaching WD-08m

Existing Office of the State Engineer POD Number (Well Number) for well to be plugged: C- 4604 (POD-1)

Name of well owner: Marathon Oil

Mailing address: 4111 S Tidwell Rd. County: Eddy

City: Carlsbad State: NM Zip code: 88220

Phone number: 575-988-8753 E-mail: msanjari@marathonoil.com

III. WELL DRILLER INFORMATION:

Well Driller contracted to provide plugging services: Jackie D. Atkins (Atkins Engineering Associates)

New Mexico Well Driller License No.: 1249 Expiration Date: 04/30/2023

IV. WELL INFORMATION: ☐ **Check here if this plan describes method for plugging multiple monitoring wells on the same site and attach supplemental form WD-08m and skip to #2 in this section.**

Note: A copy of the existing Well Record for the well(s) to be plugged should be attached to this plan.

1) GPS Well Location: Latitude: 32 deg, 3 min, 58.85 sec
Longitude: 103 deg, 23 min, 34.01 sec, NAD 83

2) Reason(s) for plugging well(s):

Soil boring to determine groundwater level

3) Was well used for any type of monitoring program? NO If yes, please use section VII of this form to detail what hydrogeologic parameters were monitored. If the well was used to monitor contaminated or poor quality water, authorization from the New Mexico Environment Department may be required prior to plugging.

4) Does the well tap brackish, saline, or otherwise poor quality water? N/A If yes, provide additional detail, including analytical results and/or laboratory report(s):

5) Static water level: Unknown feet below land surface / feet above land surface (circle one)

6) Depth of the well: 110 feet

7) Inside diameter of innermost casing: 2" inches.

8) Casing material: Temporary PVC SCH 40

9) The well was constructed with:

☐ an open-hole production interval, state the open interval: _____

☐ a well screen or perforated pipe, state the screened interval(s): _____

10) What annular interval surrounding the artesian casing of this well is cement-grouted? N/A

11) Was the well built with surface casing? NO If yes, is the annulus surrounding the surface casing grouted or otherwise sealed? _____ If yes, please describe:

12) Has all pumping equipment and associated piping been removed from the well? N/A If not, describe remaining equipment and intentions to remove prior to plugging in Section VII of this form.

V. DESCRIPTION OF PLANNED WELL PLUGGING:

☐ **If plugging method differs between multiple wells on same site, a separate form must be completed for each method.**

Note: If this plan proposes to plug an artesian well in a way other than with cement grout, placed bottom to top with a tremie pipe, a detailed diagram of the well showing proposed final plugged configuration shall be attached, as well as any additional technical information, such as geophysical logs, that are necessary to adequately describe the proposal. Attach a copy of any signed OSE variance to this plugging plan.

Also, if this planned plugging plan requires a variance to 19.27.4 NMAC, attach a detailed variance request signed by the applicant.

1) Describe the method by which cement grout shall be placed in the well, or describe requested plugging methodology proposed for the well:

The temporary 2" well material will be removed. IF water is encountered, Tremied from bottom to land Neat Cement in lifts. If no water is encountered then drill cuttings will be used to (10) ten feet of land surface and plugged to surface using hydrated bentonite.

2) Will well head be cut-off below land surface after plugging? N/A

VI. PLUGGING AND SEALING MATERIALS:

Note: The plugging of a well that taps poor quality water may require the use of a specialty cement or specialty sealant. Attach a copy of the batch mix recipe from the cement company and/or product description for specialty cement mixes or any sealant that deviates from the list of OSE approved sealants.

1) For plugging intervals that employ cement grout, complete and attach Table A.

2) For plugging intervals that will employ approved non-cement based sealant(s), complete and attach Table B.

3) Theoretical volume of grout required to plug the well to land surface: 175

4) Type of Cement proposed: Type I/II Neat Cement

5) Proposed cement grout mix: <6.0 gallons of water per 94 pound sack of Portland cement.

6) Will the grout be: _____ batch-mixed and delivered to the site

X mixed on site

7) Grout additives requested, and percent by dry weight relative to cement:

N/A

8) Additional notes and calculations:

N/A

VII. ADDITIONAL INFORMATION: List additional information below, or on separate sheet(s):

The temporary well material will be removed. If no water is encountered then drill cuttings will be used to (10) ten feet of land surface and plugged using hydrated bentonite. If ground water is encountered the boring will be plugged tremie from bottom to a slurry of Portland TYPE I/II Neat cement in lifts. A 6.5" borehole will be plugged.

VIII. SIGNATURE:

I, Melodie Sanjari, say that I have carefully read the foregoing Well Plugging Plan of Operations and any attachments, which are a part hereof; that I am familiar with the rules and regulations of the State Engineer pertaining to the plugging of wells and will comply with them, and that each and all of the statements in the Well Plugging Plan of Operations and attachments are true to the best of my knowledge and belief.

Melodie Sanjari — Signature of Applicant

2/28/2022 — Date

IX. ACTION OF THE STATE ENGINEER:

This Well Plugging Plan of Operations is:

X Approved subject to the attached conditions.

_____ Not approved for the reasons provided on the attached letter.

Witness my hand and official seal this 3rd day of March, 2022

Mike A. Hamman

~~John R. D'Antonio Jr.~~ P.E., New Mexico State Engineer

By: K. Parekh

KASHYAP PAREKH

W.R.M. I

TABLE A - For plugging intervals that employ cement grout. Start with deepest interval.

	Interval 1 – deepest	Interval 2	Interval 3 – most shallow
			Note: if the well is non-artesian and breaches only one aquifer, use only this column.
Top of proposed interval of grout placement (ft bgl)	N/A	N/A	N/A
Bottom of proposed interval of grout placement (ft bgl)	N/A	N/A	110
Theoretical volume of grout required per interval (gallons)	N/A	N/A	175
Proposed cement grout mix gallons of water per 94-lb. sack of Portland cement	N/A	N/A	<6.0
Mixed on-site or batch-mixed and delivered?	N/A	N/A	On-Site
Grout additive 1 requested	N/A	N/A	N/A
Additive 1 percent by dry weight relative to cement	N/A	N/A	N/A
Grout additive 2 requested	N/A	N/A	N/A
Additive 2 percent by dry weight relative to cement	N/A	N/A	N/A

TABLE B - For plugging intervals that will employ approved non-cement based sealant(s). Start with deepest interval.

	Interval 1 – deepest	Interval 2	Interval 3 – most shallow
			Note: if the well is non-artesian and breaches only one aquifer, use only this column.
Top of proposed interval of sealant placement (ft bgl)	N/A	N/A	0
Bottom of proposed sealant of grout placement (ft bgl)	N/A	N/A	10
Theoretical volume of sealant required per interval (gallons)	N/A	N/A	15
Proposed abandonment sealant (manufacturer and trade name)	N/A	N/A	Bariod Hole Plug

RAGIN CAJUN 12 CTB 3

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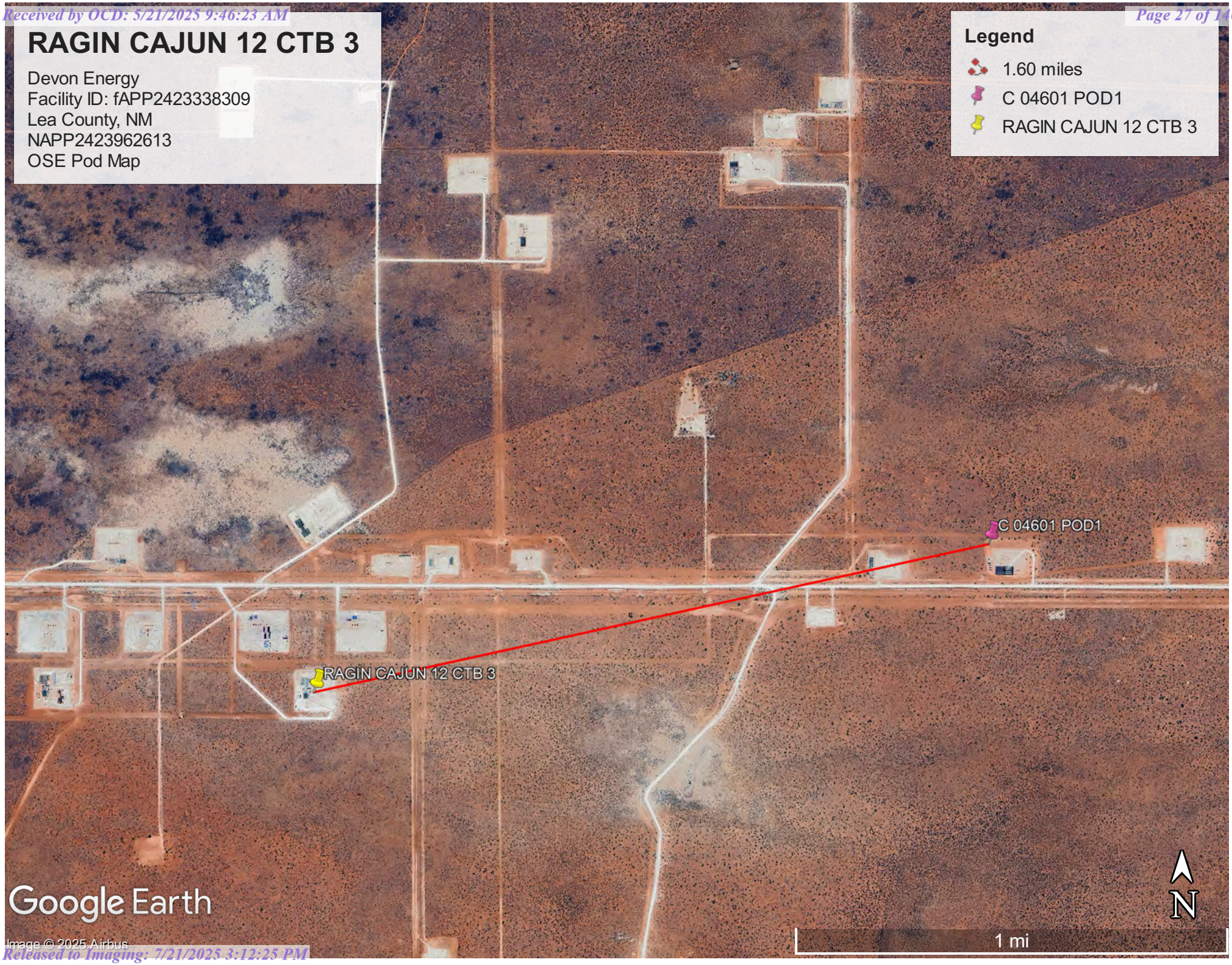
OSE Pod Map



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 =

- 320108103191301

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

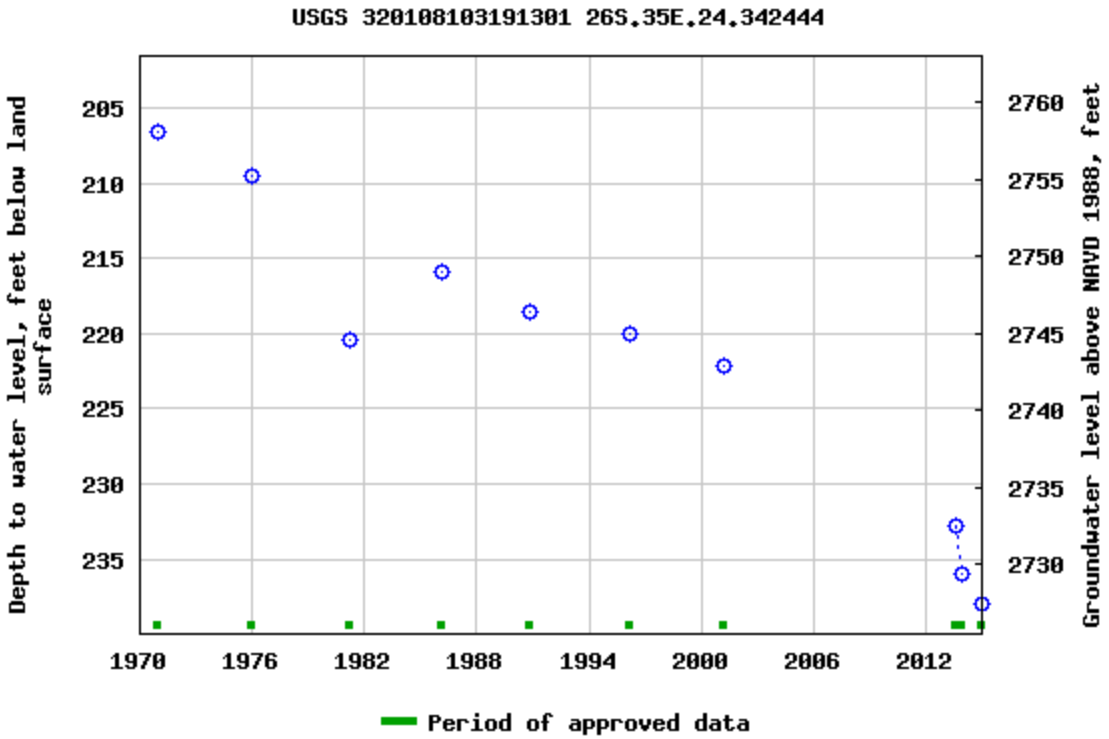
USGS 320108103191301 26S.35E.24.342444

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

Lea County, New Mexico
Hydrologic Unit Code 13070007
Latitude 32°01'08", Longitude 103°19'13" NAD27
Land-surface elevation 2,965 feet above NAVD88
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

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



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

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

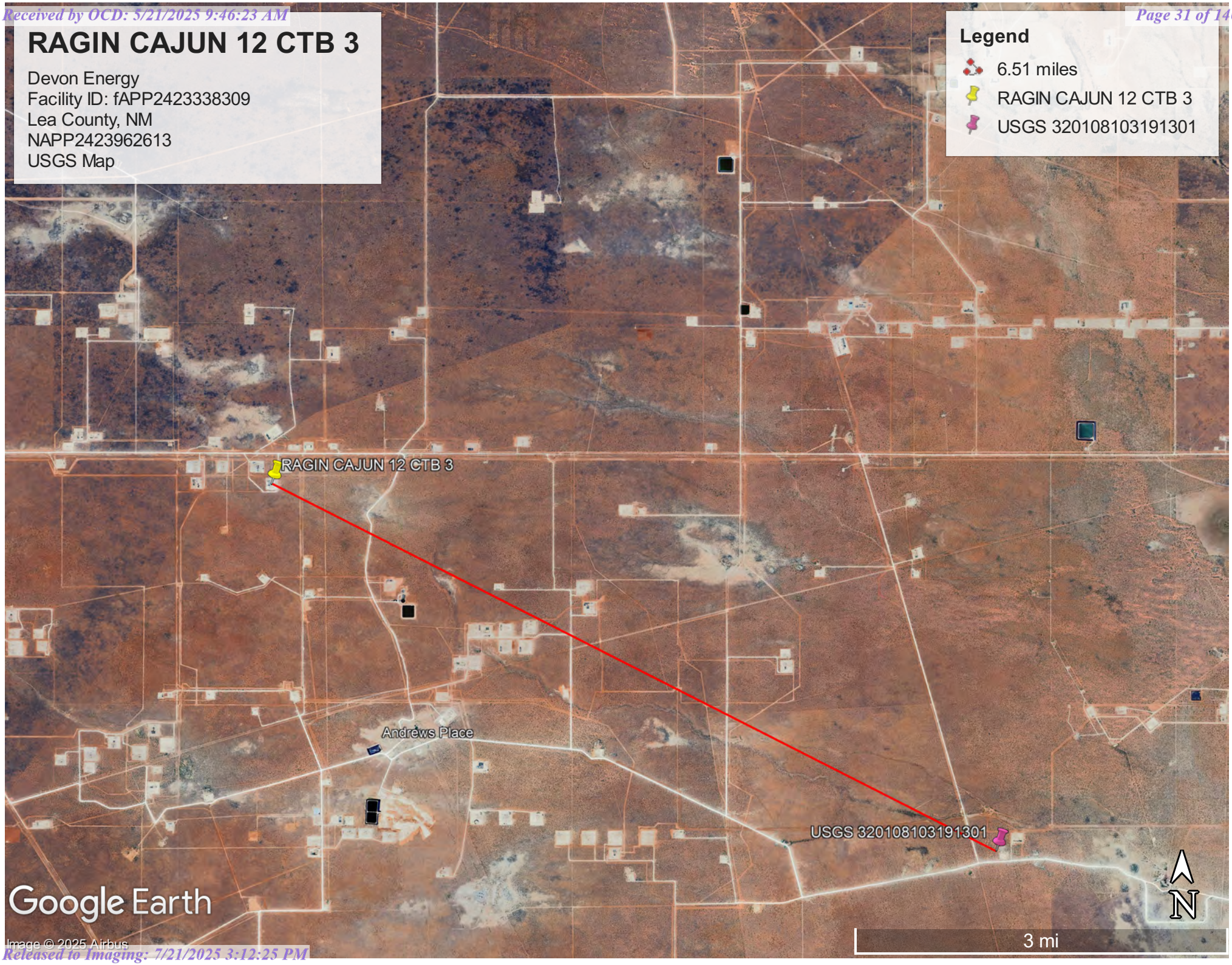
U.S. Department of the Interior | U.S. Geological Survey

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

Page Contact Information: USGS Water Data Support Team
Page Last Modified: 2025-05-19 12:13:44 EDT
0.64 0.44 nadww01

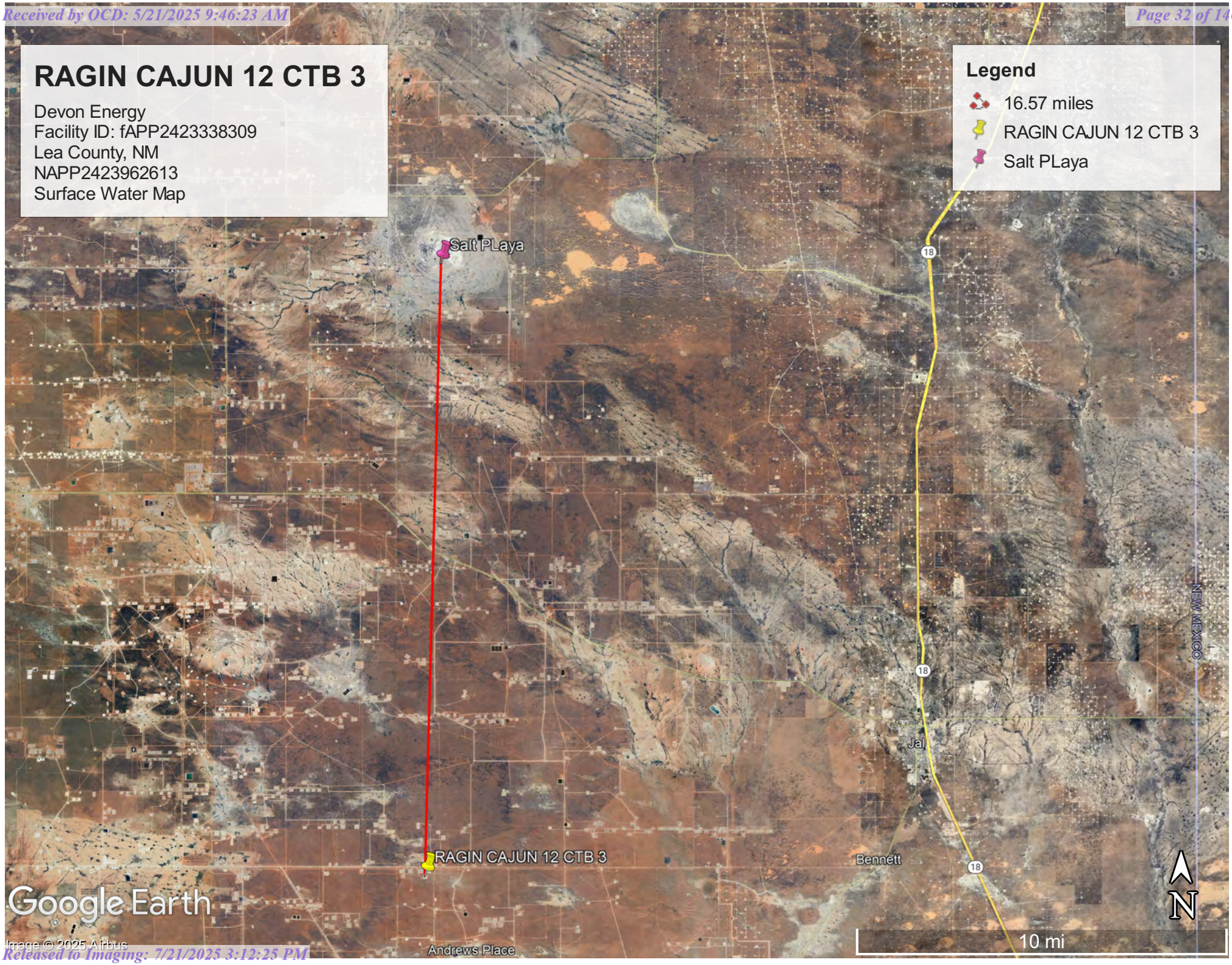
RAGIN CAJUN 12 CTB 3

Devon Energy
Facility ID: fAPP2423338309
Lea County, NM
NAPP2423962613
USGS Map



RAGIN CAJUN 12 CTB 3

Devon Energy
Facility ID: fAPP2423338309
Lea County, NM
NAPP2423962613
Surface Water Map



APPENDIX B

Soil Survey & Geological Data

Geologic Unit Map

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

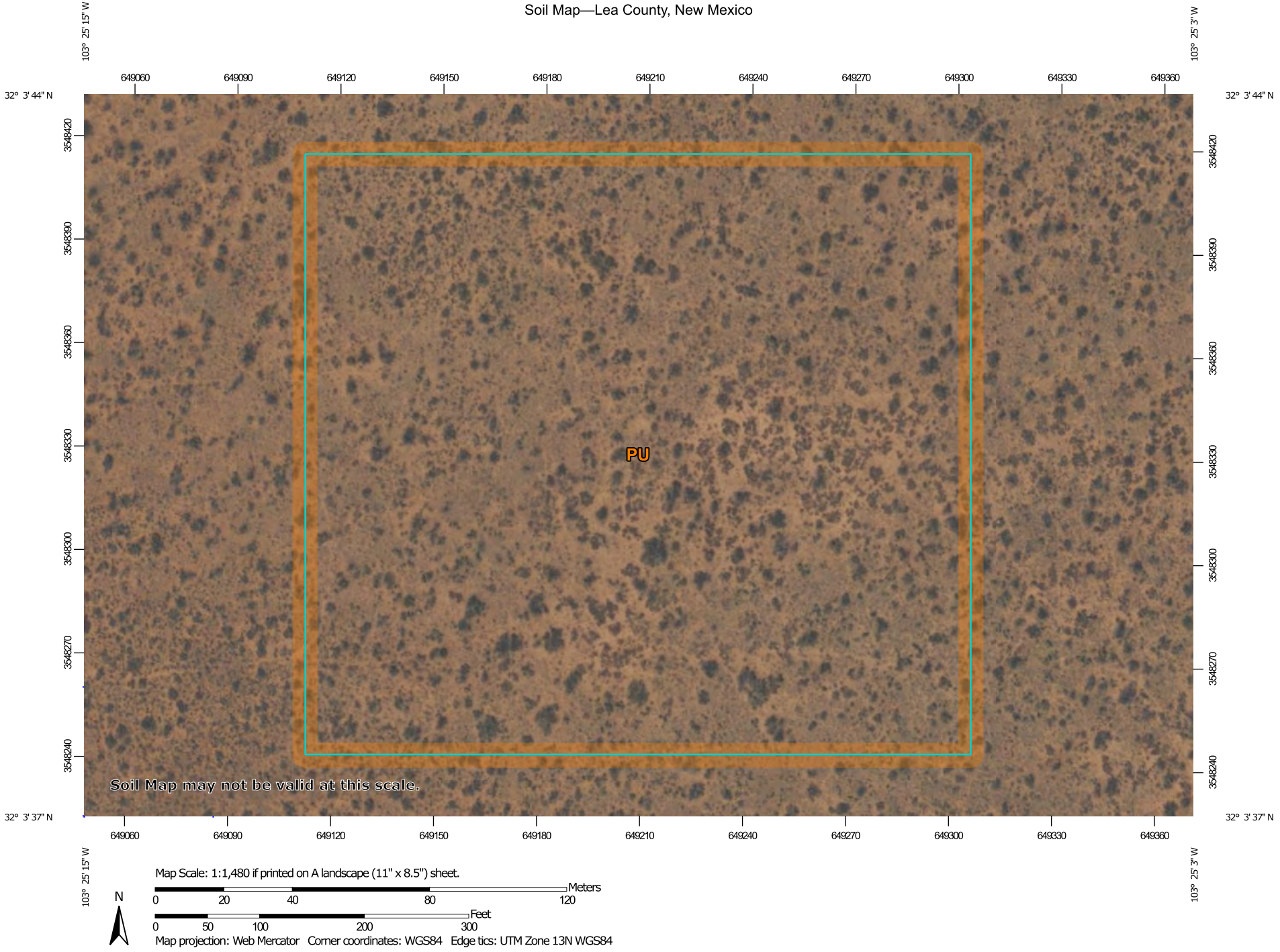
Percent of map unit: 10 percent
Ecological site: R070BC022NM - Sandhills

Hydric soil rating: No

Data Source Information

Soil Survey Area: Lea County, New Mexico
Survey Area Data: Version 21, Sep 3, 2024

Soil Map—Lea County, New Mexico



Map Scale: 1:1,480 if printed on A landscape (11" x 8.5") sheet.

N

Meters: 0 20 40 80 120

Feet: 0 50 100 200 300

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

MAP LEGEND

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

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

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

Water Features
- Streams and Canals

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

Background
- Aerial Photography

MAP INFORMATION

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

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

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

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

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

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

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

Soil Survey Area: Lea County, New Mexico
Survey Area Data: Version 21, Sep 3, 2024

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	8.4	100.0%
Totals for Area of Interest		**8.4**	**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)

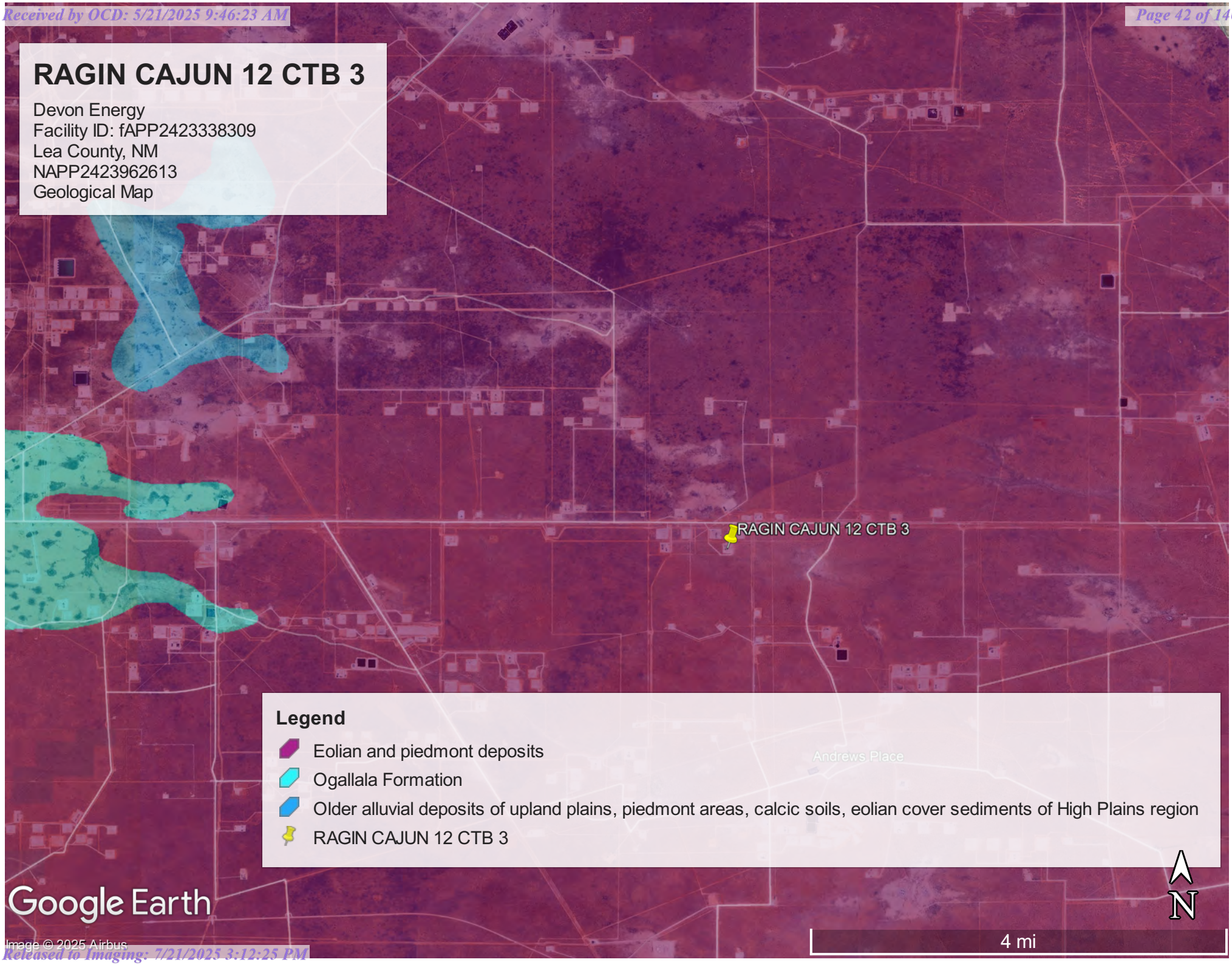
Shapefile (/geology/state/unit-shape.php?unit=NMQep;0)

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

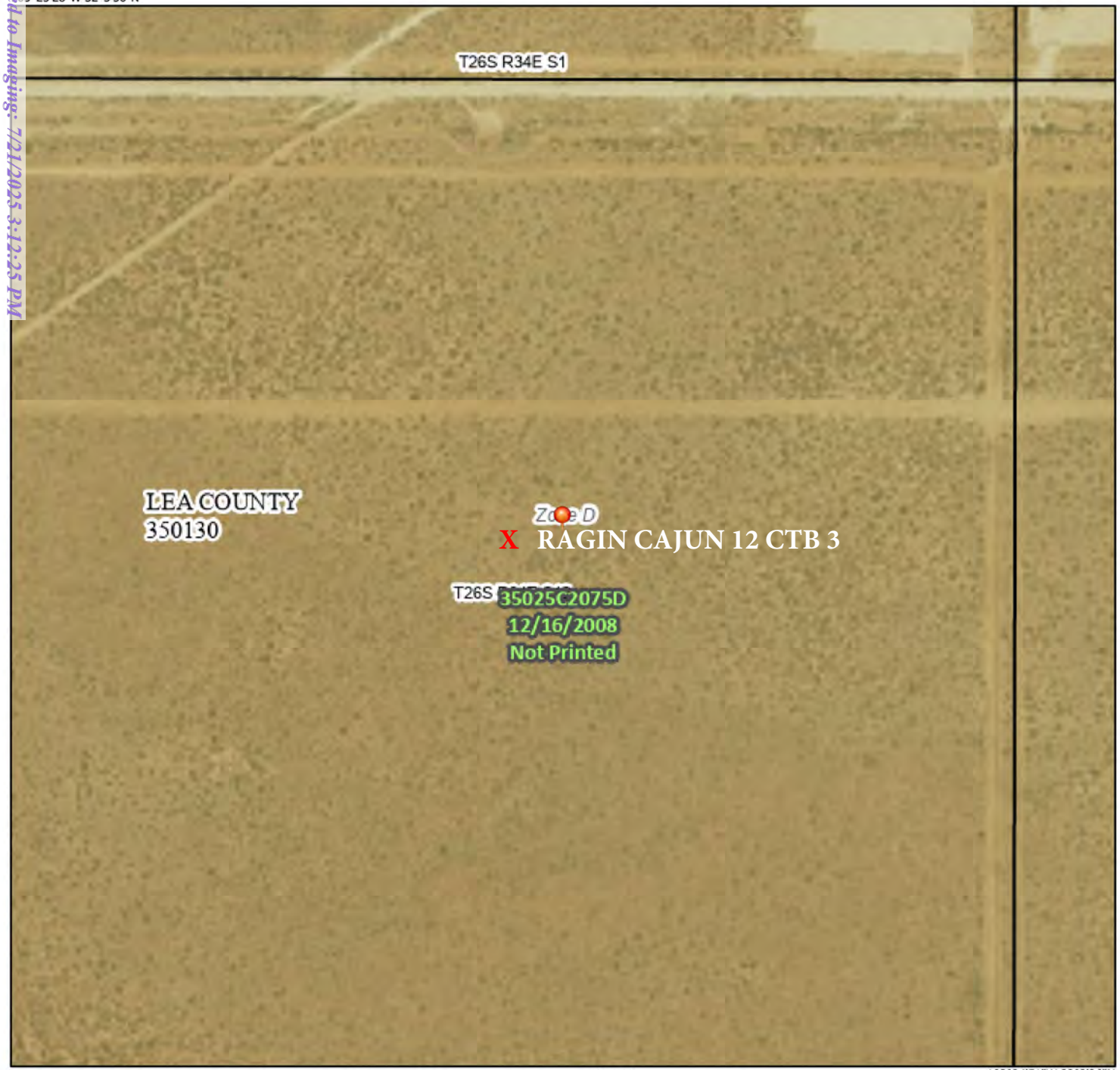
Devon Energy
Facility ID: fAPP2423338309
Lea County, NM
NAPP2423962613
Geological Map



National Flood Hazard Layer FIRMette

FEMA

103°25'28"W 32°3'56"N



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

1:6,000

103°24'51"W 32°3'26"N

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
- s of 1% annual chance flood with avera
- depth less than one foot or with drain
- e 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
- 513 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 5/19/2025 at 3:57 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

May 19, 2025

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

Liner Inspection Form

Photographic Documentation

Pima Environmental Services, LLC

Liner Inspection Form

Company Name: Devon Energy

Site: Ragin Cajun 12 CTB 3

Lat/Long: 32.0614366, -103.419365

NMOCD Incident ID & Incident Date: NAPP2423962613 8/26/2024

2-Day Notification Sent: Submitted on OCD portal 9/9/2024 application ID: 381653.

Inspection Date: 9/11/2024

Liner Type: Earthen w/liner | Earthen no liner | Polystar | Steel w/poly liner | Steel w/spray epoxy | No Liner

Other: _____

Visualization	Yes	No	Comments
Is there a tear in the liner?		X	
Are there holes in the liner?		X	
Is the liner retaining any fluids?	X		Fluid from power washing the Liner
Does the liner have integrity to contain a leak?	X		

Comments: _____

Inspector Name: Andrew Franco Inspector Signature: Andrew Franco

Pima Environmental Services, LLC.

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.

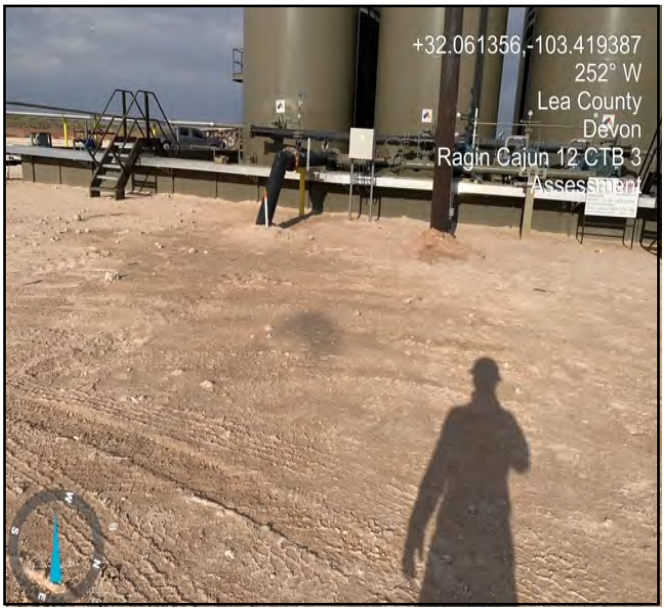


Photo taken during assessment, taken facing Southwest.

Photo taken during assessment, taken facing Northwest.

Photo taken during assessment, taken facing Northwest.

Pima Environmental Services, LLC.

PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Ragin Cajun12 CTB 3

Pre-Excavation:

Photo taken prior to excavation, taken facing Southwest.

Photo taken prior to excavation, taken facing Northwest.

Photo taken prior to excavation, taken facing South

Photo taken prior to excavation, taken facing North.

Pima Environmental Services, LLC.

PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Ragin Cajun12 CTB 3

Excavation:

Pictures taken during excavation, Facing Northeast.

Pictures taken during excavation, Facing Northwest.

Pictures taken during excavation, Facing East.

Pictures taken during excavation, Facing Southwest.

Pima Environmental Services, LLC.

PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Ragin Cajun12 CTB 3

Post- Excavation:

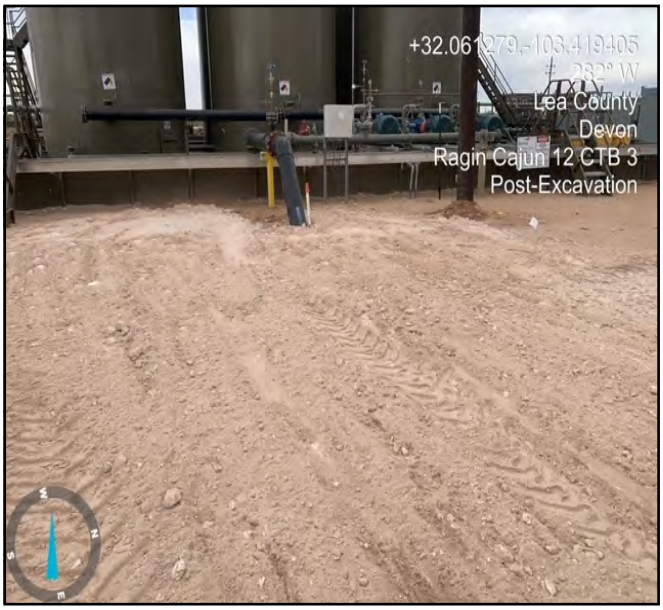


Photo taken pursuant to excavation, taken facing West.

Photo taken pursuant to excavation, taken facing North

Photo taken pursuant to excavation, taken facing Southwest.

PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Ragin Cajun12 CTB 3

Intial Liner Inspection:

Photo of liner taken prior to power washing. Facing Northeast.

Photo of liner taken prior to power washing. Facing North.

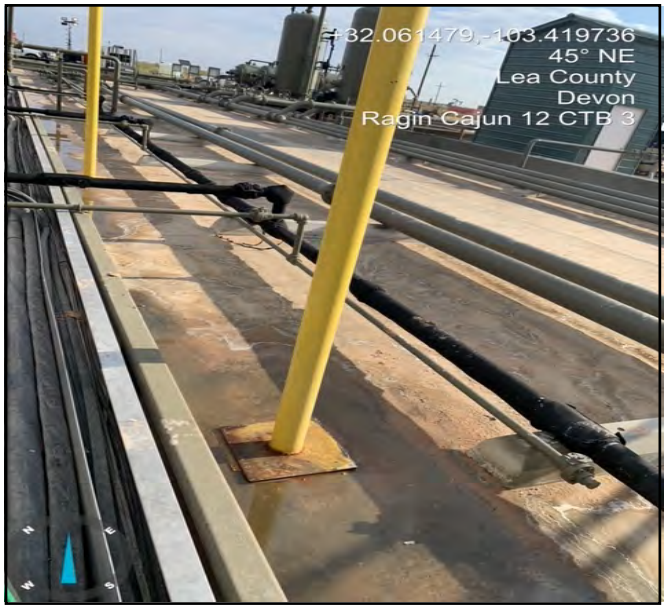


Photo of liner taken prior to power washing. Facing Northeast.

PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Ragin Cajun12 CTB 3

Liner Inspection:

Photo taken pursuant to power washing.

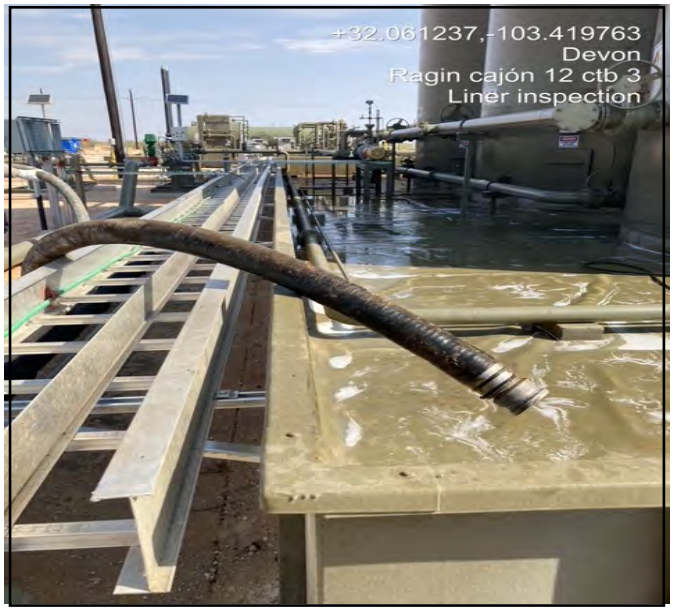


Photo taken pursuant to power washing.

Photo taken pursuant to power washing.

Photo taken pursuant to power washing.

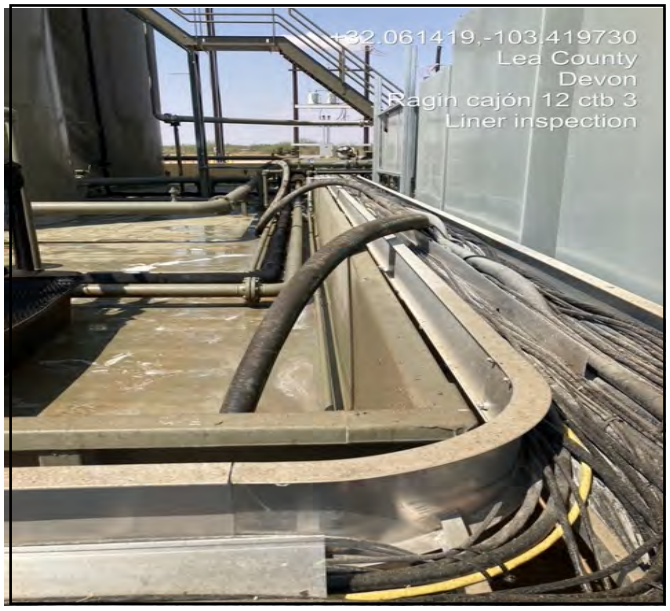


Photo taken pursuant to power washing.

Photo taken pursuant to power washing.

Photo taken pursuant to power washing.

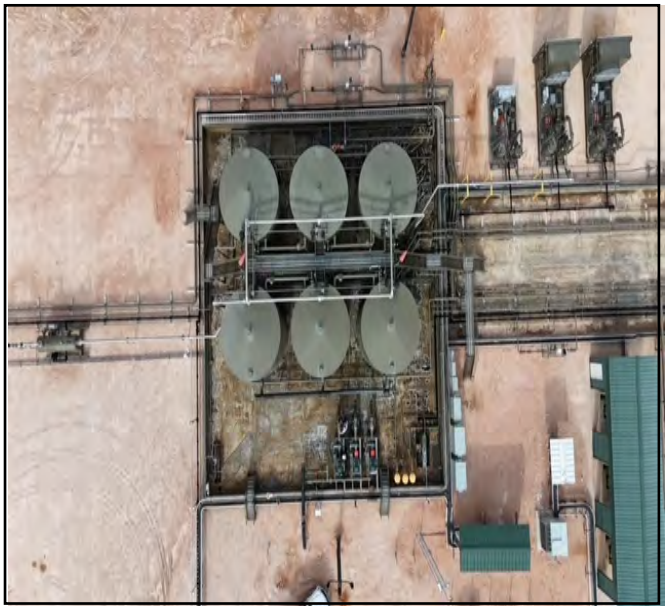
Photo taken pursuant to power washing.

PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Ragin Cajun12 CTB 3

Aerial Photos:

Aerial photo of liner.



Aerial photo of liner.

Aerial photo of liner.

Aerial photo of liner.

Aerial photo of liner.

Aerial photo of liner.

Aerial photo of liner.

Aerial photo of liner.

APPENDIX D

Laboratory Results

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:

Southern New Mexico Area

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

Michelle Gonzales
Client Representative
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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	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
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
Project: Ragin Cajun 12 CTB 3
Project Manager: Gio Gomez
Address: 5614 N. Lovington Hwy.
City, State, Zip Hobbs, NM, 88240
Phone: 806-782-1151
Email: gio@pimaoil.com
Report due by:

Bill To
Attention: DeVon
Address:
City, State, Zip
Phone:
Email:
Pima Project # 375

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX			Remarks
8:27	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									

Analysis and Method: BGDOC NM, BGDOC TX

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:

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Karine 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	Murphy R Hill	9.3.24	0500

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

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

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

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

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

envirotech

Project Information | Chain of Custody | Page 3 of 3

Client: Pima Environmental Services	Bill To
Project: 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		SS-2'	21							X		
11:25				SS-3'	22									
11:34				SS-4'	23									
11:46				SW8	24									
11:59				SW9	25									
12:03				SW10	26									
12:20				SW11	27									
12:27				BG1	28									
					2 - (CH)									

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	1800
	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.

envirotech

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.

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:	E410384
Job Number:	01058-0007
Received:	11/1/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/4/24

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: 11/4/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247

Project Name: Ragin Cajun 12 CTB 3
Workorder: E410384
Date Received: 11/1/2024 7:00:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/1/2024 7:00:00AM, 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
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Cell: 775-287-1762
whinchman@envirotech-inc.com

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Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Ragin Cajun 12 CTB 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/04/24 10:56

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS1-1'	E410384-01A	Soil	10/31/24	11/01/24	Glass Jar, 2 oz.
CSW1	E410384-02A	Soil	10/31/24	11/01/24	Glass Jar, 2 oz.
CSW2	E410384-03A	Soil	10/31/24	11/01/24	Glass Jar, 2 oz.
CSW3	E410384-04A	Soil	10/31/24	11/01/24	Glass Jar, 2 oz.
CSW4	E410384-05A	Soil	10/31/24	11/01/24	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	11/4/2024 10:56:15AM

CS1-1'

E410384-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2444142
Benzene	ND	0.0250	1	11/01/24	11/01/24	
Ethylbenzene	ND	0.0250	1	11/01/24	11/01/24	
Toluene	ND	0.0250	1	11/01/24	11/01/24	
o-Xylene	ND	0.0250	1	11/01/24	11/01/24	
p,m-Xylene	ND	0.0500	1	11/01/24	11/01/24	
Total Xylenes	ND	0.0250	1	11/01/24	11/01/24	
Surrogate: 4-Bromochlorobenzene-PID		*90.7 %*	*70-130*	*11/01/24*	*11/01/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2444142
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/01/24	11/01/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.6 %*	*70-130*	*11/01/24*	*11/01/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2444144
Diesel Range Organics (C10-C28)	ND	25.0	1	11/01/24	11/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/01/24	11/01/24	
Surrogate: n-Nonane		*99.7 %*	*50-200*	*11/01/24*	*11/01/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444149
Chloride	**23.6**	20.0	1	11/01/24	11/01/24	

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	11/4/2024 10:56:15AM

CSW1

E410384-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2444142
Benzene	ND	0.0250	1	11/01/24	11/01/24	
Ethylbenzene	ND	0.0250	1	11/01/24	11/01/24	
Toluene	ND	0.0250	1	11/01/24	11/01/24	
o-Xylene	ND	0.0250	1	11/01/24	11/01/24	
p,m-Xylene	ND	0.0500	1	11/01/24	11/01/24	
Total Xylenes	ND	0.0250	1	11/01/24	11/01/24	
Surrogate: 4-Bromochlorobenzene-PID		*90.3 %*	*70-130*	*11/01/24*	*11/01/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2444142
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/01/24	11/01/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.1 %*	*70-130*	*11/01/24*	*11/01/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2444144
Diesel Range Organics (C10-C28)	ND	25.0	1	11/01/24	11/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/01/24	11/01/24	
Surrogate: n-Nonane		*97.8 %*	*50-200*	*11/01/24*	*11/01/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444149
Chloride	ND	20.0	1	11/01/24	11/01/24	

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	11/4/2024 10:56:15AM

CSW2

E410384-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2444142
Benzene	ND	0.0250	1	11/01/24	11/01/24	
Ethylbenzene	ND	0.0250	1	11/01/24	11/01/24	
Toluene	ND	0.0250	1	11/01/24	11/01/24	
o-Xylene	ND	0.0250	1	11/01/24	11/01/24	
p,m-Xylene	ND	0.0500	1	11/01/24	11/01/24	
Total Xylenes	ND	0.0250	1	11/01/24	11/01/24	
Surrogate: 4-Bromochlorobenzene-PID		*90.5 %*	*70-130*	*11/01/24*	*11/01/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2444142
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/01/24	11/01/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.9 %*	*70-130*	*11/01/24*	*11/01/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2444144
Diesel Range Organics (C10-C28)	ND	25.0	1	11/01/24	11/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/01/24	11/01/24	
Surrogate: n-Nonane		*103 %*	*50-200*	*11/01/24*	*11/01/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444149
Chloride	ND	20.0	1	11/01/24	11/01/24	

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	11/4/2024 10:56:15AM

CSW3

E410384-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2444142
Benzene	ND	0.0250	1	11/01/24	11/01/24	
Ethylbenzene	ND	0.0250	1	11/01/24	11/01/24	
Toluene	ND	0.0250	1	11/01/24	11/01/24	
o-Xylene	ND	0.0250	1	11/01/24	11/01/24	
p,m-Xylene	ND	0.0500	1	11/01/24	11/01/24	
Total Xylenes	ND	0.0250	1	11/01/24	11/01/24	
Surrogate: 4-Bromochlorobenzene-PID		*89.9 %*	*70-130*	*11/01/24*	*11/01/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2444142
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/01/24	11/01/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.2 %*	*70-130*	*11/01/24*	*11/01/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2444144
Diesel Range Organics (C10-C28)	ND	25.0	1	11/01/24	11/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/01/24	11/01/24	
Surrogate: n-Nonane		*107 %*	*50-200*	*11/01/24*	*11/01/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444149
Chloride	ND	20.0	1	11/01/24	11/01/24	

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	11/4/2024 10:56:15AM

CSW4

E410384-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2444142
Benzene	ND	0.0250	1	11/01/24	11/01/24	
Ethylbenzene	ND	0.0250	1	11/01/24	11/01/24	
Toluene	ND	0.0250	1	11/01/24	11/01/24	
o-Xylene	ND	0.0250	1	11/01/24	11/01/24	
p,m-Xylene	ND	0.0500	1	11/01/24	11/01/24	
Total Xylenes	ND	0.0250	1	11/01/24	11/01/24	
Surrogate: 4-Bromochlorobenzene-PID		*88.8 %*	*70-130*	*11/01/24*	*11/01/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2444142
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/01/24	11/01/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.1 %*	*70-130*	*11/01/24*	*11/01/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2444144
Diesel Range Organics (C10-C28)	ND	25.0	1	11/01/24	11/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/01/24	11/01/24	
Surrogate: n-Nonane		*101 %*	*50-200*	*11/01/24*	*11/01/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2444149
Chloride	ND	20.0	1	11/01/24	11/01/24	

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	11/4/2024 10:56:15AM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2444142-BLK1)									Prepared: 11/01/24 Analyzed: 11/01/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.17*		*8.00*		*89.6*	*70-130*			
LCS (2444142-BS1)									Prepared: 11/01/24 Analyzed: 11/01/24
Benzene	5.02	0.0250	5.00		100	70-130			
Ethylbenzene	4.90	0.0250	5.00		98.0	70-130			
Toluene	4.99	0.0250	5.00		99.8	70-130			
o-Xylene	4.90	0.0250	5.00		97.9	70-130			
p,m-Xylene	9.93	0.0500	10.0		99.3	70-130			
Total Xylenes	14.8	0.0250	15.0		98.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.28*		*8.00*		*91.0*	*70-130*			
LCS Dup (2444142-BSD1)									Prepared: 11/01/24 Analyzed: 11/01/24
Benzene	4.90	0.0250	5.00		98.0	70-130	2.44	20	
Ethylbenzene	4.78	0.0250	5.00		95.7	70-130	2.39	20	
Toluene	4.87	0.0250	5.00		97.5	70-130	2.32	20	
o-Xylene	4.77	0.0250	5.00		95.5	70-130	2.51	20	
p,m-Xylene	9.71	0.0500	10.0		97.1	70-130	2.27	20	
Total Xylenes	14.5	0.0250	15.0		96.6	70-130	2.35	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.23*		*8.00*		*90.3*	*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	11/4/2024 10:56:15AM

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 (2444142-BLK1)									Prepared: 11/01/24 Analyzed: 11/01/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.50*		*8.00*		*93.7*	*70-130*			
LCS (2444142-BS2)									Prepared: 11/01/24 Analyzed: 11/01/24
Gasoline Range Organics (C6-C10)	39.4	20.0	50.0		78.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.54*		*8.00*		*94.2*	*70-130*			
LCS Dup (2444142-BSD2)									Prepared: 11/01/24 Analyzed: 11/01/24
Gasoline Range Organics (C6-C10)	41.0	20.0	50.0		81.9	70-130	3.79	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.50*		*8.00*		*93.7*	*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	11/4/2024 10:56:15AM

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 (2444144-BLK1)									Prepared: 11/01/24 Analyzed: 11/01/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*49.9*		*50.0*		*99.8*	*50-200*			
LCS (2444144-BS1)									Prepared: 11/01/24 Analyzed: 11/01/24
Diesel Range Organics (C10-C28)	269	25.0	250		107	38-132			
Surrogate: n-Nonane	*54.3*		*50.0*		*109*	*50-200*			
LCS Dup (2444144-BSD1)									Prepared: 11/01/24 Analyzed: 11/01/24
Diesel Range Organics (C10-C28)	274	25.0	250		110	38-132	2.10	20	
Surrogate: n-Nonane	*54.1*		*50.0*		*108*	*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	11/4/2024 10:56:15AM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2444149-BLK1)									Prepared: 11/01/24 Analyzed: 11/01/24
Chloride	ND	20.0							
LCS (2444149-BS1)									Prepared: 11/01/24 Analyzed: 11/01/24
Chloride	256	20.0	250		102	90-110			
LCS Dup (2444149-BSD1)									Prepared: 11/01/24 Analyzed: 11/01/24
Chloride	257	20.0	250		103	90-110	0.594	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	11/04/24 10:56

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

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

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

Project Information

Chain of Custody

Client: Pima Environmental Services
Project: Regin Colon 12 CTB 3
Project Manager: Gio Gomez
Address: 5614 N. Lovington Hwy.
City, State, Zip Hobbs, NM, 88240
Phone: 806-782-1151
Email: gio@pimaoil.com
Report due by:

Bill To
Attention: Devon
Address:
City, State, Zip
Phone:
Email:
Pima Project # 375

Lab Use Only
Lab WO# E410384
Job Number 10158.0007

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

EPA Program: CWA | SDWA | RCRA

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

Analysis and Method

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
9:38	10/31	S		CS1-1'	1							X		
9:42	"	"		CSW1	2							"		
9:56	"	"		CSW2	3							"		
9:59	"	"		CSW3	4							"		
10:11	"	"		CSW4	5							"		

Additional Instructions: BT# 21399/03

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	10/31/24	2:20	Michelle Gonzales	10.31.24	1420
Michelle Gonzales	10-31-24	1615		10.31.24	1700
	10.31.24	2400		11.1.24	7:00

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

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

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

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

envirotech

Envirotech Analytical Laboratory

Printed: 11/1/2024 8:11:44AM

Sample Receipt Checklist (SRC)

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	11/01/24 07:00	Work Order ID:	E410384
Phone:	(575) 631-6977	Date Logged In:	10/31/24 14:31	Logged In By:	Caitlin Mars
Email:	gio@pimaoil.com	Due Date:	11/01/24 17:00 (0 day TAT)		

Chain of Custody (COC)

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

No of containers and sampled by missing on COC.

Client Instruction

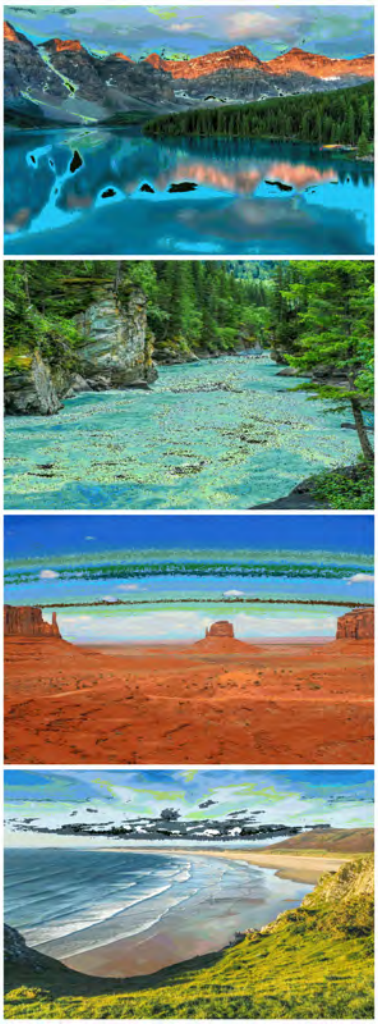
Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Lynsey Coons



5796 U.S. Hwy 64
Farmington, NM 87401

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

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Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Ragin Cajun 12 CTB 3
Work Order:	E505036
Job Number:	01058-0007
Received:	5/5/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/12/25

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: 5/12/25

Lynsey Coons
PO Box 247
Plains, TX 79355-0247

Project Name: Ragin Cajun 12 CTB 3
Workorder: E505036
Date Received: 5/5/2025 7:45:00AM

Lynsey Coons,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/5/2025 7:45:00AM, 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

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Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

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:	Lynsey Coons	05/12/25 10:41

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BACKFILL 1	E505036-01A	Soil	05/01/25	05/05/25	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:	Lynsey Coons	5/12/2025 10:41:07AM

BACKFILL 1

E505036-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2519019
Benzene	ND	0.0250	1	05/05/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/07/25	
Toluene	ND	0.0250	1	05/05/25	05/07/25	
o-Xylene	ND	0.0250	1	05/05/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/07/25	
Surrogate: 4-Bromochlorobenzene-PID		*98.6 %*	*70-130*	*05/05/25*	*05/07/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2519019
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*106 %*	*70-130*	*05/05/25*	*05/07/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2519042
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/07/25	
Surrogate: n-Nonane		*95.3 %*	*61-141*	*05/06/25*	*05/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2519030
Chloride	ND	20.0	1	05/05/25	05/06/25	

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:	Lynsey Coons	5/12/2025 10:41:07AM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2519019-BLK1)									Prepared: 05/05/25 Analyzed: 05/06/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.46*		*8.00*		*93.2*	*70-130*			
LCS (2519019-BS1)									Prepared: 05/05/25 Analyzed: 05/06/25
Benzene	3.87	0.0250	5.00		77.5	70-130			
Ethylbenzene	3.86	0.0250	5.00		77.2	70-130			
Toluene	3.89	0.0250	5.00		77.8	70-130			
o-Xylene	3.86	0.0250	5.00		77.3	70-130			
p,m-Xylene	7.74	0.0500	10.0		77.4	70-130			
Total Xylenes	11.6	0.0250	15.0		77.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.97*		*8.00*		*99.6*	*70-130*			
Matrix Spike (2519019-MS1)				**Source: E505032-04**					Prepared: 05/05/25 Analyzed: 05/06/25
Benzene	3.99	0.0250	5.00	ND	79.8	70-130			
Ethylbenzene	3.92	0.0250	5.00	ND	78.4	70-130			
Toluene	3.98	0.0250	5.00	ND	79.7	70-130			
o-Xylene	3.96	0.0250	5.00	ND	79.3	70-130			
p,m-Xylene	7.85	0.0500	10.0	ND	78.5	70-130			
Total Xylenes	11.8	0.0250	15.0	ND	78.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.94*		*8.00*		*99.2*	*70-130*			
Matrix Spike Dup (2519019-MSD1)				**Source: E505032-04**					Prepared: 05/05/25 Analyzed: 05/06/25
Benzene	4.42	0.0250	5.00	ND	88.3	70-130	10.1	27	
Ethylbenzene	4.39	0.0250	5.00	ND	87.9	70-130	11.4	26	
Toluene	4.44	0.0250	5.00	ND	88.7	70-130	10.7	20	
o-Xylene	4.41	0.0250	5.00	ND	88.1	70-130	10.6	25	
p,m-Xylene	8.80	0.0500	10.0	ND	88.0	70-130	11.5	23	
Total Xylenes	13.2	0.0250	15.0	ND	88.1	70-130	11.2	26	
Surrogate: 4-Bromochlorobenzene-PID	*7.91*		*8.00*		*98.9*	*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:	Lynsey Coons	5/12/2025 10:41:07AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2519019-BLK1)									Prepared: 05/05/25 Analyzed: 05/06/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.26*		*8.00*		*103*	*70-130*			
LCS (2519019-BS2)									Prepared: 05/05/25 Analyzed: 05/06/25
Gasoline Range Organics (C6-C10)	52.6	20.0	50.0		105	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.51*		*8.00*		*106*	*70-130*			
Matrix Spike (2519019-MS2)				**Source: E505032-04**					Prepared: 05/05/25 Analyzed: 05/06/25
Gasoline Range Organics (C6-C10)	54.7	20.0	50.0	ND	109	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.07*		*8.00*		*101*	*70-130*			
Matrix Spike Dup (2519019-MSD2)				**Source: E505032-04**					Prepared: 05/05/25 Analyzed: 05/06/25
Gasoline Range Organics (C6-C10)	50.6	20.0	50.0	ND	101	70-130	7.80	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.47*		*8.00*		*106*	*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:	Lynsey Coons	5/12/2025 10:41:07AM

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 (2519042-BLK1)									Prepared: 05/06/25 Analyzed: 05/06/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*47.1*		*50.0*		*94.1*	*61-141*			
LCS (2519042-BS1)									Prepared: 05/06/25 Analyzed: 05/06/25
Diesel Range Organics (C10-C28)	269	25.0	250		108	66-144			
Surrogate: n-Nonane	*48.0*		*50.0*		*96.0*	*61-141*			
Matrix Spike (2519042-MS1)				**Source: E505032-04**					Prepared: 05/06/25 Analyzed: 05/06/25
Diesel Range Organics (C10-C28)	256	25.0	250	ND	102	56-156			
Surrogate: n-Nonane	*46.4*		*50.0*		*92.9*	*61-141*			
Matrix Spike Dup (2519042-MSD1)				**Source: E505032-04**					Prepared: 05/06/25 Analyzed: 05/06/25
Diesel Range Organics (C10-C28)	260	25.0	250	ND	104	56-156	1.45	20	
Surrogate: n-Nonane	*47.6*		*50.0*		*95.1*	*61-141*			

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:	Lynsey Coons	5/12/2025 10:41:07AM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2519030-BLK1)									Prepared: 05/05/25 Analyzed: 05/06/25
Chloride	ND	20.0							
LCS (2519030-BS1)									Prepared: 05/05/25 Analyzed: 05/06/25
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2519030-MS1)				**Source: E505032-02**					Prepared: 05/05/25 Analyzed: 05/06/25
Chloride	303	20.0	250	46.3	103	80-120			
Matrix Spike Dup (2519030-MSD1)				**Source: E505032-02**					Prepared: 05/05/25 Analyzed: 05/06/25
Chloride	302	20.0	250	46.3	102	80-120	0.322	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:	Lynsey Coons	05/12/25 10:41

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.

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Pima Environmental Services, LLC	Company:	Lab WO# E505036	Job Number 01058-0007	1D 2D 3D Std: X	NM X CO UT TX
Project Name: Ragin Cajun 12 CTB 3	Address:			
Project Manager: Lynsey Coons	City, State, Zip:			
Address: 5614 North Lovington Hwy	Phone:			
City, State, Zip: Hobbs NM, 88260	Email:			
Phone: 575-318-7532	Miscellaneous: PROJECT# 1-375			
Email: Lynsey@pimaoil.com				

Sample Information							Analysis and Method										EPA Program		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filtered	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		SDWA	CWA	RCRA
																		Compliance	Y or N	
																		PWSID #		
12:57	5/1/2025	S		BACKFILL 1		1									X			4.1	Sample Temp	Remarks

Additional Instructions: 21399103

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

Sampled by: _____

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Andrew Franco	5/1/25	2:00	Lanme Hame	5/2/25	11:38
Lanme Hame	5/2/25	11:50	Michelle Gonzales	5-2-25	1410
Michelle Gonzales	5-2-25	1745	A.M.	5.2.25	1745
A.M.	5.2.25	2343	Cuth Ma	5.5.25	745
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

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

Lab Use Only

Received on ice: (Y) N

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

Envirotech Analytical Laboratory

Printed: 5/5/2025 10:04:34AM

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:	05/05/25 07:45	Work Order ID:	E505036
Phone:	(575) 631-6977	Date Logged In:	05/05/25 09:55	Logged In By:	Noe Soto
Email:	lynsey@pimaoil.com	Due Date:	05/12/25 17:00 (5 day TAT)		

Chain of Custody (COC)

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

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling	Yes	
13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.		

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

No. of containers and sampled by not provided on COC.

Client Instruction

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

Date

envirotech Inc.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS

Action 465453

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 465453
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2423962613**
Incident Name	**NAPP2423962613 RAGIN CAJUN 12 CTB 3 @ 0**
Incident Type	**Produced Water Release**
Incident Status	**Reclamation Report 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.

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1220 S. St Francis Dr.
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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 465453
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

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: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 11/19/2024

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QUESTIONS (continued)

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	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

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: 465453
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

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	No
OR is the **off-site** disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
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)

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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)

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	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**396945**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**10/31/2024**
What was the (estimated) number of samples that were to be gathered	**5**
What was the sampling surface area in square feet	**200**

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	**Yes**
Was this release entirely contained within a lined containment area	**No**
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	200
What was the total volume (cubic yards) remediated	7
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	200
What was the total volume (in cubic yards) reclaimed	7
Summarize any additional remediation activities not included by answers (above)	inspected for any pinholes or punctures or any evidence that the spilled fluids left containment

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

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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 11/19/2024

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QUESTIONS (continued)

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QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	200
What was the total volume of replacement material (in cubic yards) for this site	7
Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseeding commence(d)	01/01/2045
Summarize any additional reclamation activities not included by answers (above)	Initial Sampling was completed; Excavated to 1', collected confirmation sample. Collected backfill samples.
The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseeding plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 05/21/2025

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QUESTIONS (continued)

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QUESTIONS

Revegetation Report	
Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.	
Requesting a restoration complete approval with this submission	No
Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.	

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CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
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CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	The reclamation report has been approved pursuant to 19.15.29.13 E. NMAC. The acceptance of this 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; or if the location fails to revegetate properly. In addition, the OCD approval does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.	7/21/2025