RECLAMATION REPORT

PREPARED FOR:
DEVON ENERGY PRODUCTION, LP.

PREPARED BY:
PIMA ENVIRONMENTAL SERIVCES, LLC.

May 7th, 2025

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

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

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

RE: RECLAMATION REPORT
LOCATION: Roche Fed CTB
Facility ID: fAPP2130625764
GPS: 32.76001132, -103.906605
INCIDENT LOCATION: UL- J. Section 07, T18S, R31E
COUNTY: Eddy
NMOCD REF. NO. NAPP2320133653

Pima Environmental Services, LLC (Pima) has been contracted by Devon Energy Production Company, LP (Devon) to prepare the Reclamation Report for the Roche Fed CTB site (hereafter referred to as the "Roche"). 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 Roche is located approximately six (6) miles southeast of Loco Hills, NM. This spill site is in Unit J, Section 07, Township 18S, Range 31E, Latitude 32.76001132 Longitude -103.906605, Eddy 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 Berino-Pajarito complex, 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 Roche (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 (CP-02042 POD 1), the depth to the nearest groundwater in this vicinity measures 55 feet below grade surface (BGS), positioned 0.01 of a mile away from the Roche, drilled, February 5, 2025. Conversely, as per the United States Geological Survey well water data (USGS324402104014701), the nearest groundwater depth in this region is recorded at 169 feet BGS, situated approximately 7.43 miles away from the Roche, with the last gauge conducted in 2016. The nearest water feature is a Salt Playa located approximately 6 miles to the northeast 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.

Depth to groundwater at the Roche will be classified as <50' BGS. Referenced water surveys, pod information, and water-related maps can be found in Appendix A.

SITE CONDITIONS AND HISTORY

NAPP2320133653

On July 19, 2023, a pinhole developed on a casing line, which caused fluid to release into the pasture. The released fluids were calculated to be approximately 0.54 barrels (bbls) of crude oil. No standing fluid was able to be recovered.

While incident nAPP2320133653 was being addressed, the depth to groundwater was classified as <50' BGS due to the release occurring in the pasture.

On September 27, 2023, 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.

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

A Remediation Closure Report (Application ID: 280749), was submitted to the NMOCD on October 30, 2023, for approval.

On March 14, 2024, Incident ID: NAPP2320133653, was approved by the NMOCD.

RECLAMATION ACTIVITIES

The areas of concern do not require reclamation at this time as the conditions of the areas that were reported to have been affected were non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg and TPH concentrations less than 100 mg/kg. To support this the Laboratory Analytical Reports are available in Appendix D. Furthermore, Photographic Documentation to prove that the ground has not been affected is available in Appendix C.

Regarding the Roche Fed CTB site, proposed reclamation actions are outlined below and will be implemented once the site is no longer needed for production and/or subsequent drilling operations.

RECLAMATION ACTIONS REQUIRED

In accordance with NMAC 19.2.100.67 Regulations NMSLO Reclamation and Remediation Guidelines and Procedures, and any stipulations or land use agreements pertaining to the locations on private land, the following reclamation activities are proposed at the site.

Once the site is no longer needed for production of subsequent drilling operations, Devon will conduct the following:

- All surface equipment, tanks, and piping, along with all trash, junk, and debris, will be removed for the Site location and transported for reuse, recycling, or disposal as Resources Conservation and Recovery Act (RCRA- Exempt E&P Waste at an NMOCD-approved facility.
- Stained or discolored areas found during historical imagery search or reclamation activities will be assessed by collecting samples for submission to an analytical laboratory to analyze chloride and TPH. Soils identified with Total Petroleum Hydrocarbons (TPH) or chloride impacts above NMOCD reclamation requirements will be reclaimed according to NMOCD standards.

- Any removed known or suspected contaminated soil will be transported to an NMOCD-approved facility for disposal as RCRA Exempt Waste.
- Upon completion of any excavation of known or suspected impacted material, composite confirmation samples will be collected from the excavation floor and sidewalls, with each sample representing an area of no more than 200 square feet following sampling protocols set out in 19.15.29 NMAC.
- Upon receipt of any laboratory analytical results from confirmation soil samples demonstrating constituent contaminant levels are equal to or below NMOCD Closure Criteria, any excavated areas will be backfilled with locally sourced clean soil.
- Surface caliche and previously imported base aggregate will be scraped and removed from the site's surface using mechanical equipment and associated roads. The removed aggregate materials are anticipated to be reused to maintain nearby active well pads and lease roads.
- The site will have topsoil replaced and graded to match surrounding topography, then ripped, bermed, or water-barred to stabilize and control erosion and seeded with the appropriate NMSLO-approved seed mixture based on existing soil type at each location.
- Lease roads will have topsoil replaced, then ripped, bermed back to in-use lease roads, water barred and seeded with NMSLO-approved seed mixture for the location soil type.
- Reclamation activities are expected to be completed within 90 days of NMSLO approval of a Site Assessment and Reclamation Work Plan.
- Withing 30 days or at the beginning of the next favorable growing season following these completed reclamation activities, each Reclamation Site location will be seeded via hand broadcast at double the drill seeding rate as prescribed in NMSLO Seed Mix application guidelines.

RESTORATION, RECLAMATION, AND REVEGETATION

Based on laboratory analytical results from confirmation soil samples, the reclaimed area will be backfilled with locally sourced clean topsoil. The reclaimed areas will be ripped and bermed or water-barred to achieve erosion control, surface stability, and preservation of surface water flow.

Preparation and Seeding

Preparation of reclaimed areas will include cross-ripping to prepare the seedbed with two-foot furrows as deep as possible without bringing rock material back to the surface. The prepared areas will be seeded with NMSLO-approved seed mixtures. Within 30 days of completion of reclamation activities, the seed will be applied using broadcast methods at double drill seed application quantities as prescribed by NMSLO Mix Data sheet. Seed mixtures will be free of noxious weeds. Traffic control berms discussed below will also be seeded.

Traffic Control and Access Restriction

As discussed above, earthen berms will be installed to restrict access and vehicular traffic through reclamation areas during the revegetation process. If berms proved unsuccessful long term at preventing disturbance to the reclamation area, fencing will be installed to further restrict site access.

Vegetation Monitoring

Vegetation monitoring will be conducted in accordance with the New Mexico State Land Office Southeastern New Mexico Revegetation Handbook. Devon Energy acknowledges that a revised handbook is in development, and any applicable updated will be incorporated into the vegetation monitoring plan once published.

Revegetation typically requires approximately three years to be considered complete for reclamation purposes. After the first growing season, the revegetation area may initially appear sparse, with a mix of annual weeds, grasses, and other reclamation vegetation in the early stages of emergence.

By the second full growing season, pioneer reclamation grass species should be clearly visible, and grasses will typically begin to dominate over the annual weeds, although they may still be present. If there have been typical to above-average precipitation levels, revegetation will likely improve, with drought-tolerant species helping to support the growth. By the end of the third full growing season, the success of the revegetation efforts can generally be assessed.

Reclamation areas will be monitored semi-annually for growth, noxious weed management, and the need for additional reclamation activities until the required revegetation is completed. The following NMSLO-prescribed observational assessment methodology will guide the revegetation monitoring process during these semi-annual evaluations:

- Current conditions will be photographed with emphasis on problem areas, and ocular estimations of plant cover, production, and density will also be documented with photographs.
- Revegetation results will be compared to adjacent native areas.
- Erosional features such as gullies, rills, and sheet erosion will be recorded and photographed.
- Invasive and noxious weeds will be identified and photographed, and mitigation measures will be developed and implemented if required.
- Any grazing or overgrazing will be documented.
- Wildlife impacts will be documented to include rodents, rabbits, and large grazers.

The standard that will be employed to determine reclamation and revegetation progress is the comparison of the reclaimed and revegetated area with the adjacent native rangeland. This comparison may utilize ocular estimation or remote sensing of plant community cover, production, and diversity.

SCHEDULE

Upon approval of this Reclamation Report, Devon Energy will carry out the reclamation activities described above on the site within 25 years, provided that production and/or subsequent drilling operations have been completed. Once Reclamation activities are complete, a reclamation report will be prepared for the Site and submitted to the NMSLO.

CONCLUSION

The long-term goal of final reclamation is to restore the ecosystem, including the natural vegetation community, hydrology, and wildlife habitats. This involves returning the land to a condition that closely resembles or equals its state prior to disturbance. According to ECO's guidance, reclamation is deemed successful when the reclaimed areas achieve a vegetation density greater than 70-percent of pre-disturbance coverage, excluding invasive or noxious weeds. Once the disturbed areas reach a representative vegetative cover and are considered successful, the former pad area associated with the Site will be deemed reclaimed in accordance with 19.2.100.67 NMAC.
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

APPENDICES:

Appendix A – Water Surveys, Surface Water Map

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

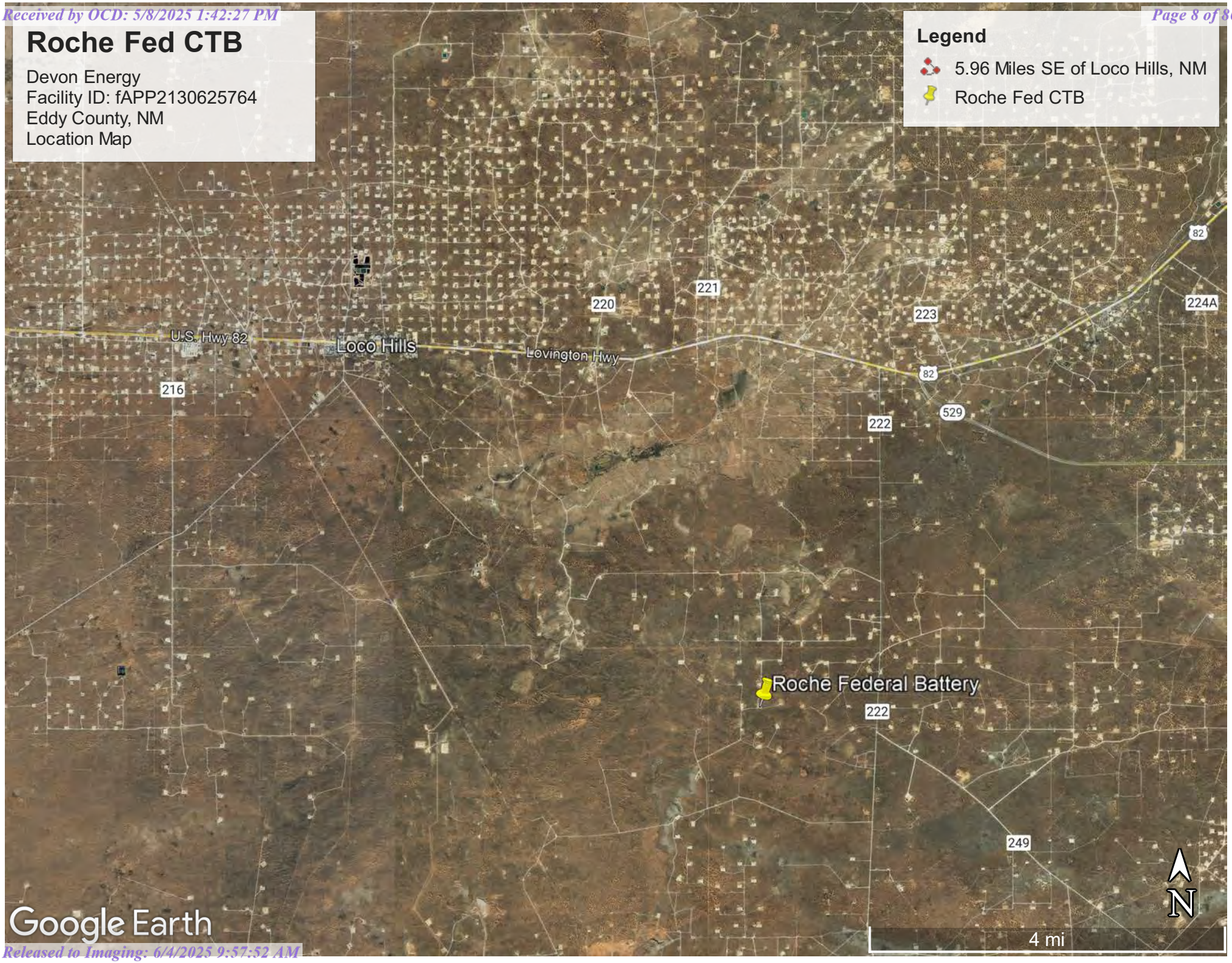
Appendix C – Photographic Documentation

Appendix D – Laboratory Reports

FIGURES

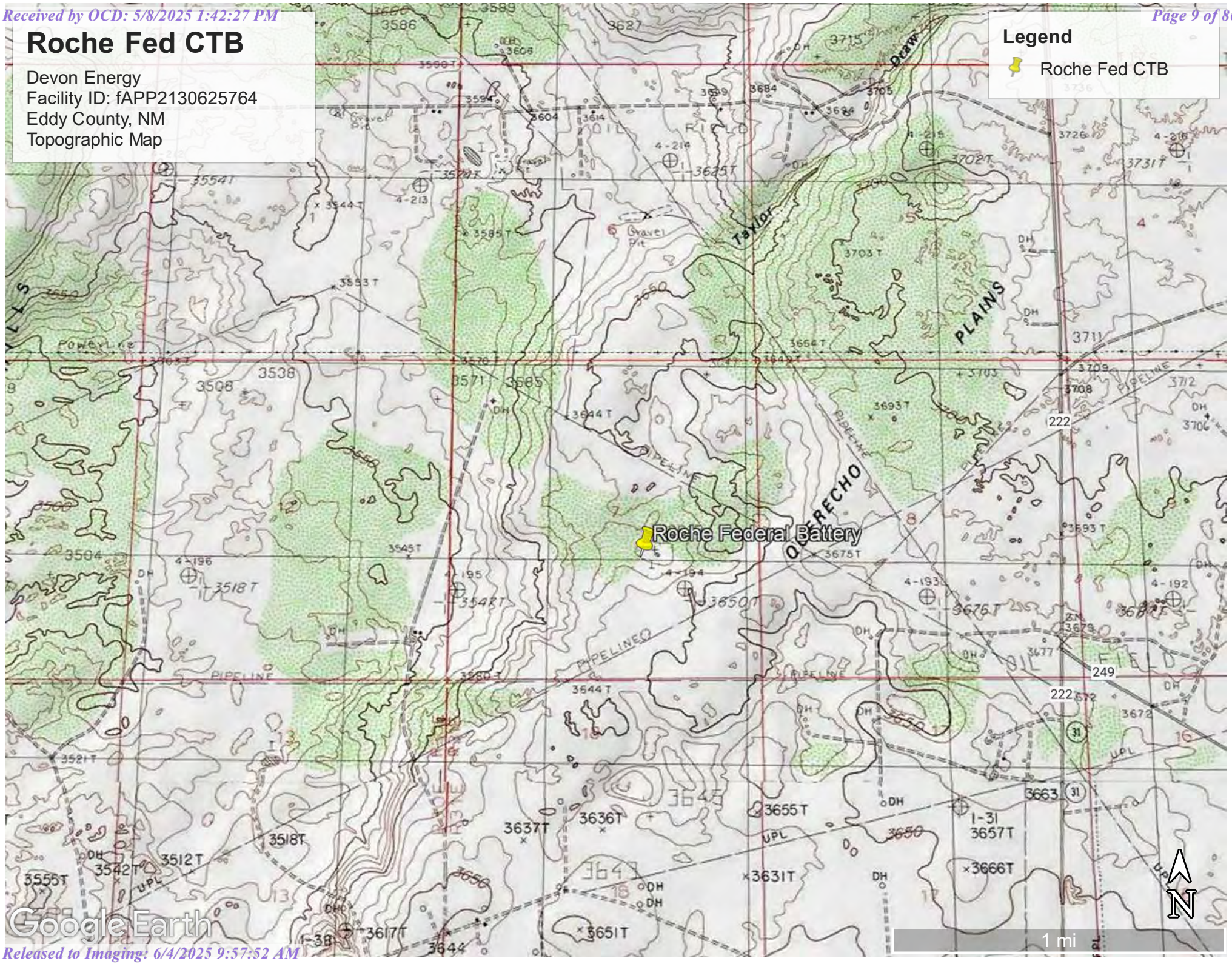
Roche Fed CTB

Devon Energy
Facility ID: fAPP2130625764
Eddy County, NM
Location Map



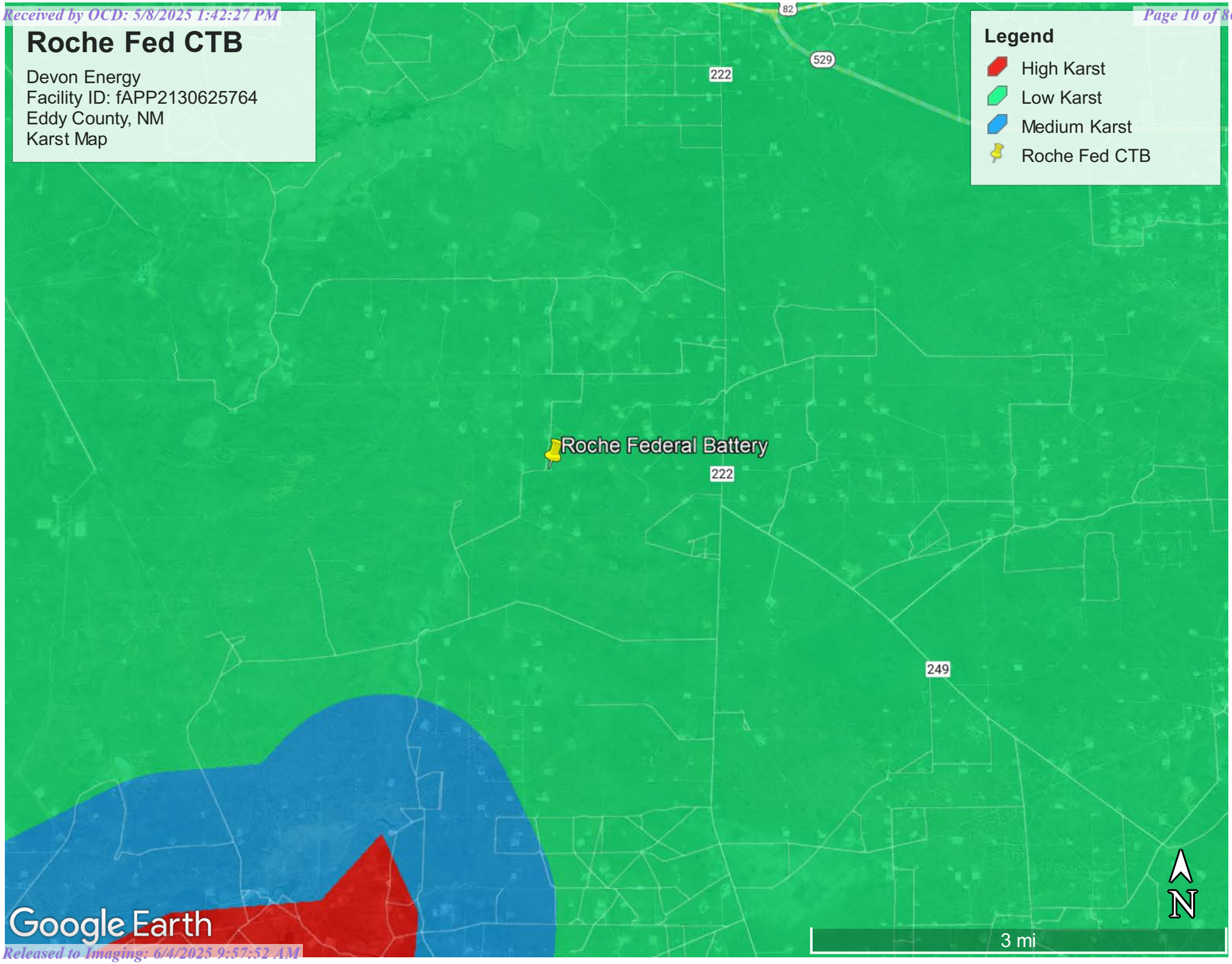
Roche Fed CTB

Devon Energy
Facility ID: fAPP2130625764
Eddy County, NM
Topographic Map



Roche Fed CTB

Devon Energy
Facility ID: fAPP2130625764
Eddy County, NM
Karst Map



ASSESSMENT DATA TABLES

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
DEVON ENERGY Roche Fed CTB NAPP2320133653								
Date: 9-27-23		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
S1	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S2	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S3	1'	ND	ND	ND	ND	ND	0	ND
	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	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
SW1	6''	ND	ND	ND	ND	ND	0	ND
SW2	6''	ND	ND	ND	ND	ND	0	ND
SW3	6''	ND	ND	ND	ND	ND	0	ND
SW4	6''	ND	ND	ND	ND	ND	0	ND
SW5	6''	ND	ND	ND	ND	ND	0	ND
SW6	6''	ND	ND	ND	ND	ND	0	ND
BG1	6''	ND	ND	ND	ND	ND	0	ND

Roche Fed CTB

Devon Energy
Facility ID: fAPP2130625764
Eddy County, NM
Site Map

Roche Federal #1

Legend

- Samples
- Sidewalls/Background
- Spill Area

SW4
SW5
S4
S3
SW3
SW6
S2
BG1
S1
SW1
SW2

Google Earth

N

100 ft

APPENDIX A

OSE Water Survey

USGS Water Survey

Surface Water Map

Point of Diversion Summary

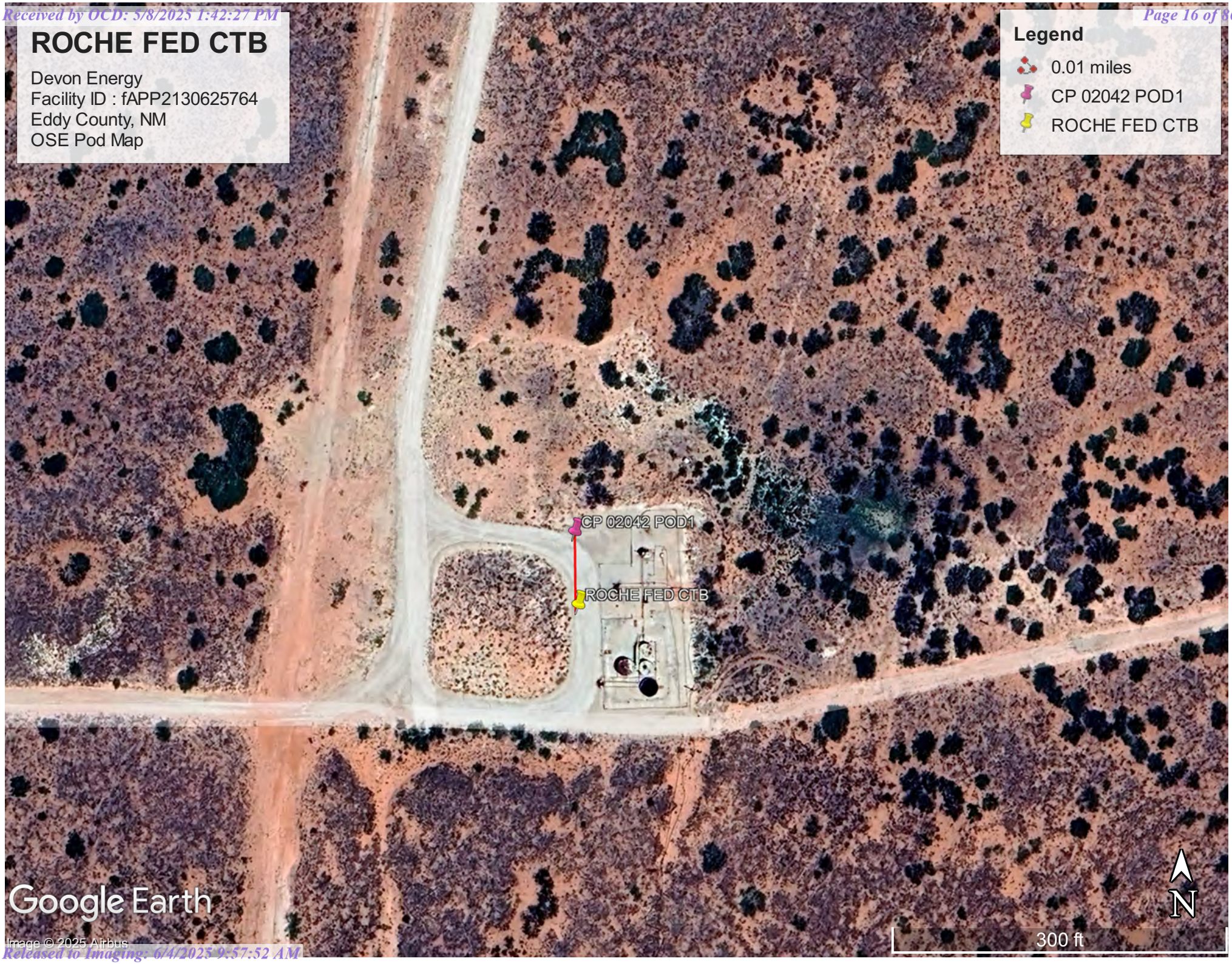
quarters are 1=NW 2=NE 3=SW 4=SE
quarters are smallest to largest

NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
NA	CP 02042 POD1	NE	NW	SE	07	18S	31E	602417.3	3625230.8	

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

Driller License:	1862	**Driller Company:**	H&R ENTERPRISES, LLC		
Driller Name:	JAMES HAWLEY				
Drill Start Date:	2025-02-05	**Drill Finish Date:**	2025-02-05	**Plug Date:**	2025-02-10
Log File Date:	2025-03-13	**PCW Rcv Date:**		**Source:**	
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:		**Depth Well:**	55	**Depth Water:**	


ROCHE FED CTB
Devon Energy
Facility ID : fAPP2130625764
Eddy County, NM
OSE Pod Map
Legend
0.01 miles
CP 02042 POD1
ROCHE FED CTB
CP 02042 POD1
ROCHE FED CTB
Google Earth
Image © 2025 Airbus
N
300 ft

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 =

- 324402104014701

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

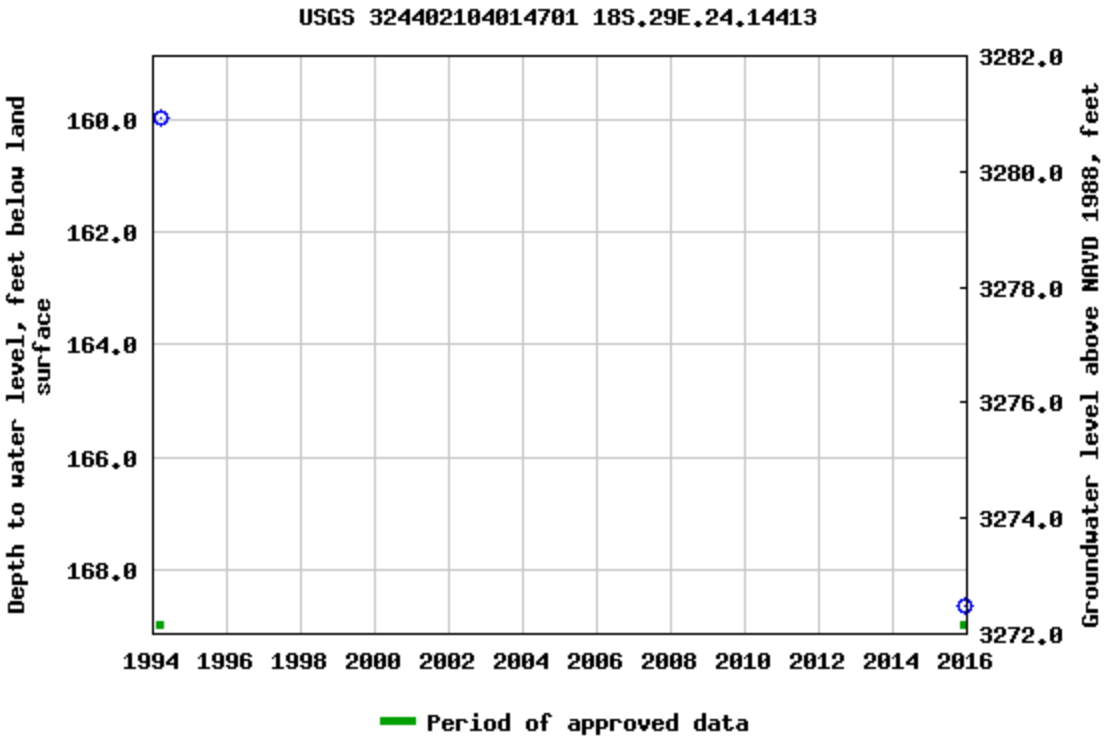
USGS 324402104014701 18S.29E.24.14413

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

Eddy County, New Mexico
Hydrologic Unit Code 13060011
Latitude 32°44'01.5", Longitude 104°01'48.9" NAD83
Land-surface elevation 3,441 feet above NAVD88
The depth of the well is 202.00 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Sunrise Formation (231SNRS) local aquifer.

Output formats

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



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

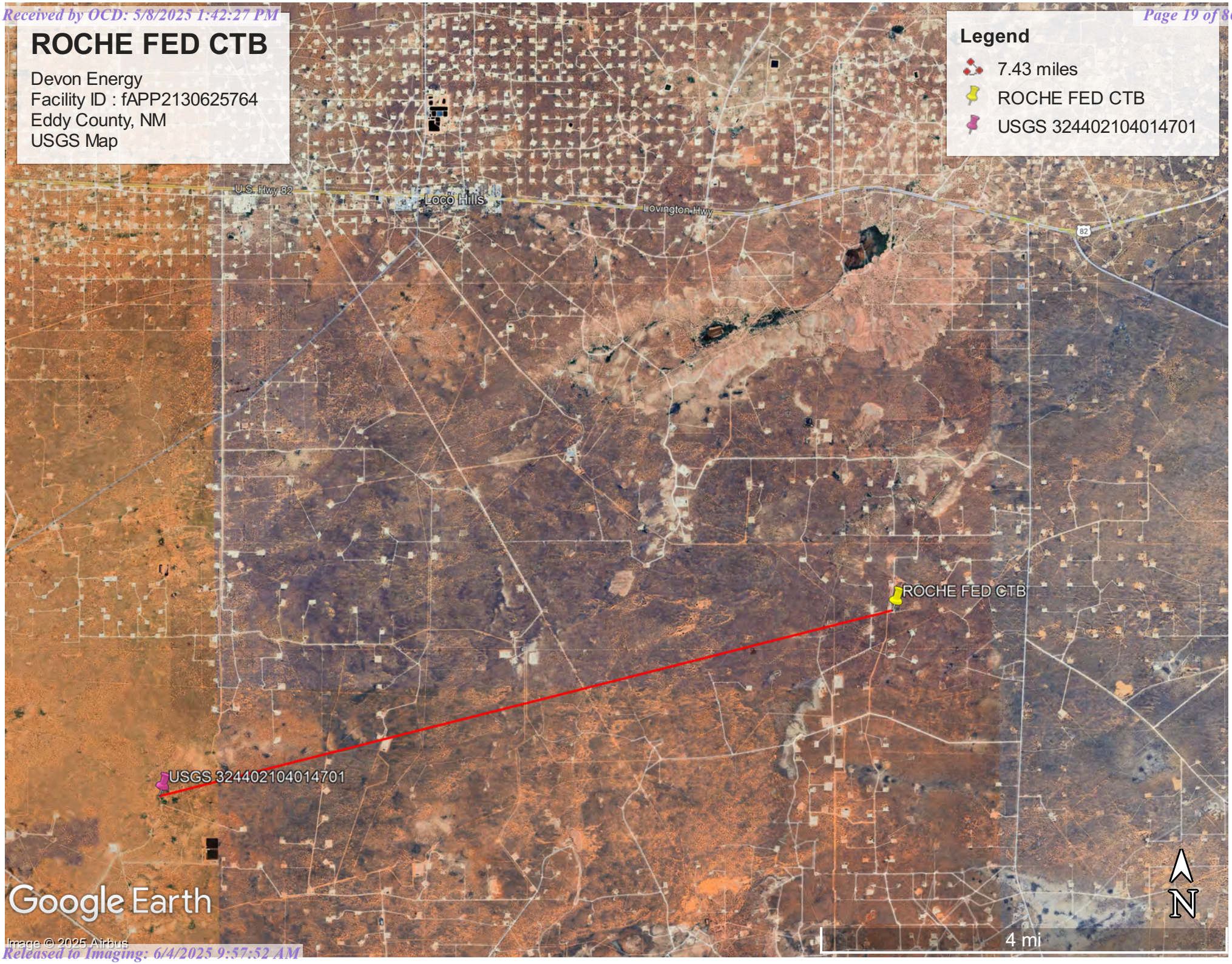
Questions or Comments
Help
Data Tips
Explanation of terms
Subscribe for system changes

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

Page Contact Information: USGS Water Data Support Team
Page Last Modified: 2025-05-05 11:48:20 EDT
0.69 0.45 nadww01

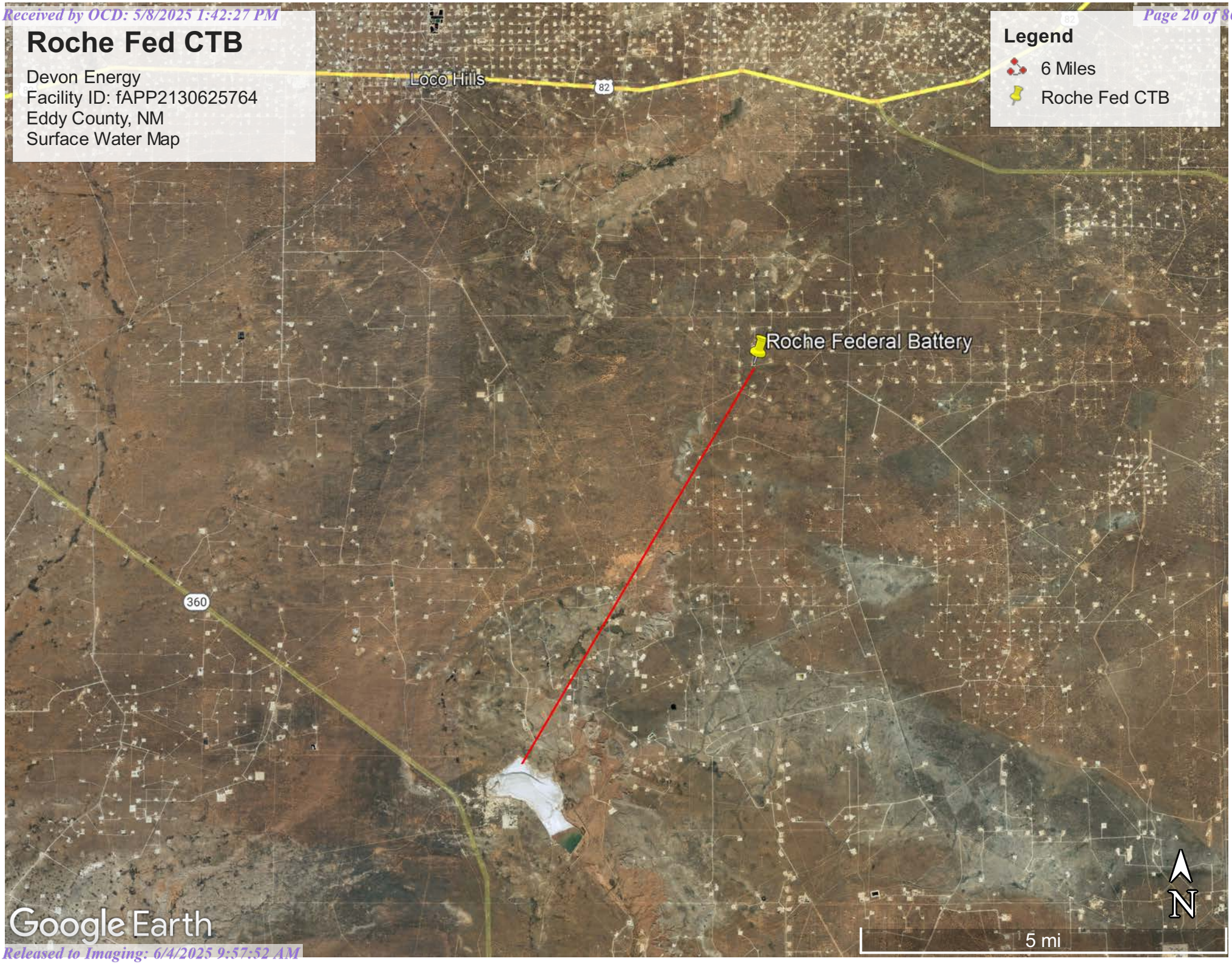
ROCHE FED CTB

Devon Energy
Facility ID : fAPP2130625764
Eddy County, NM
USGS Map



Roche Fed CTB

Devon Energy
Facility ID: fAPP2130625764
Eddy County, NM
Surface Water Map



APPENDIX B

Soil Survey & Geological Data

Geologic Unit Map

Fema

Wetlands

Eddy Area, New Mexico

BP—Berino-Pajarito complex, 0 to 3 percent slopes, eroded

Map Unit Setting

National map unit symbol: 1w45
Elevation: 2,450 to 4,200 feet
Mean annual precipitation: 5 to 15 inches
Mean annual air temperature: 57 to 70 degrees F
Frost-free period: 190 to 250 days
Farmland classification: Not prime farmland

Map Unit Composition

Berino and similar soils: 46 percent
Pajarito and similar soils: 45 percent
Minor components: 9 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Berino

Setting

Landform: Plains, fan piedmonts
Landform position (three-dimensional): Riser
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 17 inches: fine sand
H2 - 17 to 50 inches: sandy loam
H3 - 50 to 60 inches: loamy sand

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 40 percent
Maximum salinity: Very slightly saline to slightly saline (2.0 to 4.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Moderate (about 7.3 inches)

Interpretive groups

Land capability classification (irrigated): 4e

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

Description of Pajarito

Setting

Landform: Plains, interdunes, dunes
Landform position (three-dimensional): Side slope
Down-slope shape: Convex, linear
Across-slope shape: Linear, convex
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 9 inches: loamy fine sand
H2 - 9 to 36 inches: fine sandy loam
H3 - 36 to 72 inches: fine sandy loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): High (2.00 to 6.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 15 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Moderate (about 8.0 inches)

Interpretive groups

Land capability classification (irrigated): 2e
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: A
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Minor Components

Wink

Percent of map unit: 3 percent
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Dune land

Percent of map unit: 3 percent
Hydric soil rating: No

Kermit

Percent of map unit: 3 percent
Ecological site: R070BD005NM - Deep Sand
Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 20, Sep 3, 2024

Soil Map—Eddy Area, New Mexico

Map Scale: 1:1,060 if printed on A landscape (11" x 8.5") sheet.

N

Meters: 0 15 30 60 90

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: Eddy Area, New Mexico
Survey Area Data: Version 20, 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
BP	Berino-Pajarito complex, 0 to 3 percent slopes, eroded	4.1	100.0%
Totals for Area of Interest		**4.1**	**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.

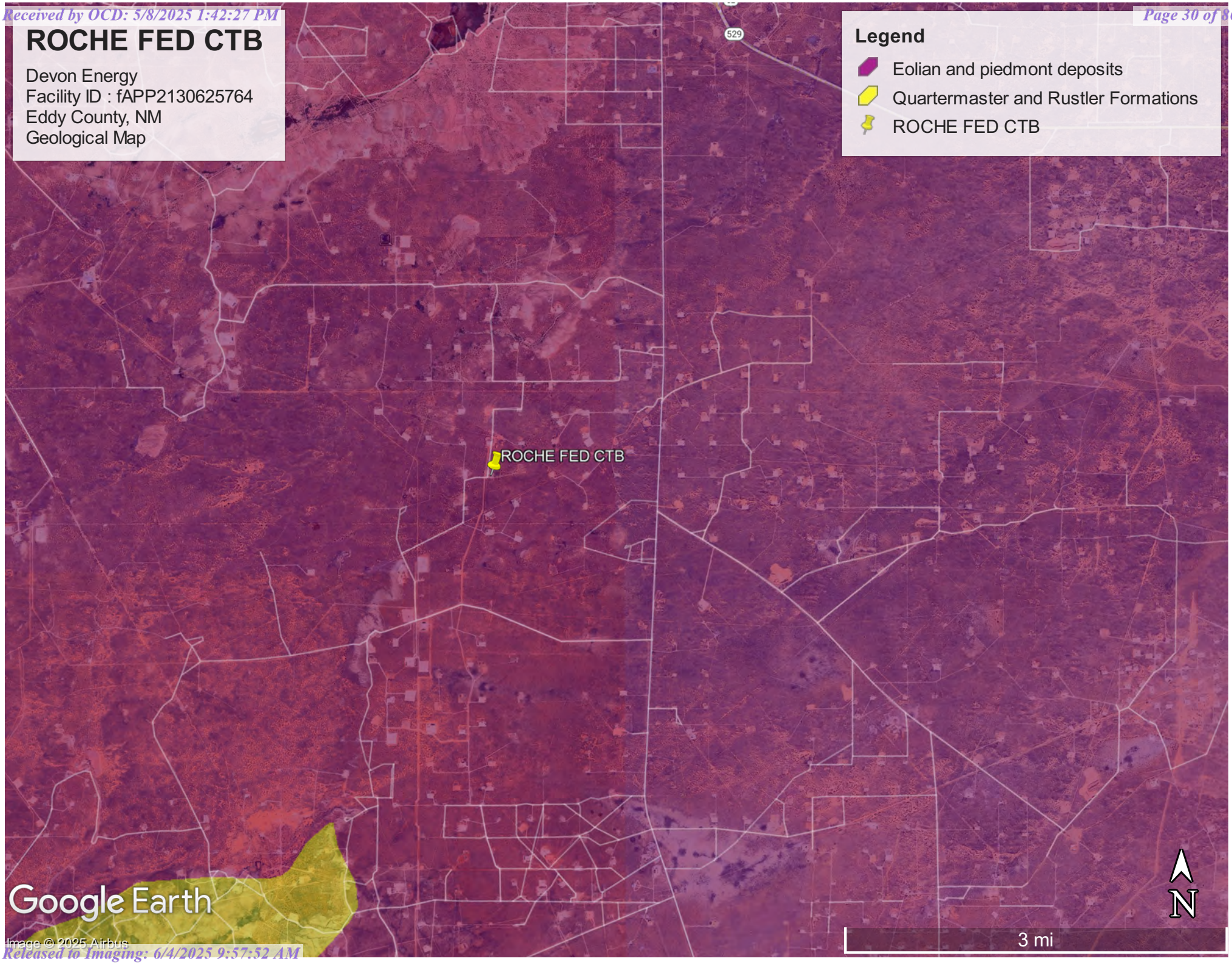
State	New Mexico (/geology/state/state.php?state=NM)
Name	Eolian and piedmont deposits
Geologic age	Holocene to middle Pleistocene
Lithologic constituents	Major Unconsolidated *(Eolian)* *Interlayered eolian sands and piedmont-slope deposits*
References	New Mexico Bureau of Geology and Mineral Resources, 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)

White House (https://www.whitehouse.gov/) | E-gov (https://www.whitehouse.gov/omb/management/egov/) |

No Fear Act (https://www.doi.gov/pmb/eeo/no-fear-act) | FOIA (https://www2.usgs.gov/foia)

ROCHE FED CTB

Devon Energy
Facility ID : fAPP2130625764
Eddy County, NM
Geological Map



National Flood Hazard Layer FIRMette

FEMA

103°54'43"W 32°45'51"N

103°54'5"W 32°45'21"N

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

1:6,000

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

Legend

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

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

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

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

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

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

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

N

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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 7/25/2023 at 4:56 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 5, 2025

Wetlands

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

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

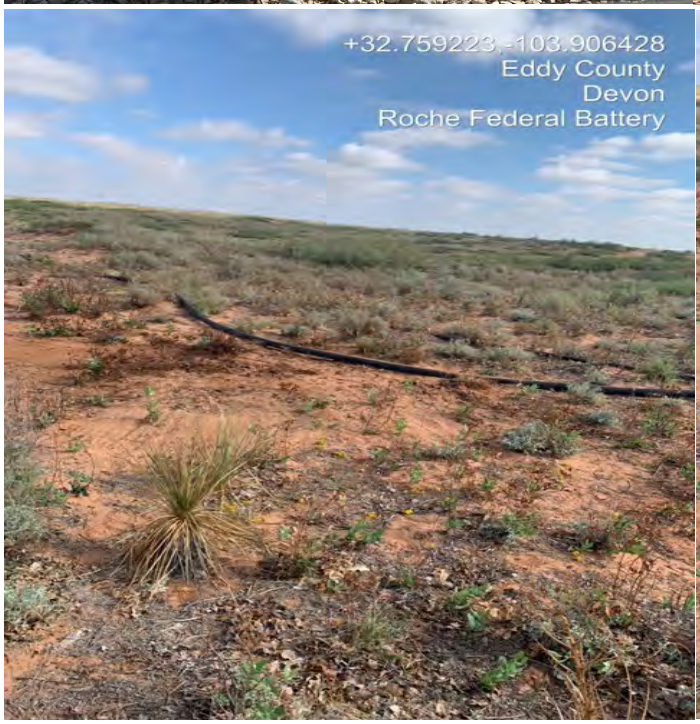
National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

APPENDIX C

Photographic Documentation

SITE PHOTOGRAPHS
DEVON ENERGY
ROCHE FEDERAL #1

Site Assessment




+32.518484,-103.420740
Lea County
Devon
State R #4
Assessment


+32.759260,-103.906330
Eddy County
Devon
Roche Federal Battery

APPENDIX D

Laboratory Reports

Report to:

Tom Bynum

5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Roche Federal #1
Work Order:	E309243
Job Number:	01058-0007
Received:	9/30/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/6/23

Date Reported: 10/6/23

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Roche Federal #1
Workorder: E309243
Date Received: 9/30/2023 9:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/30/2023 9:30:00AM, under the Project Name: Roche Federal #1.

The analytical test results summarized in this report with the Project Name: Roche Federal #1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

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

Field Offices:

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

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

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Table of Contents (continued)

Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Roche Federal #1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/06/23 14:04

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1 - 1'	E309243-01A	Soil	09/27/23	09/30/23	Glass Jar, 2 oz.
S1 - 2'	E309243-02A	Soil	09/27/23	09/30/23	Glass Jar, 2 oz.
S1 - 3'	E309243-03A	Soil	09/27/23	09/30/23	Glass Jar, 2 oz.
S1 - 4'	E309243-04A	Soil	09/27/23	09/30/23	Glass Jar, 2 oz.
S2 - 1'	E309243-05A	Soil	09/27/23	09/30/23	Glass Jar, 2 oz.
S2 - 2'	E309243-06A	Soil	09/27/23	09/30/23	Glass Jar, 2 oz.
S2 - 3'	E309243-07A	Soil	09/27/23	09/30/23	Glass Jar, 2 oz.
S2 - 4'	E309243-08A	Soil	09/27/23	09/30/23	Glass Jar, 2 oz.
S3 - 1'	E309243-09A	Soil	09/27/23	09/30/23	Glass Jar, 2 oz.
S3 - 2'	E309243-10A	Soil	09/27/23	09/30/23	Glass Jar, 2 oz.
S3 - 3'	E309243-11A	Soil	09/27/23	09/30/23	Glass Jar, 2 oz.
S3 - 4'	E309243-12A	Soil	09/27/23	09/30/23	Glass Jar, 2 oz.
S4 - 1'	E309243-13A	Soil	09/27/23	09/30/23	Glass Jar, 2 oz.
S4 - 2'	E309243-14A	Soil	09/27/23	09/30/23	Glass Jar, 2 oz.
S4 - 3'	E309243-15A	Soil	09/27/23	09/30/23	Glass Jar, 2 oz.
S4 - 4'	E309243-16A	Soil	09/27/23	09/30/23	Glass Jar, 2 oz.
SW1	E309243-17A	Soil	09/27/23	09/30/23	Glass Jar, 2 oz.
SW2	E309243-18A	Soil	09/27/23	09/30/23	Glass Jar, 2 oz.
SW3	E309243-19A	Soil	09/27/23	09/30/23	Glass Jar, 2 oz.
SW4	E309243-20A	Soil	09/27/23	09/30/23	Glass Jar, 2 oz.
SW5	E309243-21A	Soil	09/27/23	09/30/23	Glass Jar, 2 oz.
SW6	E309243-22A	Soil	09/27/23	09/30/23	Glass Jar, 2 oz.
BG1	E309243-23A	Soil	09/27/23	09/30/23	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Roche Federal #1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/6/2023 2:04:24PM

S1 - 1'

E309243-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2340029
Benzene	ND	0.0250	1	10/03/23	10/03/23	
Ethylbenzene	ND	0.0250	1	10/03/23	10/03/23	
Toluene	ND	0.0250	1	10/03/23	10/03/23	
o-Xylene	ND	0.0250	1	10/03/23	10/03/23	
p,m-Xylene	ND	0.0500	1	10/03/23	10/03/23	
Total Xylenes	ND	0.0250	1	10/03/23	10/03/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.5 %*	*70-130*	*10/03/23*	*10/03/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2340029
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/03/23	10/03/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.2 %*	*70-130*	*10/03/23*	*10/03/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2340050
Diesel Range Organics (C10-C28)	ND	25.0	1	10/03/23	10/05/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/03/23	10/05/23	
Surrogate: n-Nonane		*99.4 %*	*50-200*	*10/03/23*	*10/05/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2340065
Chloride	ND	20.0	1	10/04/23	10/06/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Roche Federal #1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/6/2023 2:04:24PM

S1 - 2'

E309243-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2340029
Benzene	ND	0.0250	1	10/03/23	10/03/23	
Ethylbenzene	ND	0.0250	1	10/03/23	10/03/23	
Toluene	ND	0.0250	1	10/03/23	10/03/23	
o-Xylene	ND	0.0250	1	10/03/23	10/03/23	
p,m-Xylene	ND	0.0500	1	10/03/23	10/03/23	
Total Xylenes	ND	0.0250	1	10/03/23	10/03/23	
Surrogate: 4-Bromochlorobenzene-PID		*93.6 %*	*70-130*	*10/03/23*	*10/03/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2340029
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/03/23	10/03/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.5 %*	*70-130*	*10/03/23*	*10/03/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2340050
Diesel Range Organics (C10-C28)	ND	25.0	1	10/03/23	10/05/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/03/23	10/05/23	
Surrogate: n-Nonane		*103 %*	*50-200*	*10/03/23*	*10/05/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2340065
Chloride	ND	20.0	1	10/04/23	10/06/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Roche Federal #1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/6/2023 2:04:24PM

S1 - 3'

E309243-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2340029
Benzene	ND	0.0250	1	10/03/23	10/03/23	
Ethylbenzene	ND	0.0250	1	10/03/23	10/03/23	
Toluene	ND	0.0250	1	10/03/23	10/03/23	
o-Xylene	ND	0.0250	1	10/03/23	10/03/23	
p,m-Xylene	ND	0.0500	1	10/03/23	10/03/23	
Total Xylenes	ND	0.0250	1	10/03/23	10/03/23	
Surrogate: 4-Bromochlorobenzene-PID		*93.0 %*	*70-130*	*10/03/23*	*10/03/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2340029
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/03/23	10/03/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.4 %*	*70-130*	*10/03/23*	*10/03/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2340050
Diesel Range Organics (C10-C28)	ND	25.0	1	10/03/23	10/05/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/03/23	10/05/23	
Surrogate: n-Nonane		*95.1 %*	*50-200*	*10/03/23*	*10/05/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2340065
Chloride	ND	20.0	1	10/04/23	10/06/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Roche Federal #1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/6/2023 2:04:24PM

S1 - 4'

E309243-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2340029
Benzene	ND	0.0250	1	10/03/23	10/03/23	
Ethylbenzene	ND	0.0250	1	10/03/23	10/03/23	
Toluene	ND	0.0250	1	10/03/23	10/03/23	
o-Xylene	ND	0.0250	1	10/03/23	10/03/23	
p,m-Xylene	ND	0.0500	1	10/03/23	10/03/23	
Total Xylenes	ND	0.0250	1	10/03/23	10/03/23	
Surrogate: 4-Bromochlorobenzene-PID		*93.7 %*	*70-130*	*10/03/23*	*10/03/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2340029
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/03/23	10/03/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*85.9 %*	*70-130*	*10/03/23*	*10/03/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2340050
Diesel Range Organics (C10-C28)	ND	25.0	1	10/03/23	10/05/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/03/23	10/05/23	
Surrogate: n-Nonane		*94.5 %*	*50-200*	*10/03/23*	*10/05/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2340065
Chloride	ND	20.0	1	10/04/23	10/06/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Roche Federal #1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/6/2023 2:04:24PM

S2 - 1'

E309243-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2340029
Benzene	ND	0.0250	1	10/03/23	10/03/23	
Ethylbenzene	ND	0.0250	1	10/03/23	10/03/23	
Toluene	ND	0.0250	1	10/03/23	10/03/23	
o-Xylene	ND	0.0250	1	10/03/23	10/03/23	
p,m-Xylene	ND	0.0500	1	10/03/23	10/03/23	
Total Xylenes	ND	0.0250	1	10/03/23	10/03/23	
Surrogate: 4-Bromochlorobenzene-PID		*93.5 %*	*70-130*	*10/03/23*	*10/03/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2340029
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/03/23	10/03/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.8 %*	*70-130*	*10/03/23*	*10/03/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2340050
Diesel Range Organics (C10-C28)	ND	25.0	1	10/03/23	10/05/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/03/23	10/05/23	
Surrogate: n-Nonane		*96.5 %*	*50-200*	*10/03/23*	*10/05/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2340065
Chloride	ND	20.0	1	10/04/23	10/06/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Roche Federal #1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/6/2023 2:04:24PM

S2 - 2'

E309243-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2340029
Benzene	ND	0.0250	1	10/03/23	10/03/23	
Ethylbenzene	ND	0.0250	1	10/03/23	10/03/23	
Toluene	ND	0.0250	1	10/03/23	10/03/23	
o-Xylene	ND	0.0250	1	10/03/23	10/03/23	
p,m-Xylene	ND	0.0500	1	10/03/23	10/03/23	
Total Xylenes	ND	0.0250	1	10/03/23	10/03/23	
Surrogate: 4-Bromochlorobenzene-PID		*93.5 %*	*70-130*	*10/03/23*	*10/03/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2340029
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/03/23	10/03/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.3 %*	*70-130*	*10/03/23*	*10/03/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2340050
Diesel Range Organics (C10-C28)	ND	25.0	1	10/03/23	10/05/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/03/23	10/05/23	
Surrogate: n-Nonane		*95.8 %*	*50-200*	*10/03/23*	*10/05/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2340065
Chloride	ND	20.0	1	10/04/23	10/06/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Roche Federal #1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/6/2023 2:04:24PM

S2 - 3'

E309243-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2340029
Benzene	ND	0.0250	1	10/03/23	10/03/23	
Ethylbenzene	ND	0.0250	1	10/03/23	10/03/23	
Toluene	ND	0.0250	1	10/03/23	10/03/23	
o-Xylene	ND	0.0250	1	10/03/23	10/03/23	
p,m-Xylene	ND	0.0500	1	10/03/23	10/03/23	
Total Xylenes	ND	0.0250	1	10/03/23	10/03/23	
Surrogate: 4-Bromochlorobenzene-PID		*93.3 %*	*70-130*	*10/03/23*	*10/03/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2340029
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/03/23	10/03/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.1 %*	*70-130*	*10/03/23*	*10/03/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2340050
Diesel Range Organics (C10-C28)	ND	25.0	1	10/03/23	10/05/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/03/23	10/05/23	
Surrogate: n-Nonane		*99.0 %*	*50-200*	*10/03/23*	*10/05/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2340065
Chloride	ND	20.0	1	10/04/23	10/06/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Roche Federal #1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/6/2023 2:04:24PM

S2 - 4'

E309243-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2340029
Benzene	ND	0.0250	1	10/03/23	10/03/23	
Ethylbenzene	ND	0.0250	1	10/03/23	10/03/23	
Toluene	ND	0.0250	1	10/03/23	10/03/23	
o-Xylene	ND	0.0250	1	10/03/23	10/03/23	
p,m-Xylene	ND	0.0500	1	10/03/23	10/03/23	
Total Xylenes	ND	0.0250	1	10/03/23	10/03/23	
Surrogate: 4-Bromochlorobenzene-PID		*93.1 %*	*70-130*	*10/03/23*	*10/03/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2340029
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/03/23	10/03/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.0 %*	*70-130*	*10/03/23*	*10/03/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2340050
Diesel Range Organics (C10-C28)	ND	25.0	1	10/03/23	10/05/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/03/23	10/05/23	
Surrogate: n-Nonane		*97.1 %*	*50-200*	*10/03/23*	*10/05/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2340065
Chloride	ND	20.0	1	10/04/23	10/06/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Roche Federal #1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/6/2023 2:04:24PM

S3 - 1'

E309243-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2340029
Benzene	ND	0.0250	1	10/03/23	10/03/23	
Ethylbenzene	ND	0.0250	1	10/03/23	10/03/23	
Toluene	ND	0.0250	1	10/03/23	10/03/23	
o-Xylene	ND	0.0250	1	10/03/23	10/03/23	
p,m-Xylene	ND	0.0500	1	10/03/23	10/03/23	
Total Xylenes	ND	0.0250	1	10/03/23	10/03/23	
Surrogate: 4-Bromochlorobenzene-PID		*92.5 %*	*70-130*	*10/03/23*	*10/03/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2340029
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/03/23	10/03/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.6 %*	*70-130*	*10/03/23*	*10/03/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2340050
Diesel Range Organics (C10-C28)	ND	25.0	1	10/03/23	10/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/03/23	10/06/23	
Surrogate: n-Nonane		*105 %*	*50-200*	*10/03/23*	*10/06/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2340065
Chloride	ND	20.0	1	10/04/23	10/06/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Roche Federal #1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/6/2023 2:04:24PM

S3 - 2'

E309243-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2340029
Benzene	ND	0.0250	1	10/03/23	10/03/23	
Ethylbenzene	ND	0.0250	1	10/03/23	10/03/23	
Toluene	ND	0.0250	1	10/03/23	10/03/23	
o-Xylene	ND	0.0250	1	10/03/23	10/03/23	
p,m-Xylene	ND	0.0500	1	10/03/23	10/03/23	
Total Xylenes	ND	0.0250	1	10/03/23	10/03/23	
Surrogate: 4-Bromochlorobenzene-PID		*93.1 %*	*70-130*	*10/03/23*	*10/03/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2340029
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/03/23	10/03/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.0 %*	*70-130*	*10/03/23*	*10/03/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2340050
Diesel Range Organics (C10-C28)	ND	25.0	1	10/03/23	10/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/03/23	10/06/23	
Surrogate: n-Nonane		*101 %*	*50-200*	*10/03/23*	*10/06/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2340065
Chloride	ND	20.0	1	10/04/23	10/06/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Roche Federal #1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/6/2023 2:04:24PM

S3 - 3'

E309243-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2340029
Benzene	ND	0.0250	1	10/03/23	10/03/23	
Ethylbenzene	ND	0.0250	1	10/03/23	10/03/23	
Toluene	ND	0.0250	1	10/03/23	10/03/23	
o-Xylene	ND	0.0250	1	10/03/23	10/03/23	
p,m-Xylene	ND	0.0500	1	10/03/23	10/03/23	
Total Xylenes	ND	0.0250	1	10/03/23	10/03/23	
Surrogate: 4-Bromochlorobenzene-PID		*93.9 %*	*70-130*	*10/03/23*	*10/03/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2340029
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/03/23	10/03/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.4 %*	*70-130*	*10/03/23*	*10/03/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2340050
Diesel Range Organics (C10-C28)	ND	25.0	1	10/03/23	10/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/03/23	10/06/23	
Surrogate: n-Nonane		*102 %*	*50-200*	*10/03/23*	*10/06/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2340065
Chloride	ND	20.0	1	10/04/23	10/06/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Roche Federal #1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/6/2023 2:04:24PM

S3 - 4'

E309243-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2340029
Benzene	ND	0.0250	1	10/03/23	10/03/23	
Ethylbenzene	ND	0.0250	1	10/03/23	10/03/23	
Toluene	ND	0.0250	1	10/03/23	10/03/23	
o-Xylene	ND	0.0250	1	10/03/23	10/03/23	
p,m-Xylene	ND	0.0500	1	10/03/23	10/03/23	
Total Xylenes	ND	0.0250	1	10/03/23	10/03/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.5 %*	*70-130*	*10/03/23*	*10/03/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2340029
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/03/23	10/03/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.1 %*	*70-130*	*10/03/23*	*10/03/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2340050
Diesel Range Organics (C10-C28)	ND	25.0	1	10/03/23	10/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/03/23	10/06/23	
Surrogate: n-Nonane		*96.2 %*	*50-200*	*10/03/23*	*10/06/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2340065
Chloride	ND	20.0	1	10/04/23	10/06/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Roche Federal #1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/6/2023 2:04:24PM

S4 - 1'

E309243-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2340029
Benzene	ND	0.0250	1	10/03/23	10/03/23	
Ethylbenzene	ND	0.0250	1	10/03/23	10/03/23	
Toluene	ND	0.0250	1	10/03/23	10/03/23	
o-Xylene	ND	0.0250	1	10/03/23	10/03/23	
p,m-Xylene	ND	0.0500	1	10/03/23	10/03/23	
Total Xylenes	ND	0.0250	1	10/03/23	10/03/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.5 %*	*70-130*	*10/03/23*	*10/03/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2340029
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/03/23	10/03/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.6 %*	*70-130*	*10/03/23*	*10/03/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2340050
Diesel Range Organics (C10-C28)	ND	25.0	1	10/03/23	10/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/03/23	10/06/23	
Surrogate: n-Nonane		*96.4 %*	*50-200*	*10/03/23*	*10/06/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2340065
Chloride	ND	20.0	1	10/04/23	10/06/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Roche Federal #1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/6/2023 2:04:24PM

S4 - 2'

E309243-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2340029
Benzene	ND	0.0250	1	10/03/23	10/03/23	
Ethylbenzene	ND	0.0250	1	10/03/23	10/03/23	
Toluene	ND	0.0250	1	10/03/23	10/03/23	
o-Xylene	ND	0.0250	1	10/03/23	10/03/23	
p,m-Xylene	ND	0.0500	1	10/03/23	10/03/23	
Total Xylenes	ND	0.0250	1	10/03/23	10/03/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.4 %*	*70-130*	*10/03/23*	*10/03/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2340029
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/03/23	10/03/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.0 %*	*70-130*	*10/03/23*	*10/03/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2340050
Diesel Range Organics (C10-C28)	ND	25.0	1	10/03/23	10/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/03/23	10/06/23	
Surrogate: n-Nonane		*101 %*	*50-200*	*10/03/23*	*10/06/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2340065
Chloride	ND	20.0	1	10/04/23	10/06/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Roche Federal #1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/6/2023 2:04:24PM

S4 - 3'

E309243-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2340029
Benzene	ND	0.0250	1	10/03/23	10/03/23	
Ethylbenzene	ND	0.0250	1	10/03/23	10/03/23	
Toluene	ND	0.0250	1	10/03/23	10/03/23	
o-Xylene	ND	0.0250	1	10/03/23	10/03/23	
p,m-Xylene	ND	0.0500	1	10/03/23	10/03/23	
Total Xylenes	ND	0.0250	1	10/03/23	10/03/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.7 %*	*70-130*	*10/03/23*	*10/03/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2340029
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/03/23	10/03/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.1 %*	*70-130*	*10/03/23*	*10/03/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2340050
Diesel Range Organics (C10-C28)	ND	25.0	1	10/03/23	10/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/03/23	10/06/23	
Surrogate: n-Nonane		*98.5 %*	*50-200*	*10/03/23*	*10/06/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2340065
Chloride	ND	20.0	1	10/04/23	10/06/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Roche Federal #1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/6/2023 2:04:24PM

S4 - 4'

E309243-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2340029
Benzene	ND	0.0250	1	10/03/23	10/03/23	
Ethylbenzene	ND	0.0250	1	10/03/23	10/03/23	
Toluene	ND	0.0250	1	10/03/23	10/03/23	
o-Xylene	ND	0.0250	1	10/03/23	10/03/23	
p,m-Xylene	ND	0.0500	1	10/03/23	10/03/23	
Total Xylenes	ND	0.0250	1	10/03/23	10/03/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.2 %*	*70-130*	*10/03/23*	*10/03/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2340029
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/03/23	10/03/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.5 %*	*70-130*	*10/03/23*	*10/03/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2340050
Diesel Range Organics (C10-C28)	ND	25.0	1	10/03/23	10/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/03/23	10/06/23	
Surrogate: n-Nonane		*101 %*	*50-200*	*10/03/23*	*10/06/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2340065
Chloride	ND	20.0	1	10/04/23	10/06/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Roche Federal #1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/6/2023 2:04:24PM

SW1

E309243-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2340029
Benzene	ND	0.0250	1	10/03/23	10/03/23	
Ethylbenzene	ND	0.0250	1	10/03/23	10/03/23	
Toluene	ND	0.0250	1	10/03/23	10/03/23	
o-Xylene	ND	0.0250	1	10/03/23	10/03/23	
p,m-Xylene	ND	0.0500	1	10/03/23	10/03/23	
Total Xylenes	ND	0.0250	1	10/03/23	10/03/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.6 %*	*70-130*	*10/03/23*	*10/03/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2340029
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/03/23	10/03/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.3 %*	*70-130*	*10/03/23*	*10/03/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2340050
Diesel Range Organics (C10-C28)	ND	25.0	1	10/03/23	10/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/03/23	10/06/23	
Surrogate: n-Nonane		*100 %*	*50-200*	*10/03/23*	*10/06/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2340065
Chloride	ND	20.0	1	10/04/23	10/06/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Roche Federal #1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/6/2023 2:04:24PM

SW2

E309243-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2340029
Benzene	ND	0.0250	1	10/03/23	10/04/23	
Ethylbenzene	ND	0.0250	1	10/03/23	10/04/23	
Toluene	ND	0.0250	1	10/03/23	10/04/23	
o-Xylene	ND	0.0250	1	10/03/23	10/04/23	
p,m-Xylene	ND	0.0500	1	10/03/23	10/04/23	
Total Xylenes	ND	0.0250	1	10/03/23	10/04/23	
Surrogate: 4-Bromochlorobenzene-PID		*97.8 %*	*70-130*	*10/03/23*	*10/04/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2340029
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/03/23	10/04/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.5 %*	*70-130*	*10/03/23*	*10/04/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2340050
Diesel Range Organics (C10-C28)	ND	25.0	1	10/03/23	10/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/03/23	10/06/23	
Surrogate: n-Nonane		*101 %*	*50-200*	*10/03/23*	*10/06/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2340065
Chloride	ND	20.0	1	10/04/23	10/06/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Roche Federal #1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/6/2023 2:04:24PM

SW3

E309243-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2340029
Benzene	ND	0.0250	1	10/03/23	10/04/23	
Ethylbenzene	ND	0.0250	1	10/03/23	10/04/23	
Toluene	ND	0.0250	1	10/03/23	10/04/23	
o-Xylene	ND	0.0250	1	10/03/23	10/04/23	
p,m-Xylene	ND	0.0500	1	10/03/23	10/04/23	
Total Xylenes	ND	0.0250	1	10/03/23	10/04/23	
Surrogate: 4-Bromochlorobenzene-PID		*97.2 %*	*70-130*	*10/03/23*	*10/04/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2340029
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/03/23	10/04/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.7 %*	*70-130*	*10/03/23*	*10/04/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2340050
Diesel Range Organics (C10-C28)	ND	25.0	1	10/03/23	10/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/03/23	10/06/23	
Surrogate: n-Nonane		*102 %*	*50-200*	*10/03/23*	*10/06/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2340065
Chloride	ND	20.0	1	10/04/23	10/06/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Roche Federal #1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/6/2023 2:04:24PM

SW4

E309243-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2340029
Benzene	ND	0.0250	1	10/03/23	10/04/23	
Ethylbenzene	ND	0.0250	1	10/03/23	10/04/23	
Toluene	ND	0.0250	1	10/03/23	10/04/23	
o-Xylene	ND	0.0250	1	10/03/23	10/04/23	
p,m-Xylene	ND	0.0500	1	10/03/23	10/04/23	
Total Xylenes	ND	0.0250	1	10/03/23	10/04/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.8 %*	*70-130*	*10/03/23*	*10/04/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2340029
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/03/23	10/04/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.6 %*	*70-130*	*10/03/23*	*10/04/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2340050
Diesel Range Organics (C10-C28)	ND	25.0	1	10/03/23	10/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/03/23	10/06/23	
Surrogate: n-Nonane		*101 %*	*50-200*	*10/03/23*	*10/06/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2340065
Chloride	ND	20.0	1	10/04/23	10/06/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Roche Federal #1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/6/2023 2:04:24PM

SW5

E309243-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2340022
Benzene	ND	0.0250	1	10/03/23	10/04/23	
Ethylbenzene	ND	0.0250	1	10/03/23	10/04/23	
Toluene	ND	0.0250	1	10/03/23	10/04/23	
o-Xylene	ND	0.0250	1	10/03/23	10/04/23	
p,m-Xylene	ND	0.0500	1	10/03/23	10/04/23	
Total Xylenes	ND	0.0250	1	10/03/23	10/04/23	
Surrogate: Bromofluorobenzene		*109 %*	*70-130*	*10/03/23*	*10/04/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.5 %*	*70-130*	*10/03/23*	*10/04/23*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/03/23*	*10/04/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2340022
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/03/23	10/04/23	
Surrogate: Bromofluorobenzene		*109 %*	*70-130*	*10/03/23*	*10/04/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.5 %*	*70-130*	*10/03/23*	*10/04/23*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*10/03/23*	*10/04/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2340049
Diesel Range Organics (C10-C28)	ND	25.0	1	10/03/23	10/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/03/23	10/06/23	
Surrogate: n-Nonane		*89.8 %*	*50-200*	*10/03/23*	*10/06/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2340009
Chloride	ND	20.0	1	10/02/23	10/04/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Roche Federal #1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/6/2023 2:04:24PM

SW6

E309243-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2340022
Benzene	ND	0.0250	1	10/03/23	10/04/23	
Ethylbenzene	ND	0.0250	1	10/03/23	10/04/23	
Toluene	ND	0.0250	1	10/03/23	10/04/23	
o-Xylene	ND	0.0250	1	10/03/23	10/04/23	
p,m-Xylene	ND	0.0500	1	10/03/23	10/04/23	
Total Xylenes	ND	0.0250	1	10/03/23	10/04/23	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*10/03/23*	*10/04/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.4 %*	*70-130*	*10/03/23*	*10/04/23*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/03/23*	*10/04/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2340022
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/03/23	10/04/23	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*10/03/23*	*10/04/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.4 %*	*70-130*	*10/03/23*	*10/04/23*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*10/03/23*	*10/04/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2340049
Diesel Range Organics (C10-C28)	ND	25.0	1	10/03/23	10/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/03/23	10/06/23	
Surrogate: n-Nonane		*91.2 %*	*50-200*	*10/03/23*	*10/06/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2340009
Chloride	ND	20.0	1	10/02/23	10/04/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Roche Federal #1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/6/2023 2:04:24PM

BG1

E309243-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2340022
Benzene	ND	0.0250	1	10/03/23	10/04/23	
Ethylbenzene	ND	0.0250	1	10/03/23	10/04/23	
Toluene	ND	0.0250	1	10/03/23	10/04/23	
o-Xylene	ND	0.0250	1	10/03/23	10/04/23	
p,m-Xylene	ND	0.0500	1	10/03/23	10/04/23	
Total Xylenes	ND	0.0250	1	10/03/23	10/04/23	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*10/03/23*	*10/04/23*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*10/03/23*	*10/04/23*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*10/03/23*	*10/04/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2340022
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/03/23	10/04/23	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*10/03/23*	*10/04/23*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*10/03/23*	*10/04/23*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*10/03/23*	*10/04/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2340049
Diesel Range Organics (C10-C28)	ND	25.0	1	10/03/23	10/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/03/23	10/06/23	
Surrogate: n-Nonane		*93.7 %*	*50-200*	*10/03/23*	*10/06/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2340009
Chloride	ND	20.0	1	10/02/23	10/04/23	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Roche Federal #1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/6/2023 2:04:24PM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2340022-BLK1)									Prepared: 10/02/23 Analyzed: 10/03/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	*0.564*		*0.500*		*113*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.470*		*0.500*		*93.9*	*70-130*			
Surrogate: Toluene-d8	*0.514*		*0.500*		*103*	*70-130*			
LCS (2340022-BS1)									Prepared: 10/02/23 Analyzed: 10/03/23
Benzene	2.37	0.0250	2.50		94.7	70-130			
Ethylbenzene	2.50	0.0250	2.50		100	70-130			
Toluene	2.34	0.0250	2.50		93.5	70-130			
o-Xylene	2.57	0.0250	2.50		103	70-130			
p,m-Xylene	4.99	0.0500	5.00		99.9	70-130			
Total Xylenes	7.56	0.0250	7.50		101	70-130			
Surrogate: Bromofluorobenzene	*0.529*		*0.500*		*106*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.478*		*0.500*		*95.5*	*70-130*			
Surrogate: Toluene-d8	*0.502*		*0.500*		*100*	*70-130*			
Matrix Spike (2340022-MS1)				**Source: E309236-03**					Prepared: 10/02/23 Analyzed: 10/03/23
Benzene	2.29	0.0250	2.50	ND	91.5	48-131			
Ethylbenzene	2.39	0.0250	2.50	ND	95.4	45-135			
Toluene	2.27	0.0250	2.50	ND	90.9	48-130			
o-Xylene	2.29	0.0250	2.50	ND	91.8	43-135			
p,m-Xylene	4.55	0.0500	5.00	ND	91.0	43-135			
Total Xylenes	6.84	0.0250	7.50	ND	91.3	43-135			
Surrogate: Bromofluorobenzene	*0.510*		*0.500*		*102*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.479*		*0.500*		*95.7*	*70-130*			
Surrogate: Toluene-d8	*0.500*		*0.500*		*99.9*	*70-130*			
Matrix Spike Dup (2340022-MSD1)				**Source: E309236-03**					Prepared: 10/02/23 Analyzed: 10/03/23
Benzene	2.61	0.0250	2.50	ND	104	48-131	13.2	23	
Ethylbenzene	2.73	0.0250	2.50	ND	109	45-135	13.5	27	
Toluene	2.60	0.0250	2.50	ND	104	48-130	13.4	24	
o-Xylene	2.81	0.0250	2.50	ND	112	43-135	20.0	27	
p,m-Xylene	5.50	0.0500	5.00	ND	110	43-135	19.0	27	
Total Xylenes	8.31	0.0250	7.50	ND	111	43-135	19.3	27	
Surrogate: Bromofluorobenzene	*0.526*		*0.500*		*105*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.485*		*0.500*		*96.9*	*70-130*			
Surrogate: Toluene-d8	*0.500*		*0.500*		*99.9*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Roche Federal #1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/6/2023 2:04:24PM

Volatile Organics by EPA 8021B

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 (2340029-BLK1)									Prepared: 10/03/23 Analyzed: 10/03/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.50*		*8.00*		*93.7*	*70-130*			
LCS (2340029-BS1)									Prepared: 10/03/23 Analyzed: 10/03/23
Benzene	4.85	0.0250	5.00		97.0	70-130			
Ethylbenzene	4.70	0.0250	5.00		94.1	70-130			
Toluene	4.87	0.0250	5.00		97.5	70-130			
o-Xylene	4.81	0.0250	5.00		96.2	70-130			
p,m-Xylene	9.73	0.0500	10.0		97.3	70-130			
Total Xylenes	14.5	0.0250	15.0		97.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.55*		*8.00*		*94.3*	*70-130*			
Matrix Spike (2340029-MS1)				**Source: E309243-01**					Prepared: 10/03/23 Analyzed: 10/03/23
Benzene	4.17	0.0250	5.00	ND	83.4	54-133			
Ethylbenzene	4.03	0.0250	5.00	ND	80.5	61-133			
Toluene	4.18	0.0250	5.00	ND	83.5	61-130			
o-Xylene	4.12	0.0250	5.00	ND	82.4	63-131			
p,m-Xylene	8.35	0.0500	10.0	ND	83.5	63-131			
Total Xylenes	12.5	0.0250	15.0	ND	83.1	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.62*		*8.00*		*95.2*	*70-130*			
Matrix Spike Dup (2340029-MSD1)				**Source: E309243-01**					Prepared: 10/03/23 Analyzed: 10/03/23
Benzene	4.82	0.0250	5.00	ND	96.4	54-133	14.5	20	
Ethylbenzene	4.67	0.0250	5.00	ND	93.4	61-133	14.8	20	
Toluene	4.84	0.0250	5.00	ND	96.7	61-130	14.6	20	
o-Xylene	4.79	0.0250	5.00	ND	95.8	63-131	15.1	20	
p,m-Xylene	9.67	0.0500	10.0	ND	96.7	63-131	14.6	20	
Total Xylenes	14.5	0.0250	15.0	ND	96.4	63-131	14.8	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.57*		*8.00*		*94.6*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Roche Federal #1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/6/2023 2:04:24PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2340022-BLK1)									Prepared: 10/02/23 Analyzed: 10/03/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.564*		*0.500*		*113*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.470*		*0.500*		*93.9*	*70-130*			
Surrogate: Toluene-d8	*0.514*		*0.500*		*103*	*70-130*			
LCS (2340022-BS2)									Prepared: 10/02/23 Analyzed: 10/03/23
Gasoline Range Organics (C6-C10)	52.0	20.0	50.0		104	70-130			
Surrogate: Bromofluorobenzene	*0.544*		*0.500*		*109*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.461*		*0.500*		*92.2*	*70-130*			
Surrogate: Toluene-d8	*0.510*		*0.500*		*102*	*70-130*			
Matrix Spike (2340022-MS2)				**Source: E309236-03**					Prepared: 10/02/23 Analyzed: 10/03/23
Gasoline Range Organics (C6-C10)	56.4	20.0	50.0	ND	113	70-130			
Surrogate: Bromofluorobenzene	*0.546*		*0.500*		*109*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.475*		*0.500*		*94.9*	*70-130*			
Surrogate: Toluene-d8	*0.511*		*0.500*		*102*	*70-130*			
Matrix Spike Dup (2340022-MSD2)				**Source: E309236-03**					Prepared: 10/02/23 Analyzed: 10/03/23
Gasoline Range Organics (C6-C10)	53.7	20.0	50.0	ND	107	70-130	4.81	20	
Surrogate: Bromofluorobenzene	*0.539*		*0.500*		*108*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.462*		*0.500*		*92.3*	*70-130*			
Surrogate: Toluene-d8	*0.520*		*0.500*		*104*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Roche Federal #1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/6/2023 2:04:24PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2340029-BLK1)									Prepared: 10/03/23 Analyzed: 10/03/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.88*		*8.00*		*86.0*	*70-130*			
LCS (2340029-BS2)									Prepared: 10/03/23 Analyzed: 10/03/23
Gasoline Range Organics (C6-C10)	48.3	20.0	50.0		96.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.08*		*8.00*		*88.5*	*70-130*			
Matrix Spike (2340029-MS2)				**Source: E309243-01**					Prepared: 10/03/23 Analyzed: 10/03/23
Gasoline Range Organics (C6-C10)	52.2	20.0	50.0	ND	104	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.04*		*8.00*		*88.0*	*70-130*			
Matrix Spike Dup (2340029-MSD2)				**Source: E309243-01**					Prepared: 10/03/23 Analyzed: 10/03/23
Gasoline Range Organics (C6-C10)	48.8	20.0	50.0	ND	97.6	70-130	6.76	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.04*		*8.00*		*87.9*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Roche Federal #1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/6/2023 2:04:24PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2340049-BLK1)									Prepared: 10/03/23 Analyzed: 10/05/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*52.5*		*50.0*		*105*	*50-200*			
LCS (2340049-BS1)									Prepared: 10/03/23 Analyzed: 10/05/23
Diesel Range Organics (C10-C28)	233	25.0	250		93.2	38-132			
Surrogate: n-Nonane	*51.9*		*50.0*		*104*	*50-200*			
Matrix Spike (2340049-MS1)				**Source: E309242-14**					Prepared: 10/03/23 Analyzed: 10/05/23
Diesel Range Organics (C10-C28)	246	25.0	250	ND	98.6	38-132			
Surrogate: n-Nonane	*52.8*		*50.0*		*106*	*50-200*			
Matrix Spike Dup (2340049-MSD1)				**Source: E309242-14**					Prepared: 10/03/23 Analyzed: 10/05/23
Diesel Range Organics (C10-C28)	271	25.0	250	ND	108	38-132	9.39	20	
Surrogate: n-Nonane	*57.3*		*50.0*		*115*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Roche Federal #1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/6/2023 2:04:24PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2340050-BLK1)									Prepared: 10/03/23 Analyzed: 10/05/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*54.3*		*50.0*		*109*	*50-200*			
LCS (2340050-BS1)									Prepared: 10/03/23 Analyzed: 10/05/23
Diesel Range Organics (C10-C28)	245	25.0	250		98.0	38-132			
Surrogate: n-Nonane	*49.9*		*50.0*		*99.8*	*50-200*			
Matrix Spike (2340050-MS1)				**Source: E309243-04**					Prepared: 10/03/23 Analyzed: 10/05/23
Diesel Range Organics (C10-C28)	233	25.0	250	ND	93.1	38-132			
Surrogate: n-Nonane	*45.8*		*50.0*		*91.6*	*50-200*			
Matrix Spike Dup (2340050-MSD1)				**Source: E309243-04**					Prepared: 10/03/23 Analyzed: 10/05/23
Diesel Range Organics (C10-C28)	236	25.0	250	ND	94.2	38-132	1.23	20	
Surrogate: n-Nonane	*47.6*		*50.0*		*95.1*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Roche Federal #1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/6/2023 2:04:24PM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2340009-BLK1)									Prepared: 10/02/23 Analyzed: 10/04/23
Chloride	ND	20.0							
LCS (2340009-BS1)									Prepared: 10/02/23 Analyzed: 10/04/23
Chloride	264	20.0	250		105	90-110			
Matrix Spike (2340009-MS1)				**Source: E309243-21**					Prepared: 10/02/23 Analyzed: 10/04/23
Chloride	265	20.0	250	ND	106	80-120			
Matrix Spike Dup (2340009-MSD1)				**Source: E309243-21**					Prepared: 10/02/23 Analyzed: 10/04/23
Chloride	267	20.0	250	ND	107	80-120	0.746	20	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Roche Federal #1	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/6/2023 2:04:24PM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2340065-BLK1)									Prepared: 10/04/23 Analyzed: 10/06/23
Chloride	ND	20.0							
LCS (2340065-BS1)									Prepared: 10/04/23 Analyzed: 10/06/23
Chloride	250	20.0	250		100	90-110			
Matrix Spike (2340065-MS1)				**Source: E309243-01**					Prepared: 10/04/23 Analyzed: 10/06/23
Chloride	252	20.0	250	ND	101	80-120			
Matrix Spike Dup (2340065-MSD1)				**Source: E309243-01**					Prepared: 10/04/23 Analyzed: 10/06/23
Chloride	252	20.0	250	ND	101	80-120	0.0469	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:	Roche Federal #1	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/06/23 14:04

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

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

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

Project Information | Chain of Custody | Page 1 of 3

Client: Pima Environmental Services	Bill To
Project: Loche Federal ~~#8~~ #1	Attention: Devon
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project # 70-2
Report due by:	

Lab Use Only: Lab WO# E309243 | Job Number 01058-0001

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

EPA Program: CWA | SDWA | RCRA

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

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC NM	Remarks
10:50	9/27	S	1	S1-1'	1	X	
10:52	"	"	"	S1-2'	2	"	
10:59	"	"	"	S1-3'	3	"	
11:02	"	"	"	S1-4'	4	"	
11:10	"	"	"	S2-1'	5	"	
11:16	"	"	"	S2-2'	6	"	
11:21	"	"	"	S2-3'	7	"	
11:27	"	"	"	S2-4'	8	"	
11:31	"	"	"	S3-1'	9	"	
11:33	"	"	"	S3-2'	10	"	

Additional Instructions: Billing # 21199011

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
Lorine Adams	9/29/23	1:00	Michelle Gonzales	9-29-23	1300
Michelle Gonzales	9-29-23	1745		9-29-23	2330
	9.29.23	2330		9.30.23	930

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: Loche Federal #1	Attention: Devon
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project # 70-2
Report due by:	

Lab Use Only: Lab WO# E309243 | Job Number 01058-0002F

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

EPA Program: CWA | SDWA | RCRA

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

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks
11:35	9/27	S	1	S3-3'	11	
11:38				S3-4'	12	
11:41				S4-1'	13	
11:46				S4-2'	14	
11:52				S4-3'	15	
11:58				S4-4'	16	
12:00				SW1	17	
12:06				SW2	18	
12:09				SW3	19	
12:13				SW4	20	

Additional Instructions: Billing #2119011

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
Katrina Adams	9/29/23	1:00	Michelle Garcia	9-29-23	1300
Michelle Garcia	9-29-23	1745		9-29-23	2330
	9.29.23	2330		9.30.23	930

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	Lab Use Only
Project: Roche Federal #1	Attention: Devon	Lab WO# E309243
Project Manager: Tom Bynum	Address:	Job Number 01058-0007
Address: 5614 N. Lovington Hwy.	City, State, Zip	
City, State, Zip Hobbs, NM, 88240	Phone:	
Phone: 580-748-1613	Email:	
Email: tom@pimaoil.com	Pima Project # 70-2	
Report due by:		

TAT				EPA Program	
1D	2D	3D	Standard	CWA	SDWA
			x		
					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
12:21	9/27	S	1	SW5	21							x		
12:27	"	"	"	SW6	22							"		
12:31	"	"	"	BG1	23							"		

Analysis and Method

Additional Instructions: Billing # 21199611

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	9/29/23	1:00	Michelle Gaylor	9-29-23	1300
Michelle Gaylor	9-29-23	1745		9-29-23	2330
	9-29-23	2330		9-30-23	930

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: 10/2/2023 11:00:02AM

Sample Receipt Checklist (SRC)

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	09/30/23 09:30	Work Order ID:	E309243
Phone:	(575) 631-6977	Date Logged In:	09/29/23 19:29	Logged In By:	Alexa Michaels
Email:	tom@pimaoil.com	Due Date:	10/06/23 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	Yes	

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date

envirotech Inc.

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 459942

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 459942
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2320133653**
Incident Name	**NAPP2320133653 ROCHE FED CTB @ 0**
Incident Type	**Oil Release**
Incident Status	**Reclamation Report Received**
Incident Facility	**[fAPP2130625764] ROCHE FED CTB**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	ROCHE FED CTB
Date Release Discovered	07/19/2023
Surface Owner	Federal

Incident Details	
Please answer all the questions in this group.	
Incident Type	Oil 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	Cause: Equipment Failure | Pipeline (Any) | Crude Oil | Released: 1 BBL | Recovered: 0 BBL | Lost: 1 BBL.
Produced Water Released (bbls) Details	*Not answered.*
Is the concentration of chloride in the produced water >10,000 mg/l	*Not answered.*
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)	while checking the facility, personnel noticed an oil stain in the middle of a pasture. They found a casing line from the well to the battery leaking out gas and an oil mist which stained the surface soils of the pasture. The casing was shut and clamped to stop the release.

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 (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 459942
	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)	**More info needed to determine if this will be treated as a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	*Unavailable.*
Reasons why this would be considered a submission for a notification of a major release	*Unavailable.*
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

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

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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 05/08/2025

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 (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 459942
	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 26 and 50 (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	Greater than 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	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 1 and 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)	0
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
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	10/23/2023
On what date will (or did) the final sampling or liner inspection occur	09/27/2023
On what date will (or was) the remediation complete(d)	09/27/2023
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	0
What is the estimated volume (in cubic yards) that will be remediated	0
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.	

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 (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 459942
	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.)	*Not answered.*
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	*Not answered.*
(In Situ) Soil Vapor Extraction	*Not answered.*
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	*Not answered.*
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	*Not answered.*
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	*Not answered.*
Ground Water Abatement pursuant to 19.15.30 NMAC	*Not answered.*
OTHER (Non-listed remedial process)	Yes
Other Non-listed Remedial Process. Please specify	Excavation not required.
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: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 05/08/2025
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.	

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 (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 459942
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

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

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 (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 459942
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**460273**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**09/27/2023**
What was the (estimated) number of samples that were to be gathered	**3**
What was the sampling surface area in square feet	**574**

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	574
What was the total volume (cubic yards) remediated	0
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	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	Remediation Complete

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: 05/08/2025

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 (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 459942
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

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	574
What was the total volume of replacement material (in cubic yards) for this site	0
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)	12/01/2040
Summarize any additional reclamation activities not included by answers (above)	Remediation Complete
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: 05/08/2025

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 (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 459942
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

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.	

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

CONDITIONS

Action 459942

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 459942
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Reclamation Report for Incident #NAPP2320133653 ROCHE FED CTB, thank you. This Reclamation Report is approved.	6/4/2025