

Incident ID	NAB1715035797
District RP	
Facility ID	
Application ID	

## Site Assessment/Characterization

*This information must be provided to the appropriate district office no later than 90 days after the release discovery date.*

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>&lt;50</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- Field data
- Data table of soil contaminant concentration data
- Depth to water determination
- Determination of water sources and significant watercourses within 1/2-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

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

State of New Mexico  
Oil Conservation Division

Page 4

Incident ID	NAB1715035797
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Application ID	

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

Printed Name: Dale Woodall Title: Environmental Professional

Signature: *Dale Woodall* Date: 8/10/2023

email: dale.woodall@dvn.com Telephone: 575-748-1838

**OCD Only**

Received by: Shelly Wells Date: 8/10/2023

Incident ID	NAB1715035797
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## Closure

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

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

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

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

Printed Name: Dale Woodall Title: Environmental Professional  
 Signature: *Dale Woodall* Date: 8/10/2023  
 email: dale.woodall@dvn.com Telephone: 575-748-1838

**OCD Only**

Received by: Shelly Wells Date: 8/10/2023

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

Closure Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_



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

August 7, 2023

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

**Re: Site Assessment, and Closure Report**  
**Coral PWU 28 4H**  
**API No. 30-015-39328**  
**GPS: Latitude 32.625395 Longitude -104.074521**  
**UL -- P, Section 28, T19S, R29E**  
**Eddy County, NM**  
**NMOCD Ref. No. NAB1715035797**

Pima Environmental Services, LLC. (Pima) has been contracted by Devon Energy Production Company, LP (Devon) to perform a spill assessment, remediation activities, and submit this closure report for a Produced Water release that occurred at the Coral PWU 28 4H (Coral). The initial C-141 was submitted on May 26, 2017 (Appendix C). This incident was assigned Incident ID NAB1715035797 by the New Mexico Oil Conservation Division (NMOCD).

**Site Characterization**

The Coral is located approximately fourteen (14) miles southwest of Loco Hills, NM. This spill site is in Unit P, Section 28, Township 19S, Range 29E, Latitude 32.625395 Longitude -104.074521, Eddy County, NM. Figure 1 references a Location Map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is made up of piedmont-slope deposits Includes deposits of higher gradient tributaries bordering major stream valleys, alluvial veneers of the piedmont slope, and alluvial fans. May locally include uppermost Pliocene deposits. The soil in this area is made up of Reeves-Gypsum land complex, 0 to 3 percent slopes according to the United States Department of Agriculture Natural Resources Conservation Service soil survey (Appendix B). The drainage class in this area is well drained. There is a high potential for karst geology to be present around the Coral (Figure 3).

According to the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is 60 feet below grade surface (BGS). According to the United States Geological Survey (USGS), the nearest groundwater is 116 feet BGS. The closest waterway is a Salt Playa located approximately 4.75 miles to the southeast of this location. See Appendix A for referenced water surveys.

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

Reference Figure 2 for a Topographic Map.

**Release Information**

**NAB1715035797:** On July 14, 2016, a hole developed on the fire tube on a heater treater from normal wear and tear resulting in a fire on location. Causing fluid to be released. The released fluids were calculated to be approximately 20 barrels (bbls) of produced water. Loco Hills Fire Department extinguished the fire. No fluids were able to be recovered.

**Remediation Activities, Site Assessment, and Soil Sampling Results**

On July 13, 2023, Pima mobilized personnel to the site to begin collecting soil samples from spill area. The laboratory results of this sampling event can be found in the following data table. A Site Map can be found in Figure 4.

7-13-23 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
DEVON ENERGY -CORAL PWU 28 #004H								
Sample Date: 7/13/2023		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
S-1	1'	ND	ND	ND	ND	ND	ND	83.6
	3'	ND	ND	ND	ND	ND	ND	179
	4'	ND	ND	ND	ND	ND	ND	ND
S-2	1'	ND	ND	ND	ND	ND	ND	126
	3'	ND	ND	ND	ND	ND	ND	191
	4'	ND	ND	ND	ND	ND	ND	ND
S-3	1'	ND	ND	ND	ND	ND	ND	96.6
	3'	ND	ND	ND	ND	ND	ND	183
	4'	ND	ND	ND	ND	ND	ND	ND
S-4	1'	ND	ND	ND	ND	ND	ND	145
	3'	ND	ND	ND	ND	ND	ND	194
	4'	ND	ND	ND	ND	ND	ND	ND
S-5	1'	ND	ND	ND	ND	ND	ND	116
	3'	ND	ND	ND	ND	ND	ND	189
	4'	ND	ND	ND	ND	ND	ND	ND
S-6	1'	ND	ND	ND	ND	ND	ND	110
	3'	ND	ND	ND	ND	ND	ND	193
	4'	ND	ND	ND	ND	ND	ND	ND
SW 1	6"	ND	ND	ND	ND	ND	ND	ND
SW 2	6"	ND	ND	ND	ND	ND	ND	ND
SW 3	6"	ND	ND	ND	ND	ND	ND	ND
SW 4	6"	ND	ND	ND	ND	ND	ND	ND
SW 5	6"	ND	ND	ND	ND	ND	ND	ND
SW 6	6"	ND	ND	ND	ND	ND	ND	ND
SW 7	6"	ND	ND	ND	ND	ND	ND	ND
SW 8	6"	ND	ND	ND	ND	ND	ND	ND

ND- Analyte Not Detected

Complete laboratory reports can be found in Appendix E.

Based on the sample results, the bottoms and sidewalls were below NMOCD Closure Criteria 19.15.29 NMAC. See Appendix D for Photographic Documentation.

**Closure Request**

After careful review, Pima requests that this incident, NAB1715035797, be closed. Devon has complied with the applicable closure requirements set forth in rule 19.15.19.12 NMAC.

Should you have any questions or need additional information, please feel free to contact Gio Gomez at 806-782-1151 or [gio@pimaoil.com](mailto:gio@pimaoil.com).

Respectfully,



Gio Gomez  
Project Manager  
Pima Environmental Services, LLC

**Attachments**

Figures:

- 1- Location Map
- 2- Topographic Map
- 3- Karst Map
- 4- Site Map

Appendices:

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



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**Figures:**

1-Location Map

2-Topographic Map

3-Karst Map

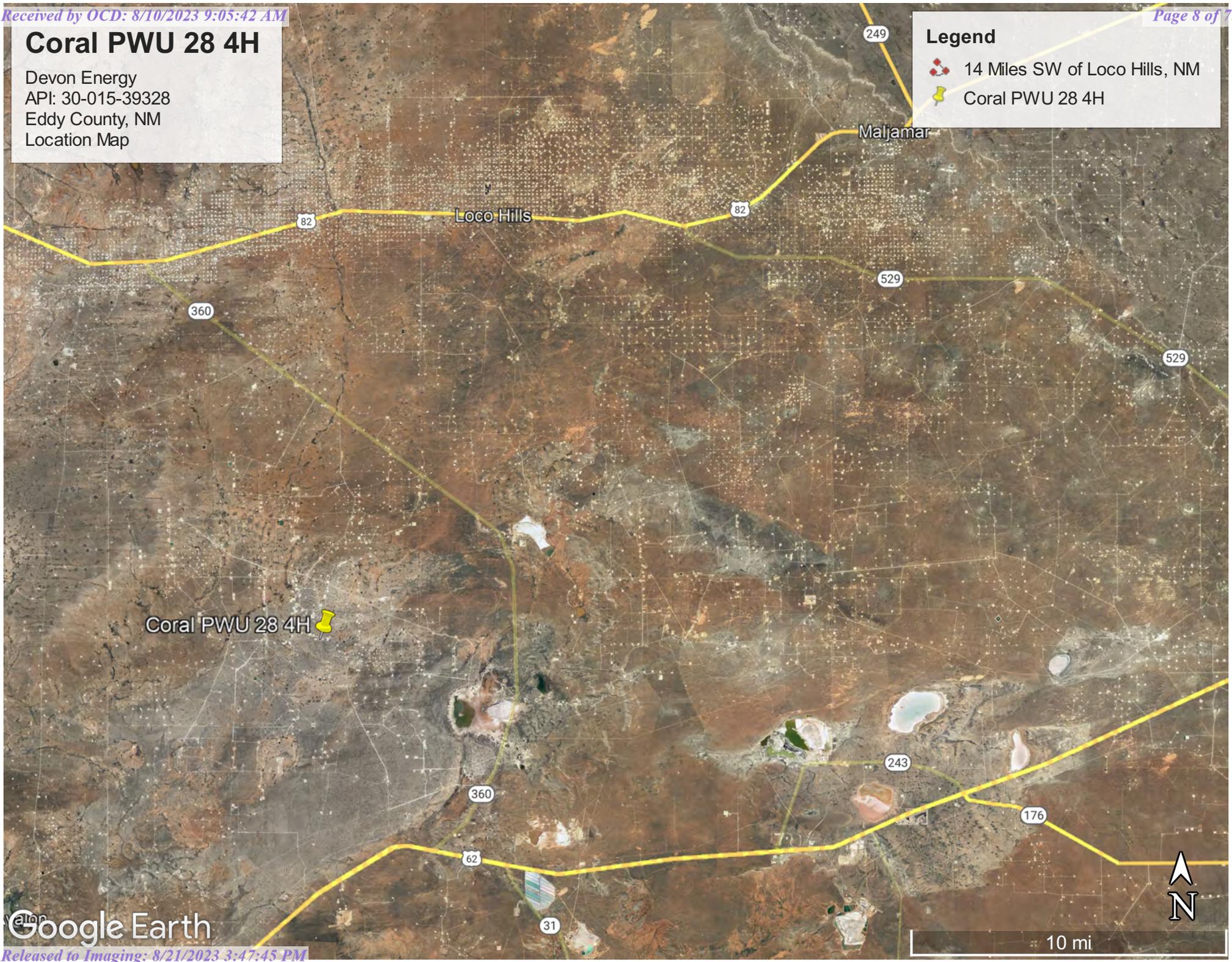
4-Site Map

# Coral PWU 28 4H

Devon Energy  
API: 30-015-39328  
Eddy County, NM  
Location Map

**Legend**

-  14 Miles SW of Loco Hills, NM
-  Coral PWU 28 4H



Coral PWU 28 4H 

Maljamar

Loco Hills

82

82

360

529

529

243

176

360

62

31

Google Earth

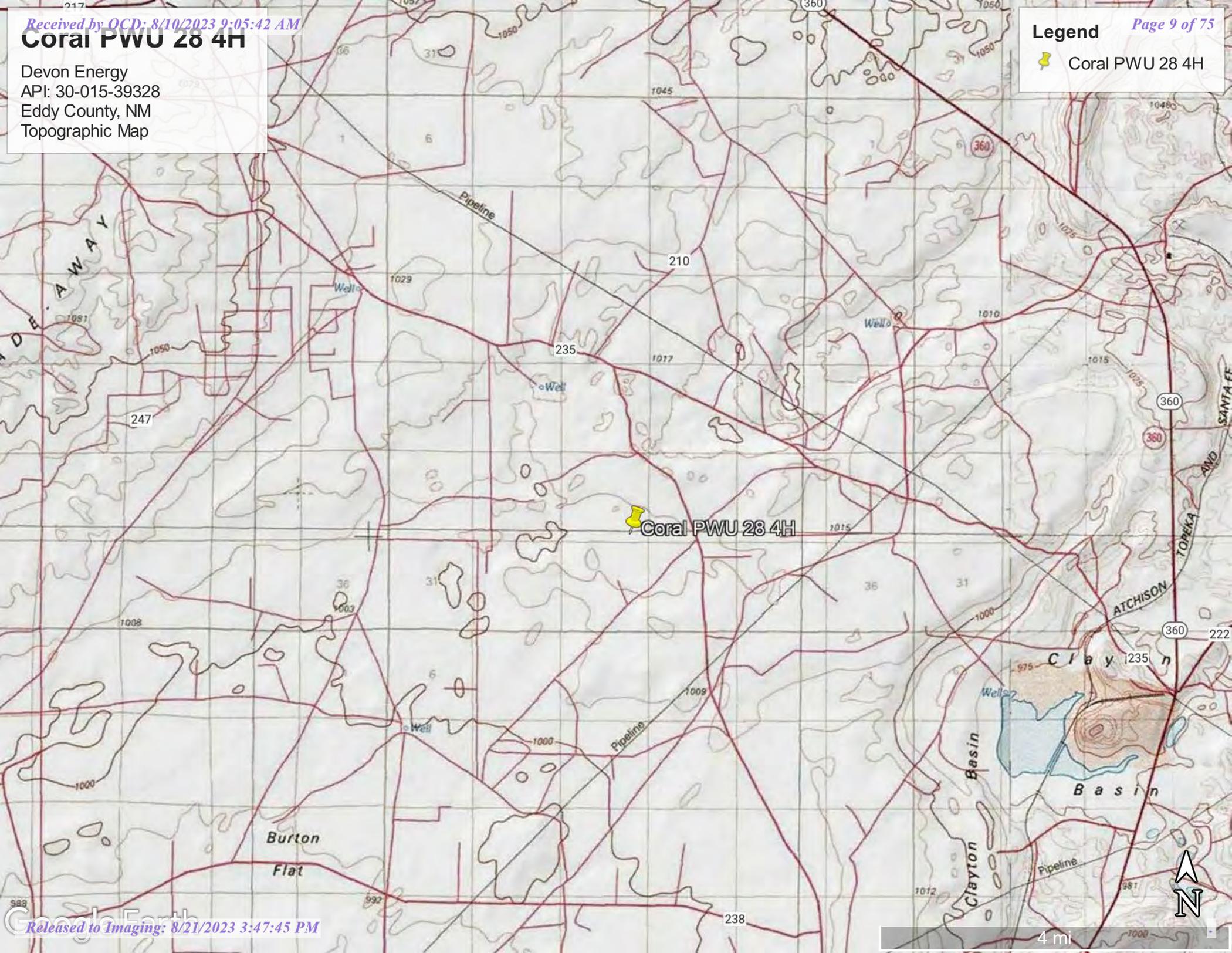


# Coral PWU 28 4H

Devon Energy  
API: 30-015-39328  
Eddy County, NM  
Topographic Map

**Legend**

-  Coral PWU 28 4H

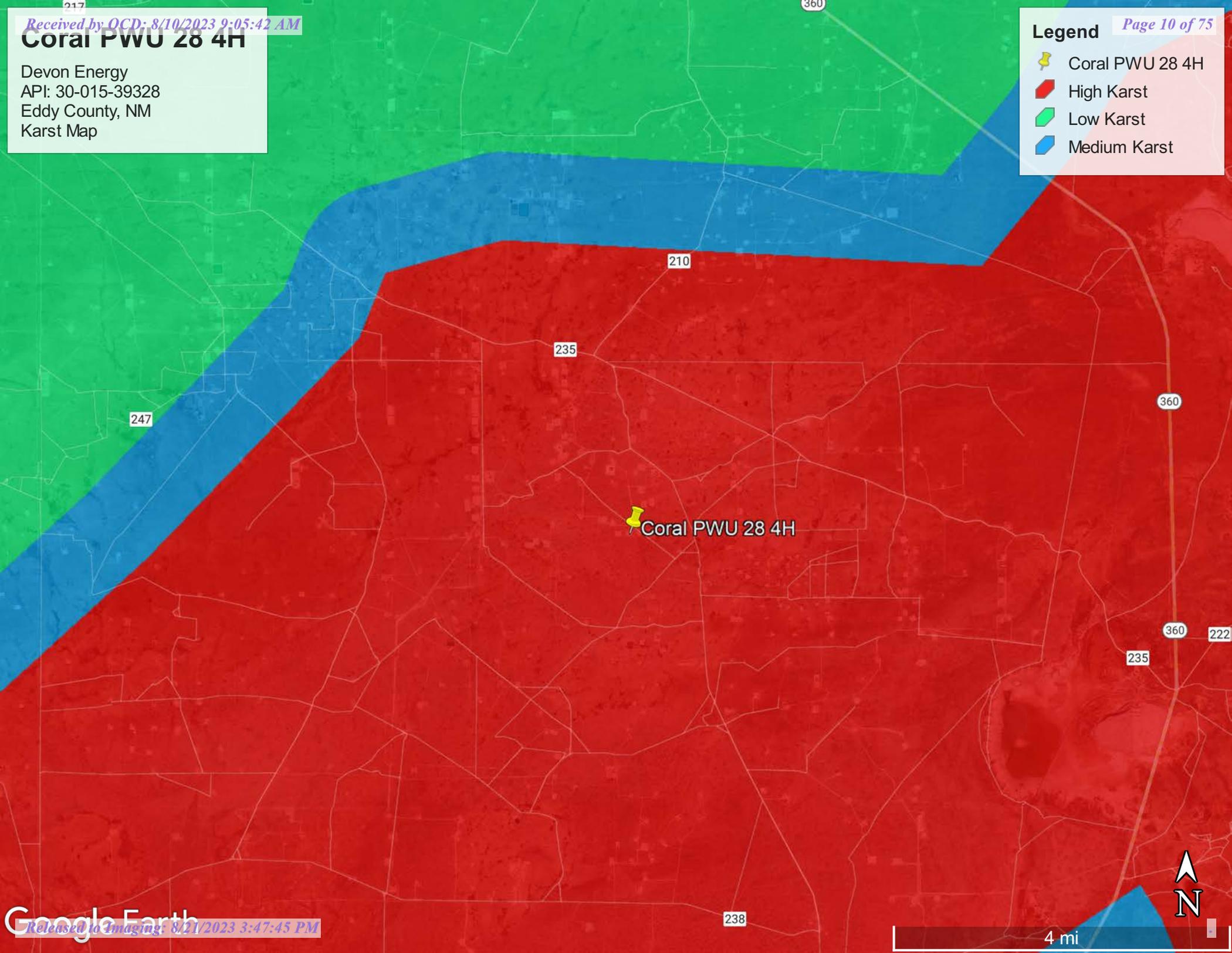


# Coral PWU 28 4H

Devon Energy  
API: 30-015-39328  
Eddy County, NM  
Karst Map

**Legend**

-  Coral PWU 28 4H
-  High Karst
-  Low Karst
-  Medium Karst

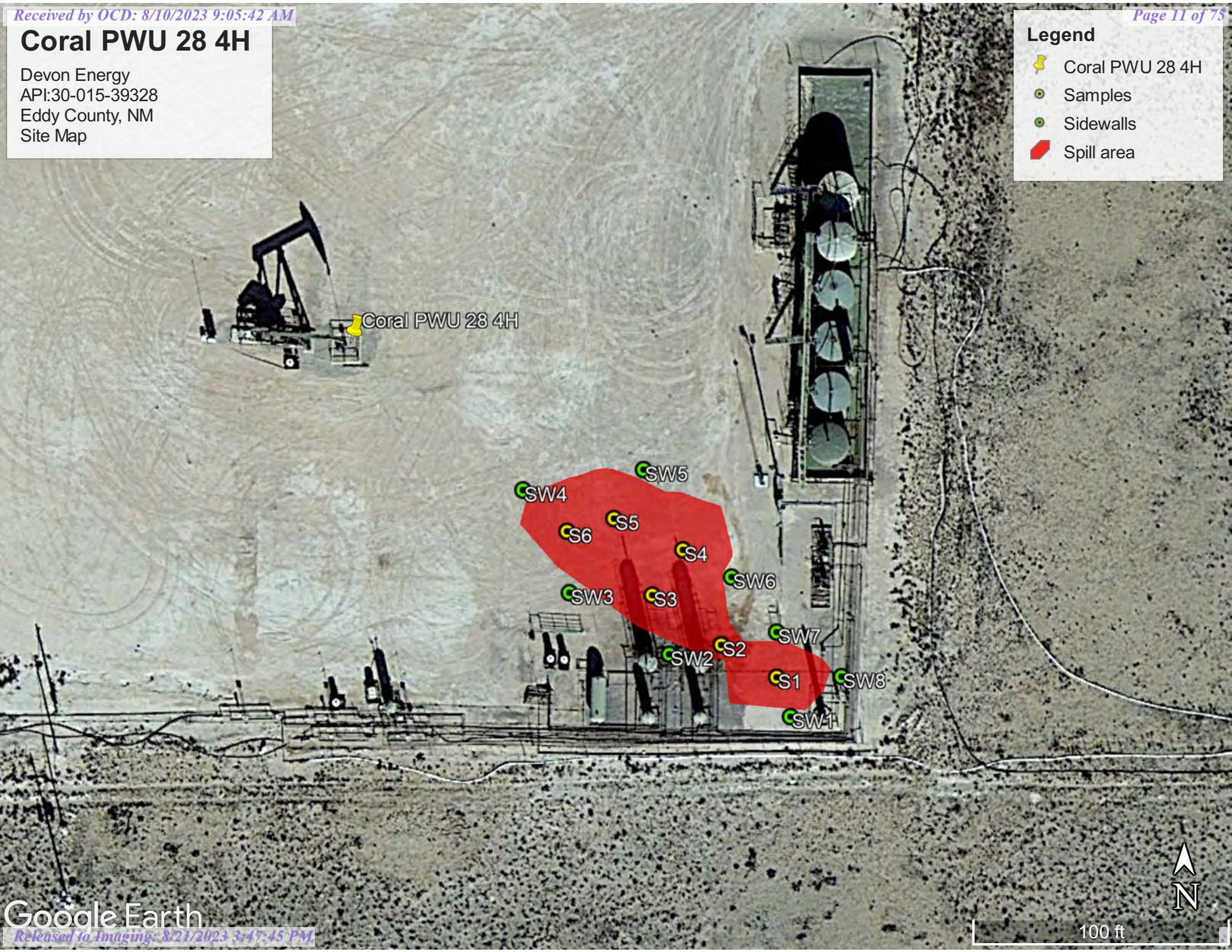


# Coral PWU 28 4H

Devon Energy  
API:30-015-39328  
Eddy County, NM  
Site Map

**Legend**

-  Coral PWU 28 4H
-  Samples
-  Sidewalls
-  Spill area





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**Appendix A**

Water Surveys:

OSE

USGS

Surface Water Map



# New Mexico Office of the State Engineer

## Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced,  
O=orphaned,  
C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
<a href="#">CP 00681</a>		CP	ED	1	1	3	34	19S	29E	587230	3609127*	1089			
<a href="#">CP 00741</a>		CP	ED	1	3	2	34	19S	29E	588030	3609533*	1352	230	60	170
<a href="#">CP 00830 POD1</a>		CP	LE	2	1	04	20S	29E	586118	3608193*	2066	120			
<a href="#">CP 00698 POD1</a>		CP	ED	3	1	03	20S	29E	587393	3608010	2202				
<a href="#">CP 00743 POD1</a>		CP	ED	2	4	05	20S	29E	585319	3607382*	3137	160			
<a href="#">CP 00739 POD1</a>		CP	ED	3	4	4	35	19S	29E	590068	3608622	3583	200	110	90
<a href="#">CP 00831 POD1</a>		CP	LE	2	2	10	20S	29E	588548	3606605*	3931	100			
<a href="#">CP 00703 POD1</a>		CP	ED	4	1	36	19S	29E	591050	3609382	4296	225	115	110	
<a href="#">CP 01231 POD1</a>		CP	ED	4	4	2	36	19S	28E	582311	3609372	4573	300	75	225
<a href="#">CP 00821 POD1</a>		CP	LE	4	4	25	19S	29E	591743	3610248*	4923	120			

Average Depth to Water: **90 feet**

Minimum Depth: **60 feet**

Maximum Depth: **115 feet**

**Record Count:** 10

**UTMNAD83 Radius Search (in meters):**

**Easting (X):** 586820.35

**Northing (Y):** 3610136.91

**Radius:** 5000

\*UTM location was derived from PLSS - see Help

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



USGS Home  
Contact USGS  
Search USGS

## National Water Information System: Web Interface

USGS Water Resources

Data Category:

Groundwater ▼

Geographic Area:

United States ▼

GO

Click to hide News Bulletins

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

Groundwater levels for the Nation

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

### Search Results -- 1 sites found

site\_no list =

- 323731104011801

Minimum number of levels = 1

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

### USGS 323731104011801 19S.29E.25.44332

Available data for this site

Groundwater: Field measurements ▼

GO

Eddy County, New Mexico

Hydrologic Unit Code 13060011

Latitude 32°37'31", Longitude 104°01'18" NAD27

Land-surface elevation 3,322 feet above NAVD88

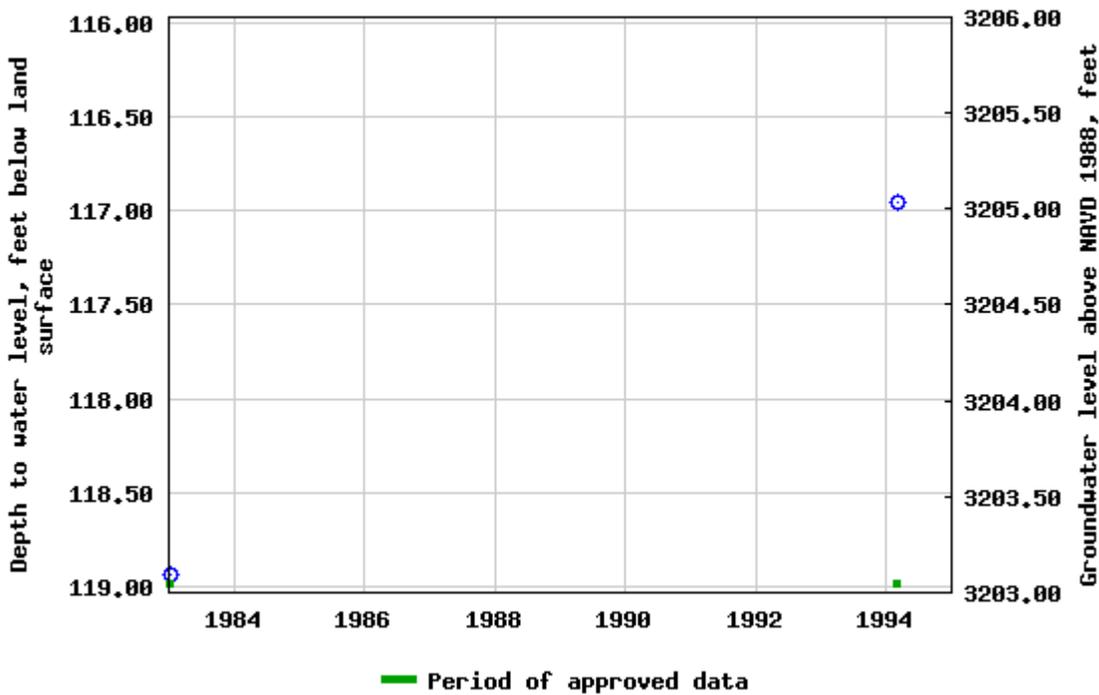
This well is completed in the Other aquifers (N9999OTHER) national aquifer.

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

#### Output formats

<a href="#">Table of data</a>
<a href="#">Tab-separated data</a>
<a href="#">Graph of data</a>
<a href="#">Reselect period</a>

USGS 323731104011801 19S.29E.25.44332



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

- [Questions about sites/data?](#)
- [Feedback on this web site](#)
- [Automated retrievals](#)
- [Help](#)
- [Data Tips](#)
- [Explanation of terms](#)
- [Subscribe for system changes](#)
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[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)

**Title: Groundwater for USA: Water Levels**

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



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

Page Last Modified: 2023-02-20 14:18:49 EST

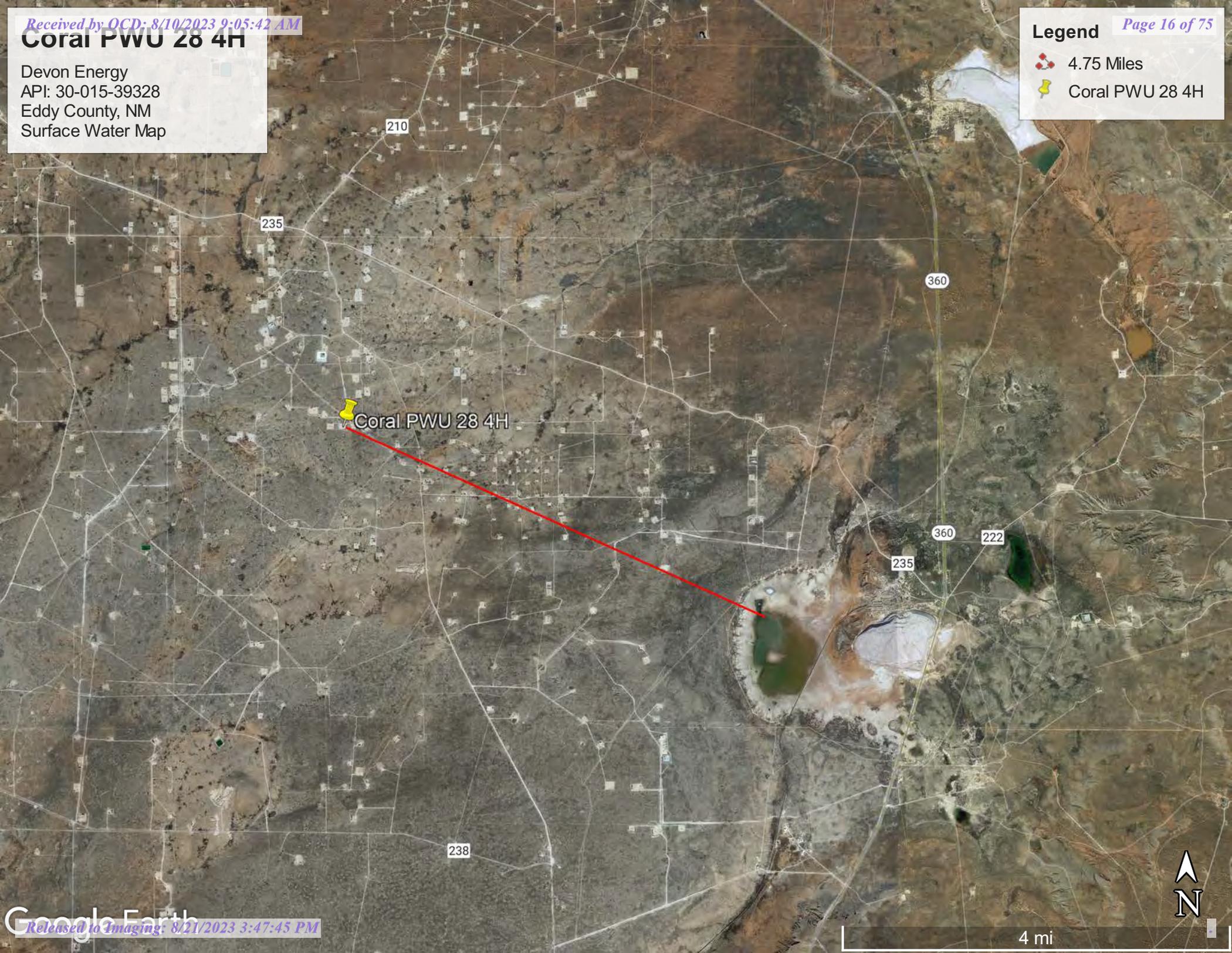
0.57 0.5 nadww01

# Coral PWU 28 4H

Devon Energy  
API: 30-015-39328  
Eddy County, NM  
Surface Water Map

**Legend**

-  4.75 Miles
-  Coral PWU 28 4H



Coral PWU 28 4H





Pima Environmental Services

**Appendix B**

Soil Survey & Geological Data

FEMA Flood Map

Wetlands Map

Map Unit Description: Reeves-Gypsum land complex, 0 to 3 percent slopes---Eddy Area, New Mexico

## Eddy Area, New Mexico

### RG—Reeves-Gypsum land complex, 0 to 3 percent slopes

#### Map Unit Setting

*National map unit symbol:* 1w5f  
*Elevation:* 1,250 to 5,000 feet  
*Mean annual precipitation:* 10 to 25 inches  
*Mean annual air temperature:* 57 to 70 degrees F  
*Frost-free period:* 190 to 235 days  
*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Reeves and similar soils:* 55 percent  
*Gypsum land:* 30 percent  
*Minor components:* 15 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Reeves

##### Setting

*Landform:* Ridges, plains, hills  
*Landform position (two-dimensional):* Shoulder, backslope, footslope, toeslope  
*Landform position (three-dimensional):* Side slope, head slope, nose slope, crest  
*Down-slope shape:* Convex  
*Across-slope shape:* Linear  
*Parent material:* Residuum weathered from gypsum

##### Typical profile

*H1 - 0 to 8 inches:* loam  
*H2 - 8 to 32 inches:* clay loam  
*H3 - 32 to 60 inches:* gypsiferous material

##### Properties and qualities

*Slope:* 0 to 1 percent  
*Depth to restrictive feature:* More than 80 inches  
*Drainage class:* Well drained  
*Runoff class:* High  
*Capacity of the most limiting layer to transmit water (Ksat):* Very low to moderately low (0.00 to 0.06 in/hr)  
*Depth to water table:* More than 80 inches  
*Frequency of flooding:* None  
*Frequency of ponding:* None  
*Calcium carbonate, maximum content:* 25 percent  
*Gypsum, maximum content:* 80 percent  
*Maximum salinity:* Very slightly saline to moderately saline (2.0 to 8.0 mmhos/cm)  
*Sodium adsorption ratio, maximum:* 4.0  
*Available water supply, 0 to 60 inches:* Low (about 4.3 inches)

Map Unit Description: Reeves-Gypsum land complex, 0 to 3 percent slopes---Eddy Area, New Mexico

---

### Interpretive groups

*Land capability classification (irrigated):* 3s  
*Land capability classification (nonirrigated):* 7s  
*Hydrologic Soil Group:* B  
*Ecological site:* R070BC007NM - Loamy  
*Hydric soil rating:* No

### Description of Gypsum Land

#### Setting

*Landform:* Ridges, plains, hills  
*Landform position (two-dimensional):* Shoulder, backslope, footslope, toeslope  
*Landform position (three-dimensional):* Side slope, head slope, nose slope, crest  
*Down-slope shape:* Convex  
*Across-slope shape:* Linear  
*Parent material:* Residuum weathered from gypsum

### Interpretive groups

*Land capability classification (irrigated):* None specified  
*Land capability classification (nonirrigated):* 8s  
*Hydric soil rating:* No

### Minor Components

#### Largo

*Percent of map unit:* 5 percent  
*Ecological site:* R070BC007NM - Loamy  
*Hydric soil rating:* No

#### Reagan

*Percent of map unit:* 5 percent  
*Ecological site:* R070BC007NM - Loamy  
*Hydric soil rating:* No

#### Cottonwood

*Percent of map unit:* 5 percent  
*Ecological site:* R070BC033NM - Salty Bottomland  
*Hydric soil rating:* No

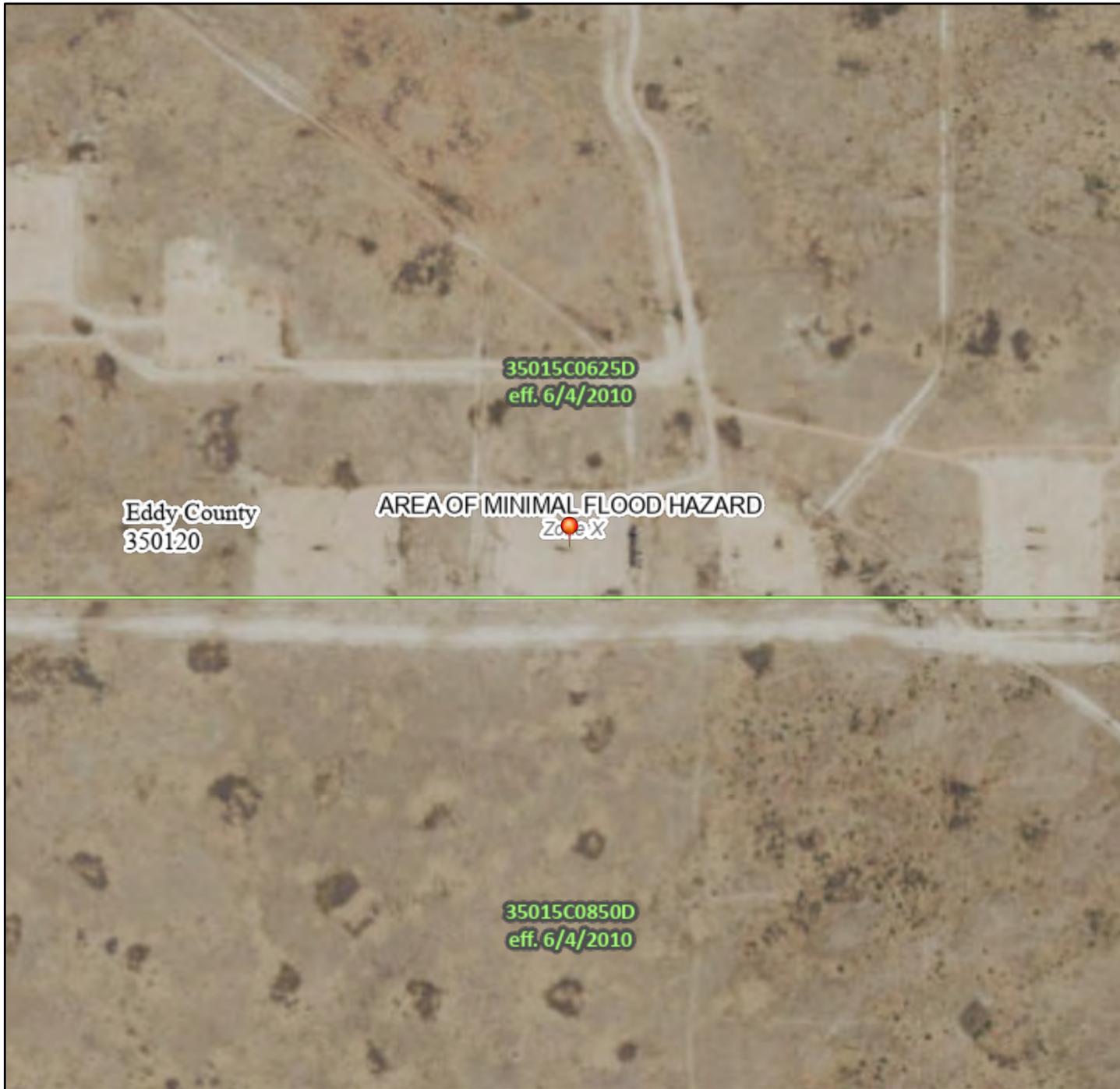
## Data Source Information

Soil Survey Area: Eddy Area, New Mexico  
Survey Area Data: Version 18, Sep 8, 2022

# National Flood Hazard Layer FIRMette



104°4'47"W 32°37'47"N



## Legend

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

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

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

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

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

OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 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



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 2/20/2023 at 2:20 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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



# Wetlands Map



February 20, 2023

### Wetlands

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

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



Pima Environmental Services

**Appendix C**

C-141 Form

Received 7/18/2016  
NMOCD Dist 2

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Form C-141  
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

**Release Notification and Corrective Action**

**NAB1715035797**

**OPERATOR**

Initial Report  Final Report

<b>Name of Company</b> Devon Energy Production Company <i>6137</i>	<b>Contact</b> Danny Velo, Production Foreman
<b>Address</b> 6488 Seven Rivers Hwy Artesia, NM 88210	<b>Telephone No.</b> 575.703.3360
<b>Facility Name</b> Coral PWU 28 4H	<b>Facility Type</b> Oil Well

<b>Surface Owner State</b>	<b>Mineral Owner State</b>	<b>API No</b> 30-015-39328
----------------------------	----------------------------	----------------------------

**LOCATION OF RELEASE**

Unit Letter P	Section 28	Township 19S	Range 29E	Feet from the 330	North/South Line FSL	Feet from the 990	East/West Line FEL	County Eddy
------------------	---------------	-----------------	--------------	----------------------	-------------------------	----------------------	-----------------------	----------------

**Latitude:** 32.625395 **Longitude:** -104.074521

**NATURE OF RELEASE**

<b>Type of Release</b> Produced Water (PW)	<b>Volume of Release</b> 20BBLS	<b>Volume Recovered</b> 0BBLS
<b>Source of Release</b> Hole in the fire tubing on heater treater	<b>Date and Hour of Occurrence</b> 7/14/2016 @ 10:00AM	<b>Date and Hour of Discovery</b> 7/14/2016 @ 10:00AM
<b>Was Immediate Notice Given?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	<b>If YES, To Whom?</b> OCD-Mike Bratcher	
<b>By Whom?</b> Jesse Armendariz, Assistant Production Foreman	<b>Date and Hour</b> OCD-Mike Bratcher-7/14/2016@ 11:30AM	
<b>Was a Watercourse Reached?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>If YES, Volume Impacting the Watercourse</b> N/A	

**If a Watercourse was Impacted, Describe Fully.\***  
N/A

**Describe Cause of Problem and Remedial Action Taken.\***  
20 BBLS of PW was released due to hole in the fire tubing on heater treater from normal wear and tear resulting in a fire on location. Loco Hills Fire Department was contacted and extinguished the fire. All tubing and casing on the Coral 28- 1, 2, 3, 4, 5, 6, and 7 were shut in and the inlet and outlet valves on the vessels from the production heater were also shut in to prevent further release. All battery power was shut off at disconnect and Supervisory Control and Data Acquisition Tech (SCADA) disconnected battery power to SCADA Panel. Repairs will be made.

**Describe Area Affected and Cleanup Action Taken.\***  
20BBLS PW released from a hole in the fire tubing on the heater treater. 0BBLS PW were recovered. The North East Side of location was where the fire occurred originating from the heater treater and the approximate total affected area is 113ft by 90ft all contained on pad. An environmental company will be contacted for remediation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

Signature: <i>Dana DeLaRosa</i>	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Dana DeLaRosa	Signed By: <i>Mike Bratcher</i>	
Title: <b>Field Admin Support</b>	Approved by Environmental Specialist:	Approval Date: <i>5/26/17</i> Expiration Date: <i>N/A</i>
E-mail Address: <i>dana.delarosa@dvn.com</i>	Conditions of Approval: <b>Remediation per O.C.D. Rules &amp; Guidelines</b> <input type="checkbox"/>	
Date: 7/18/2016 Phone: 575.746.5594	<b>SUBMIT REMEDIATION PROPOSAL NO</b>	

\* Attach Additional Sheets If Necessary

LATER THAN: *6/26/17*

Note: Late entry by OCD

*2RP-4229*

**Bratcher, Mike, EMNRD**

---

**From:** DeLaRosa, Dana <Dana.DeLaRosa@dvn.com>  
**Sent:** Monday, July 18, 2016 9:07 AM  
**To:** Bratcher, Mike, EMNRD; agroves@slo.state.nm.us  
**Subject:** Coral PWU 28 4H\_20BBLS PW\_7.14.16  
**Attachments:** Coral PWU 28 #4H\_20BBLS PW, 7.14.16\_Intial C141.doc; Coral PWU 28 #4H\_20BBLS PW, 7.14.16\_GIS Image.pdf; Coral PWU 28 4H\_Pic 1 of 2.jpg; Coral PWU 28 4H\_Pic 2 of 2.jpg

Good morning,

Attached is the Initial C141, GIS Image and photos for the 20BBL produced water release that occurred on 7.14.2016 at the Coral PWU 28 4H. The red dot on the GIS Image represents the approximate origin of release.

Thank you,

*Dana DeLaRosa*

Field Admin Support  
Production  
B-Schedule



Devon Energy Corporation  
PO Box 250  
Artesia, NM 88211  
575-746-5594

Confidentiality Warning: This message and any attachments are intended only for the use of the intended recipient(s), are confidential, and may be privileged. If you are not the intended recipient, you are hereby notified that any review, retransmission, conversion to hard copy, copying, circulation or other use of all or any portion of this message and any attachments is strictly prohibited. If you are not the intended recipient, please notify the sender immediately by return e-mail, and delete this message and any attachments from your system.

Incident ID	NAB1715035797
District RP	
Facility ID	
Application ID	

## Site Assessment/Characterization

*This information must be provided to the appropriate district office no later than 90 days after the release discovery date.*

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>50</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

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

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

State of New Mexico  
Oil Conservation Division

Incident ID	NAB1715035797
District RP	
Facility ID	
Application ID	

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

Printed Name: Dale Woodall Title: Environmental Professional

Signature: *Dale Woodall* Date: 8/10/2023

email: dale.woodall@dnv.com Telephone: 575-748-1838

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

Incident ID	NAB1715035797
District RP	
Facility ID	
Application ID	

## Closure

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

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

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

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

Printed Name: Dale Woodall Title: Environmental Professional  
 Signature: *Dale Woodall* Date: 8/10/2023  
 email: dale.woodall@dvn.com Telephone: 575-748-1838

**OCD Only**

Received by: Jocelyn Harimon Date: 8/10/2023

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

Closure Approved by:  Date: 8/21/2023  
 Printed Name: Jocelyn Harimon Title: Environmental Specialist



Pima Environmental Services

**Appendix D**

Photographic Documentation



**SITE PHOTOGRAPHS  
DEVON ENERGY  
CORAL PWU 28 4H**

Site Assessment



**devon**  
CORAL PWU 28 #04H  
30-015-38606  
SL: SEC.28-T19S-R29E 705' FSL & 330' FEL  
BL: SEC.28-T19S-R29E 660' FSL & 330' FWL  
EDDY COUNTY, NEW MEXICO  
LAT. N 32° 37' 35.0976" LONG. W 104° 04' 20.5392"  
DEVON CORPORATE CONTACT: 800-361-3377



+32.625288,-104.074204  
Eddy County  
Devon  
Coral PWU 28 #004H  
Assessment



+32.625174,-104.074224  
Eddy County  
Devon  
Coral PWU 28 #004H  
Assessment



Pima Environmental Services

**Appendix E**

Laboratory Reports

Report to:  
Tom Bynum



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Coral PWU 28 #004H

Work Order: E307084

Job Number: 01058-0007

Received: 7/18/2023

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
7/24/23

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 7/24/23



Tom Bynum  
PO Box 247  
Plains, TX 79355-0247

Project Name: Coral PWU 28 #004H  
Workorder: E307084  
Date Received: 7/18/2023 8:15:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/18/2023 8:15:00AM, under the Project Name: Coral PWU 28 #004H.

The analytical test results summarized in this report with the Project Name: Coral PWU 28 #004H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto:labadmin@envirotech-inc.com)

Field Offices:

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

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

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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## Sample Summary

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

Project Name: Coral PWU 28 #004H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
07/24/23 13:48

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1 - 1'	E307084-01A	Soil	07/13/23	07/18/23	Glass Jar, 2 oz.
S1 - 3'	E307084-02A	Soil	07/13/23	07/18/23	Glass Jar, 2 oz.
S1 - 4'	E307084-03A	Soil	07/13/23	07/18/23	Glass Jar, 2 oz.
S2 - 1'	E307084-04A	Soil	07/13/23	07/18/23	Glass Jar, 2 oz.
S2 - 3'	E307084-05A	Soil	07/13/23	07/18/23	Glass Jar, 2 oz.
S2 - 4'	E307084-06A	Soil	07/13/23	07/18/23	Glass Jar, 2 oz.
S3 - 1'	E307084-07A	Soil	07/13/23	07/18/23	Glass Jar, 2 oz.
S3 - 3'	E307084-08A	Soil	07/13/23	07/18/23	Glass Jar, 2 oz.
S3 - 4'	E307084-09A	Soil	07/13/23	07/18/23	Glass Jar, 2 oz.
S4 - 1'	E307084-10A	Soil	07/13/23	07/18/23	Glass Jar, 2 oz.
S4 - 3'	E307084-11A	Soil	07/13/23	07/18/23	Glass Jar, 2 oz.
S4 - 4'	E307084-12A	Soil	07/13/23	07/18/23	Glass Jar, 2 oz.
S5 - 1'	E307084-13A	Soil	07/13/23	07/18/23	Glass Jar, 2 oz.
S5 - 3'	E307084-14A	Soil	07/13/23	07/18/23	Glass Jar, 2 oz.
S5 - 4'	E307084-15A	Soil	07/13/23	07/18/23	Glass Jar, 2 oz.
S6 - 1'	E307084-16A	Soil	07/13/23	07/18/23	Glass Jar, 2 oz.
S6 - 3'	E307084-17A	Soil	07/13/23	07/18/23	Glass Jar, 2 oz.
S6 - 4'	E307084-18A	Soil	07/13/23	07/18/23	Glass Jar, 2 oz.
SW1	E307084-19A	Soil	07/13/23	07/18/23	Glass Jar, 2 oz.
SW2	E307084-20A	Soil	07/13/23	07/18/23	Glass Jar, 2 oz.
SW3	E307084-21A	Soil	07/13/23	07/18/23	Glass Jar, 2 oz.
SW4	E307084-22A	Soil	07/13/23	07/18/23	Glass Jar, 2 oz.
SW5	E307084-23A	Soil	07/13/23	07/18/23	Glass Jar, 2 oz.
SW6	E307084-24A	Soil	07/13/23	07/18/23	Glass Jar, 2 oz.
SW7	E307084-25A	Soil	07/13/23	07/18/23	Glass Jar, 2 oz.
SW8	E307084-26A	Soil	07/13/23	07/18/23	Glass Jar, 2 oz.



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Coral PWU 28 #004H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 7/24/2023 1:48:33PM
---	--	---

S1 - 1'

E307084-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2329021
Benzene	ND	0.0250	1	07/18/23	07/18/23	
Ethylbenzene	ND	0.0250	1	07/18/23	07/18/23	
Toluene	ND	0.0250	1	07/18/23	07/18/23	
o-Xylene	ND	0.0250	1	07/18/23	07/18/23	
p,m-Xylene	ND	0.0500	1	07/18/23	07/18/23	
Total Xylenes	ND	0.0250	1	07/18/23	07/18/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.7 %	70-130	07/18/23	07/18/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2329021
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/18/23	07/18/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		83.6 %	70-130	07/18/23	07/18/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2329060
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/23	07/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/23	07/21/23	
<i>Surrogate: n-Nonane</i>		108 %	50-200	07/20/23	07/21/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2329028
Chloride	83.6	20.0	1	07/18/23	07/19/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Coral PWU 28 #004H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 7/24/2023 1:48:33PM
---	--	---

S1 - 3'

E307084-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2329021
Benzene	ND	0.0250	1	07/18/23	07/18/23	
Ethylbenzene	ND	0.0250	1	07/18/23	07/18/23	
Toluene	ND	0.0250	1	07/18/23	07/18/23	
o-Xylene	ND	0.0250	1	07/18/23	07/18/23	
p,m-Xylene	ND	0.0500	1	07/18/23	07/18/23	
Total Xylenes	ND	0.0250	1	07/18/23	07/18/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.2 %	70-130	07/18/23	07/18/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2329021
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/18/23	07/18/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		83.8 %	70-130	07/18/23	07/18/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2329060
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/23	07/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/23	07/21/23	
<i>Surrogate: n-Nonane</i>		106 %	50-200	07/20/23	07/21/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2329028
Chloride	179	20.0	1	07/18/23	07/19/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Coral PWU 28 #004H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 7/24/2023 1:48:33PM
---	--	---

S1 - 4'

E307084-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2329021
Benzene	ND	0.0250	1	07/18/23	07/18/23	
Ethylbenzene	ND	0.0250	1	07/18/23	07/18/23	
Toluene	ND	0.0250	1	07/18/23	07/18/23	
o-Xylene	ND	0.0250	1	07/18/23	07/18/23	
p,m-Xylene	ND	0.0500	1	07/18/23	07/18/23	
Total Xylenes	ND	0.0250	1	07/18/23	07/18/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.3 %	70-130	07/18/23	07/18/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2329021
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/18/23	07/18/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		83.6 %	70-130	07/18/23	07/18/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2329060
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/23	07/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/23	07/21/23	
<i>Surrogate: n-Nonane</i>		115 %	50-200	07/20/23	07/21/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2329028
Chloride	ND	20.0	1	07/18/23	07/19/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Coral PWU 28 #004H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 7/24/2023 1:48:33PM
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S2 - 1'

E307084-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2329021
Benzene	ND	0.0250	1	07/18/23	07/18/23	
Ethylbenzene	ND	0.0250	1	07/18/23	07/18/23	
Toluene	ND	0.0250	1	07/18/23	07/18/23	
o-Xylene	ND	0.0250	1	07/18/23	07/18/23	
p,m-Xylene	ND	0.0500	1	07/18/23	07/18/23	
Total Xylenes	ND	0.0250	1	07/18/23	07/18/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.2 %	70-130	07/18/23	07/18/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2329021
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/18/23	07/18/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		84.9 %	70-130	07/18/23	07/18/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2329060
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/23	07/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/23	07/21/23	
<i>Surrogate: n-Nonane</i>		110 %	50-200	07/20/23	07/21/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2329028
Chloride	126	20.0	1	07/18/23	07/19/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Coral PWU 28 #004H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 7/24/2023 1:48:33PM
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S2 - 3'

E307084-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2329021
Benzene	ND	0.0250	1	07/18/23	07/18/23	
Ethylbenzene	ND	0.0250	1	07/18/23	07/18/23	
Toluene	ND	0.0250	1	07/18/23	07/18/23	
o-Xylene	ND	0.0250	1	07/18/23	07/18/23	
p,m-Xylene	ND	0.0500	1	07/18/23	07/18/23	
Total Xylenes	ND	0.0250	1	07/18/23	07/18/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.4 %	70-130	07/18/23	07/18/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2329021
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/18/23	07/18/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		83.5 %	70-130	07/18/23	07/18/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2329060
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/23	07/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/23	07/21/23	
<i>Surrogate: n-Nonane</i>		108 %	50-200	07/20/23	07/21/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2329028
Chloride	191	20.0	1	07/18/23	07/19/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Coral PWU 28 #004H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 7/24/2023 1:48:33PM
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S2 - 4'

E307084-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2329021
Benzene	ND	0.0250	1	07/18/23	07/18/23	
Ethylbenzene	ND	0.0250	1	07/18/23	07/18/23	
Toluene	ND	0.0250	1	07/18/23	07/18/23	
o-Xylene	ND	0.0250	1	07/18/23	07/18/23	
p,m-Xylene	ND	0.0500	1	07/18/23	07/18/23	
Total Xylenes	ND	0.0250	1	07/18/23	07/18/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.8 %	70-130	07/18/23	07/18/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2329021
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/18/23	07/18/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		83.3 %	70-130	07/18/23	07/18/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2329060
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/23	07/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/23	07/21/23	
<i>Surrogate: n-Nonane</i>		111 %	50-200	07/20/23	07/21/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2329028
Chloride	ND	20.0	1	07/18/23	07/19/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Coral PWU 28 #004H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 7/24/2023 1:48:33PM
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S3 - 1'

E307084-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2329021
Benzene	ND	0.0250	1	07/18/23	07/18/23	
Ethylbenzene	ND	0.0250	1	07/18/23	07/18/23	
Toluene	ND	0.0250	1	07/18/23	07/18/23	
o-Xylene	ND	0.0250	1	07/18/23	07/18/23	
p,m-Xylene	ND	0.0500	1	07/18/23	07/18/23	
Total Xylenes	ND	0.0250	1	07/18/23	07/18/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.8 %	70-130	07/18/23	07/18/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2329021
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/18/23	07/18/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		83.8 %	70-130	07/18/23	07/18/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2329060
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/23	07/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/23	07/21/23	
<i>Surrogate: n-Nonane</i>		116 %	50-200	07/20/23	07/21/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2329028
Chloride	96.6	20.0	1	07/18/23	07/19/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Coral PWU 28 #004H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 7/24/2023 1:48:33PM
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**S3 - 3'**

**E307084-08**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2329021
Benzene	ND	0.0250	1	07/18/23	07/19/23	
Ethylbenzene	ND	0.0250	1	07/18/23	07/19/23	
Toluene	ND	0.0250	1	07/18/23	07/19/23	
o-Xylene	ND	0.0250	1	07/18/23	07/19/23	
p,m-Xylene	ND	0.0500	1	07/18/23	07/19/23	
Total Xylenes	ND	0.0250	1	07/18/23	07/19/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.3 %	70-130	07/18/23	07/19/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2329021
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/18/23	07/19/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		83.8 %	70-130	07/18/23	07/19/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2329060
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/23	07/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/23	07/21/23	
<i>Surrogate: n-Nonane</i>		111 %	50-200	07/20/23	07/21/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2329028
Chloride	183	40.0	2	07/18/23	07/19/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Coral PWU 28 #004H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 7/24/2023 1:48:33PM
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S3 - 4'

E307084-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2329021
Benzene	ND	0.0250	1	07/18/23	07/19/23	
Ethylbenzene	ND	0.0250	1	07/18/23	07/19/23	
Toluene	ND	0.0250	1	07/18/23	07/19/23	
o-Xylene	ND	0.0250	1	07/18/23	07/19/23	
p,m-Xylene	ND	0.0500	1	07/18/23	07/19/23	
Total Xylenes	ND	0.0250	1	07/18/23	07/19/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.0 %	70-130	07/18/23	07/19/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2329021
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/18/23	07/19/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		84.3 %	70-130	07/18/23	07/19/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2329060
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/23	07/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/23	07/21/23	
<i>Surrogate: n-Nonane</i>		116 %	50-200	07/20/23	07/21/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2329028
Chloride	ND	20.0	1	07/18/23	07/19/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Coral PWU 28 #004H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 7/24/2023 1:48:33PM
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S4 - 1'

E307084-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2329021
Benzene	ND	0.0250	1	07/18/23	07/19/23	
Ethylbenzene	ND	0.0250	1	07/18/23	07/19/23	
Toluene	ND	0.0250	1	07/18/23	07/19/23	
o-Xylene	ND	0.0250	1	07/18/23	07/19/23	
p,m-Xylene	ND	0.0500	1	07/18/23	07/19/23	
Total Xylenes	ND	0.0250	1	07/18/23	07/19/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.1 %	70-130	07/18/23	07/19/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2329021
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/18/23	07/19/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		84.4 %	70-130	07/18/23	07/19/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2329060
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/23	07/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/23	07/21/23	
<i>Surrogate: n-Nonane</i>		111 %	50-200	07/20/23	07/21/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2329028
Chloride	145	20.0	1	07/18/23	07/19/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Coral PWU 28 #004H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 7/24/2023 1:48:33PM
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S4 - 3'

E307084-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2329021
Benzene	ND	0.0250	1	07/18/23	07/19/23	
Ethylbenzene	ND	0.0250	1	07/18/23	07/19/23	
Toluene	ND	0.0250	1	07/18/23	07/19/23	
o-Xylene	ND	0.0250	1	07/18/23	07/19/23	
p,m-Xylene	ND	0.0500	1	07/18/23	07/19/23	
Total Xylenes	ND	0.0250	1	07/18/23	07/19/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		96.9 %	70-130	07/18/23	07/19/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2329021
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/18/23	07/19/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		83.9 %	70-130	07/18/23	07/19/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2329060
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/23	07/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/23	07/21/23	
<i>Surrogate: n-Nonane</i>						
		112 %	50-200	07/20/23	07/21/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2329028
Chloride	194	40.0	2	07/18/23	07/19/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Coral PWU 28 #004H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 7/24/2023 1:48:33PM
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S4 - 4'

E307084-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2329021
Benzene	ND	0.0250	1	07/18/23	07/19/23	
Ethylbenzene	ND	0.0250	1	07/18/23	07/19/23	
Toluene	ND	0.0250	1	07/18/23	07/19/23	
o-Xylene	ND	0.0250	1	07/18/23	07/19/23	
p,m-Xylene	ND	0.0500	1	07/18/23	07/19/23	
Total Xylenes	ND	0.0250	1	07/18/23	07/19/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.1 %	70-130	07/18/23	07/19/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2329021
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/18/23	07/19/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		83.8 %	70-130	07/18/23	07/19/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2329060
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/23	07/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/23	07/21/23	
<i>Surrogate: n-Nonane</i>		115 %	50-200	07/20/23	07/21/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2329028
Chloride	ND	20.0	1	07/18/23	07/19/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Coral PWU 28 #004H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 7/24/2023 1:48:33PM
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S5 - 1'

E307084-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2329021
Benzene	ND	0.0250	1	07/18/23	07/19/23	
Ethylbenzene	ND	0.0250	1	07/18/23	07/19/23	
Toluene	ND	0.0250	1	07/18/23	07/19/23	
o-Xylene	ND	0.0250	1	07/18/23	07/19/23	
p,m-Xylene	ND	0.0500	1	07/18/23	07/19/23	
Total Xylenes	ND	0.0250	1	07/18/23	07/19/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.5 %	70-130	07/18/23	07/19/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2329021
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/18/23	07/19/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		83.0 %	70-130	07/18/23	07/19/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2329060
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/23	07/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/23	07/21/23	
<i>Surrogate: n-Nonane</i>		109 %	50-200	07/20/23	07/21/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2329028
Chloride	116	20.0	1	07/18/23	07/19/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Coral PWU 28 #004H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 7/24/2023 1:48:33PM
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S5 - 3'

E307084-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2329021
Benzene	ND	0.0250	1	07/18/23	07/19/23	
Ethylbenzene	ND	0.0250	1	07/18/23	07/19/23	
Toluene	ND	0.0250	1	07/18/23	07/19/23	
o-Xylene	ND	0.0250	1	07/18/23	07/19/23	
p,m-Xylene	ND	0.0500	1	07/18/23	07/19/23	
Total Xylenes	ND	0.0250	1	07/18/23	07/19/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.8 %	70-130	07/18/23	07/19/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2329021
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/18/23	07/19/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		84.3 %	70-130	07/18/23	07/19/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2329060
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/23	07/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/23	07/21/23	
<i>Surrogate: n-Nonane</i>		109 %	50-200	07/20/23	07/21/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2329028
Chloride	189	20.0	1	07/18/23	07/19/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Coral PWU 28 #004H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 7/24/2023 1:48:33PM
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S5 - 4'

E307084-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2329021
Benzene	ND	0.0250	1	07/18/23	07/19/23	
Ethylbenzene	ND	0.0250	1	07/18/23	07/19/23	
Toluene	ND	0.0250	1	07/18/23	07/19/23	
o-Xylene	ND	0.0250	1	07/18/23	07/19/23	
p,m-Xylene	ND	0.0500	1	07/18/23	07/19/23	
Total Xylenes	ND	0.0250	1	07/18/23	07/19/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.2 %	70-130	07/18/23	07/19/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2329021
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/18/23	07/19/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		81.6 %	70-130	07/18/23	07/19/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2329060
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/23	07/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/23	07/21/23	
<i>Surrogate: n-Nonane</i>		112 %	50-200	07/20/23	07/21/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2329028
Chloride	ND	20.0	1	07/18/23	07/19/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Coral PWU 28 #004H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 7/24/2023 1:48:33PM
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S6 - 1'

E307084-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2329021
Benzene	ND	0.0250	1	07/18/23	07/19/23	
Ethylbenzene	ND	0.0250	1	07/18/23	07/19/23	
Toluene	ND	0.0250	1	07/18/23	07/19/23	
o-Xylene	ND	0.0250	1	07/18/23	07/19/23	
p,m-Xylene	ND	0.0500	1	07/18/23	07/19/23	
Total Xylenes	ND	0.0250	1	07/18/23	07/19/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.8 %	70-130	07/18/23	07/19/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2329021
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/18/23	07/19/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		84.6 %	70-130	07/18/23	07/19/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2329060
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/23	07/22/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/23	07/22/23	
<i>Surrogate: n-Nonane</i>		111 %	50-200	07/20/23	07/22/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2329028
Chloride	110	20.0	1	07/18/23	07/19/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Coral PWU 28 #004H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 7/24/2023 1:48:33PM
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S6 - 3'

E307084-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2329021
Benzene	ND	0.0250	1	07/18/23	07/19/23	
Ethylbenzene	ND	0.0250	1	07/18/23	07/19/23	
Toluene	ND	0.0250	1	07/18/23	07/19/23	
o-Xylene	ND	0.0250	1	07/18/23	07/19/23	
p,m-Xylene	ND	0.0500	1	07/18/23	07/19/23	
Total Xylenes	ND	0.0250	1	07/18/23	07/19/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.9 %	70-130	07/18/23	07/19/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2329021
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/18/23	07/19/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		84.8 %	70-130	07/18/23	07/19/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2329060
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/23	07/22/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/23	07/22/23	
<i>Surrogate: n-Nonane</i>		119 %	50-200	07/20/23	07/22/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2329028
Chloride	193	20.0	1	07/18/23	07/19/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Coral PWU 28 #004H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 7/24/2023 1:48:33PM
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S6 - 4'

E307084-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2329021
Benzene	ND	0.0250	1	07/18/23	07/19/23	
Ethylbenzene	ND	0.0250	1	07/18/23	07/19/23	
Toluene	ND	0.0250	1	07/18/23	07/19/23	
o-Xylene	ND	0.0250	1	07/18/23	07/19/23	
p,m-Xylene	ND	0.0500	1	07/18/23	07/19/23	
Total Xylenes	ND	0.0250	1	07/18/23	07/19/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.9 %	70-130	07/18/23	07/19/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2329021
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/18/23	07/19/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		85.6 %	70-130	07/18/23	07/19/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2329060
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/23	07/22/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/23	07/22/23	
<i>Surrogate: n-Nonane</i>		112 %	50-200	07/20/23	07/22/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2329028
Chloride	ND	20.0	1	07/18/23	07/19/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Coral PWU 28 #004H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 7/24/2023 1:48:33PM
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**SW1**

**E307084-19**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2329021
Benzene	ND	0.0250	1	07/18/23	07/19/23	
Ethylbenzene	ND	0.0250	1	07/18/23	07/19/23	
Toluene	ND	0.0250	1	07/18/23	07/19/23	
o-Xylene	ND	0.0250	1	07/18/23	07/19/23	
p,m-Xylene	ND	0.0500	1	07/18/23	07/19/23	
Total Xylenes	ND	0.0250	1	07/18/23	07/19/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.2 %	70-130	07/18/23	07/19/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2329021
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/18/23	07/19/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		84.0 %	70-130	07/18/23	07/19/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2329060
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/23	07/22/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/23	07/22/23	
<i>Surrogate: n-Nonane</i>		120 %	50-200	07/20/23	07/22/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2329028
Chloride	ND	20.0	1	07/18/23	07/19/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Coral PWU 28 #004H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 7/24/2023 1:48:33PM
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**SW2**

**E307084-20**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2329021
Benzene	ND	0.0250	1	07/18/23	07/19/23	
Ethylbenzene	ND	0.0250	1	07/18/23	07/19/23	
Toluene	ND	0.0250	1	07/18/23	07/19/23	
o-Xylene	ND	0.0250	1	07/18/23	07/19/23	
p,m-Xylene	ND	0.0500	1	07/18/23	07/19/23	
Total Xylenes	ND	0.0250	1	07/18/23	07/19/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.1 %	70-130	07/18/23	07/19/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2329021
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/18/23	07/19/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		82.6 %	70-130	07/18/23	07/19/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2329060
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/23	07/22/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/23	07/22/23	
<i>Surrogate: n-Nonane</i>		112 %	50-200	07/20/23	07/22/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2329028
Chloride	ND	20.0	1	07/18/23	07/19/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Coral PWU 28 #004H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 7/24/2023 1:48:33PM
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**SW3**

**E307084-21**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2329022
Benzene	ND	0.0250	1	07/18/23	07/20/23	
Ethylbenzene	ND	0.0250	1	07/18/23	07/20/23	
Toluene	ND	0.0250	1	07/18/23	07/20/23	
o-Xylene	ND	0.0250	1	07/18/23	07/20/23	
p,m-Xylene	ND	0.0500	1	07/18/23	07/20/23	
Total Xylenes	ND	0.0250	1	07/18/23	07/20/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	07/18/23	07/20/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2329022
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/18/23	07/20/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		82.8 %	70-130	07/18/23	07/20/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2329068
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/23	07/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/23	07/21/23	
<i>Surrogate: n-Nonane</i>		90.2 %	50-200	07/20/23	07/21/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2329027
Chloride	ND	20.0	1	07/18/23	07/19/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Coral PWU 28 #004H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 7/24/2023 1:48:33PM
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**SW4**

**E307084-22**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2329022
Benzene	ND	0.0250	1	07/18/23	07/20/23	
Ethylbenzene	ND	0.0250	1	07/18/23	07/20/23	
Toluene	ND	0.0250	1	07/18/23	07/20/23	
o-Xylene	ND	0.0250	1	07/18/23	07/20/23	
p,m-Xylene	ND	0.0500	1	07/18/23	07/20/23	
Total Xylenes	ND	0.0250	1	07/18/23	07/20/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	07/18/23	07/20/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2329022
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/18/23	07/20/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		82.3 %	70-130	07/18/23	07/20/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2329068
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/23	07/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/23	07/21/23	
<i>Surrogate: n-Nonane</i>		87.2 %	50-200	07/20/23	07/21/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2329027
Chloride	ND	20.0	1	07/18/23	07/19/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Coral PWU 28 #004H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 7/24/2023 1:48:33PM
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**SW5**

**E307084-23**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2329022
Benzene	ND	0.0250	1	07/18/23	07/20/23	
Ethylbenzene	ND	0.0250	1	07/18/23	07/20/23	
Toluene	ND	0.0250	1	07/18/23	07/20/23	
o-Xylene	ND	0.0250	1	07/18/23	07/20/23	
p,m-Xylene	ND	0.0500	1	07/18/23	07/20/23	
Total Xylenes	ND	0.0250	1	07/18/23	07/20/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	07/18/23	07/20/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2329022
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/18/23	07/20/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		82.9 %	70-130	07/18/23	07/20/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2329068
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/23	07/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/23	07/21/23	
<i>Surrogate: n-Nonane</i>		88.6 %	50-200	07/20/23	07/21/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2329027
Chloride	ND	20.0	1	07/18/23	07/19/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Coral PWU 28 #004H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 7/24/2023 1:48:33PM
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**SW6**

**E307084-24**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2329022
Benzene	ND	0.0250	1	07/18/23	07/20/23	
Ethylbenzene	ND	0.0250	1	07/18/23	07/20/23	
Toluene	ND	0.0250	1	07/18/23	07/20/23	
o-Xylene	ND	0.0250	1	07/18/23	07/20/23	
p,m-Xylene	ND	0.0500	1	07/18/23	07/20/23	
Total Xylenes	ND	0.0250	1	07/18/23	07/20/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.9 %	70-130	07/18/23	07/20/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2329022
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/18/23	07/20/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		83.0 %	70-130	07/18/23	07/20/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2329068
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/23	07/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/23	07/21/23	
<i>Surrogate: n-Nonane</i>		95.6 %	50-200	07/20/23	07/21/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2329027
Chloride	ND	20.0	1	07/18/23	07/19/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Coral PWU 28 #004H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 7/24/2023 1:48:33PM
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**SW7**

**E307084-25**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2329022
Benzene	ND	0.0250	1	07/18/23	07/20/23	
Ethylbenzene	ND	0.0250	1	07/18/23	07/20/23	
Toluene	ND	0.0250	1	07/18/23	07/20/23	
o-Xylene	ND	0.0250	1	07/18/23	07/20/23	
p,m-Xylene	ND	0.0500	1	07/18/23	07/20/23	
Total Xylenes	ND	0.0250	1	07/18/23	07/20/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	07/18/23	07/20/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2329022
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/18/23	07/20/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		83.4 %	70-130	07/18/23	07/20/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2329068
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/23	07/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/23	07/21/23	
<i>Surrogate: n-Nonane</i>		91.2 %	50-200	07/20/23	07/21/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2329027
Chloride	ND	20.0	1	07/18/23	07/19/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Coral PWU 28 #004H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 7/24/2023 1:48:33PM
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**SW8**

**E307084-26**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2329022
Benzene	ND	0.0250	1	07/18/23	07/20/23	
Ethylbenzene	ND	0.0250	1	07/18/23	07/20/23	
Toluene	ND	0.0250	1	07/18/23	07/20/23	
o-Xylene	ND	0.0250	1	07/18/23	07/20/23	
p,m-Xylene	ND	0.0500	1	07/18/23	07/20/23	
Total Xylenes	ND	0.0250	1	07/18/23	07/20/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	07/18/23	07/20/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2329022
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/18/23	07/20/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		82.4 %	70-130	07/18/23	07/20/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2329068
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/23	07/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/23	07/21/23	
<i>Surrogate: n-Nonane</i>		94.5 %	50-200	07/20/23	07/21/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2329027
Chloride	ND	20.0	1	07/18/23	07/19/23	



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Coral PWU 28 #004H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 7/24/2023 1:48:33PM
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#### Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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#### Blank (2329021-BLK1)

Prepared: 07/18/23 Analyzed: 07/18/23

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	7.80		8.00		97.5	70-130			

#### LCS (2329021-BS1)

Prepared: 07/18/23 Analyzed: 07/18/23

Benzene	4.86	0.0250	5.00		97.1	70-130			
Ethylbenzene	4.81	0.0250	5.00		96.3	70-130			
Toluene	4.87	0.0250	5.00		97.4	70-130			
o-Xylene	4.81	0.0250	5.00		96.2	70-130			
p,m-Xylene	9.80	0.0500	10.0		98.0	70-130			
Total Xylenes	14.6	0.0250	15.0		97.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.78		8.00		97.2	70-130			

#### Matrix Spike (2329021-MS1)

Source: E307084-07

Prepared: 07/18/23 Analyzed: 07/18/23

Benzene	4.82	0.0250	5.00	ND	96.5	54-133			
Ethylbenzene	4.77	0.0250	5.00	ND	95.3	61-133			
Toluene	4.85	0.0250	5.00	ND	97.0	61-130			
o-Xylene	4.80	0.0250	5.00	ND	95.9	63-131			
p,m-Xylene	9.73	0.0500	10.0	ND	97.3	63-131			
Total Xylenes	14.5	0.0250	15.0	ND	96.8	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.78		8.00		97.2	70-130			

#### Matrix Spike Dup (2329021-MSD1)

Source: E307084-07

Prepared: 07/18/23 Analyzed: 07/18/23

Benzene	4.84	0.0250	5.00	ND	96.8	54-133	0.346	20	
Ethylbenzene	4.80	0.0250	5.00	ND	96.0	61-133	0.719	20	
Toluene	4.87	0.0250	5.00	ND	97.3	61-130	0.347	20	
o-Xylene	4.83	0.0250	5.00	ND	96.5	63-131	0.641	20	
p,m-Xylene	9.78	0.0500	10.0	ND	97.8	63-131	0.535	20	
Total Xylenes	14.6	0.0250	15.0	ND	97.4	63-131	0.570	20	
Surrogate: 4-Bromochlorobenzene-PID	7.82		8.00		97.8	70-130			



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Coral PWU 28 #004H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 7/24/2023 1:48:33PM
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#### Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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#### Blank (2329022-BLK1)

Prepared: 07/18/23 Analyzed: 07/20/23

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	7.90		8.00		98.8	70-130			

#### LCS (2329022-BS1)

Prepared: 07/18/23 Analyzed: 07/20/23

Benzene	4.64	0.0250	5.00		92.8	70-130			
Ethylbenzene	4.51	0.0250	5.00		90.3	70-130			
Toluene	4.66	0.0250	5.00		93.2	70-130			
o-Xylene	4.69	0.0250	5.00		93.8	70-130			
p,m-Xylene	9.34	0.0500	10.0		93.4	70-130			
Total Xylenes	14.0	0.0250	15.0		93.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.96		8.00		99.5	70-130			

#### Matrix Spike (2329022-MS1)

Source: E307084-22

Prepared: 07/18/23 Analyzed: 07/20/23

Benzene	4.55	0.0250	5.00	ND	91.0	54-133			
Ethylbenzene	4.47	0.0250	5.00	ND	89.3	61-133			
Toluene	4.60	0.0250	5.00	ND	91.9	61-130			
o-Xylene	4.65	0.0250	5.00	ND	93.0	63-131			
p,m-Xylene	9.26	0.0500	10.0	ND	92.6	63-131			
Total Xylenes	13.9	0.0250	15.0	ND	92.7	63-131			
Surrogate: 4-Bromochlorobenzene-PID	8.03		8.00		100	70-130			

#### Matrix Spike Dup (2329022-MSD1)

Source: E307084-22

Prepared: 07/18/23 Analyzed: 07/20/23

Benzene	4.90	0.0250	5.00	ND	98.0	54-133	7.46	20	
Ethylbenzene	4.79	0.0250	5.00	ND	95.7	61-133	6.95	20	
Toluene	4.94	0.0250	5.00	ND	98.7	61-130	7.16	20	
o-Xylene	4.95	0.0250	5.00	ND	99.0	63-131	6.21	20	
p,m-Xylene	9.89	0.0500	10.0	ND	98.9	63-131	6.62	20	
Total Xylenes	14.8	0.0250	15.0	ND	98.9	63-131	6.48	20	
Surrogate: 4-Bromochlorobenzene-PID	8.06		8.00		101	70-130			



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Coral PWU 28 #004H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 7/24/2023 1:48:33PM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2329021-BLK1)**

Prepared: 07/18/23 Analyzed: 07/18/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.63		8.00		82.9	70-130			

**LCS (2329021-BS2)**

Prepared: 07/18/23 Analyzed: 07/18/23

Gasoline Range Organics (C6-C10)	42.9	20.0	50.0		85.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.84		8.00		85.5	70-130			

**Matrix Spike (2329021-MS2)**

Source: E307084-07

Prepared: 07/18/23 Analyzed: 07/18/23

Gasoline Range Organics (C6-C10)	41.8	20.0	50.0	ND	83.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.82		8.00		85.2	70-130			

**Matrix Spike Dup (2329021-MSD2)**

Source: E307084-07

Prepared: 07/18/23 Analyzed: 07/18/23

Gasoline Range Organics (C6-C10)	41.5	20.0	50.0	ND	83.0	70-130	0.762	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.80		8.00		85.0	70-130			



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Coral PWU 28 #004H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 7/24/2023 1:48:33PM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2329022-BLK1)**

Prepared: 07/18/23 Analyzed: 07/20/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.67		8.00		83.4	70-130			

**LCS (2329022-BS2)**

Prepared: 07/18/23 Analyzed: 07/20/23

Gasoline Range Organics (C6-C10)	39.4	20.0	50.0		78.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.73		8.00		84.1	70-130			

**Matrix Spike (2329022-MS2)**

Source: E307084-22

Prepared: 07/18/23 Analyzed: 07/20/23

Gasoline Range Organics (C6-C10)	39.5	20.0	50.0	ND	79.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.65		8.00		83.2	70-130			

**Matrix Spike Dup (2329022-MSD2)**

Source: E307084-22

Prepared: 07/18/23 Analyzed: 07/20/23

Gasoline Range Organics (C6-C10)	37.4	20.0	50.0	ND	74.8	70-130	5.45	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.73		8.00		84.1	70-130			



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Coral PWU 28 #004H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 7/24/2023 1:48:33PM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2329060-BLK1)**

Prepared: 07/20/23 Analyzed: 07/21/23

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	57.4		50.0		115	50-200			

**LCS (2329060-BS1)**

Prepared: 07/20/23 Analyzed: 07/21/23

Diesel Range Organics (C10-C28)	274	25.0	250		109	38-132			
Surrogate: <i>n</i> -Nonane	56.5		50.0		113	50-200			

**Matrix Spike (2329060-MS1)**

Source: E307084-15

Prepared: 07/20/23 Analyzed: 07/21/23

Diesel Range Organics (C10-C28)	256	25.0	250	ND	102	38-132			
Surrogate: <i>n</i> -Nonane	55.4		50.0		111	50-200			

**Matrix Spike Dup (2329060-MSD1)**

Source: E307084-15

Prepared: 07/20/23 Analyzed: 07/21/23

Diesel Range Organics (C10-C28)	255	25.0	250	ND	102	38-132	0.547	20	
Surrogate: <i>n</i> -Nonane	54.1		50.0		108	50-200			



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Coral PWU 28 #004H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 7/24/2023 1:48:33PM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2329068-BLK1)**

Prepared: 07/20/23 Analyzed: 07/21/23

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	73.4		50.0		147	50-200			

**LCS (2329068-BS1)**

Prepared: 07/20/23 Analyzed: 07/21/23

Diesel Range Organics (C10-C28)	263	25.0	250		105	38-132			
Surrogate: <i>n</i> -Nonane	67.1		50.0		134	50-200			

**Matrix Spike (2329068-MS1)**

Source: E307073-08

Prepared: 07/20/23 Analyzed: 07/21/23

Diesel Range Organics (C10-C28)	279	25.0	250	ND	112	38-132			
Surrogate: <i>n</i> -Nonane	69.7		50.0		139	50-200			

**Matrix Spike Dup (2329068-MSD1)**

Source: E307073-08

Prepared: 07/20/23 Analyzed: 07/21/23

Diesel Range Organics (C10-C28)	270	25.0	250	ND	108	38-132	3.26	20	
Surrogate: <i>n</i> -Nonane	65.9		50.0		132	50-200			



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Coral PWU 28 #004H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 7/24/2023 1:48:33PM
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#### Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2329027-BLK1)**

Prepared: 07/18/23 Analyzed: 07/19/23

Chloride ND 20.0

**LCS (2329027-BS1)**

Prepared: 07/18/23 Analyzed: 07/20/23

Chloride 255 20.0 250 102 90-110

**Matrix Spike (2329027-MS1)**

Source: E307084-21

Prepared: 07/18/23 Analyzed: 07/19/23

Chloride 237 20.0 250 ND 94.9 80-120

**Matrix Spike Dup (2329027-MSD1)**

Source: E307084-21

Prepared: 07/18/23 Analyzed: 07/19/23

Chloride 251 20.0 250 ND 100 80-120 5.73 20



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Coral PWU 28 #004H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 7/24/2023 1:48:33PM
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#### Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2329028-BLK1)**

Prepared: 07/18/23 Analyzed: 07/19/23

Chloride ND 20.0

**LCS (2329028-BS1)**

Prepared: 07/18/23 Analyzed: 07/20/23

Chloride 245 20.0 250 98.1 90-110

**Matrix Spike (2329028-MS1)**

Source: E307084-01

Prepared: 07/18/23 Analyzed: 07/19/23

Chloride 392 20.0 250 83.6 123 80-120 M2

**Matrix Spike Dup (2329028-MSD1)**

Source: E307084-01

Prepared: 07/18/23 Analyzed: 07/19/23

Chloride 403 20.0 250 83.6 128 80-120 2.76 20 M2

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:	Coral PWU 28 #004H	
PO Box 247	Project Number:	01058-0007	<b>Reported:</b>
Plains TX, 79355-0247	Project Manager:	Tom Bynum	07/24/23 13:48

M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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



<b>Client:</b> Pima Environmental Services <b>Project:</b> Coral PWD 28 #004H <b>Project Manager:</b> Tom Bynum <b>Address:</b> 5614 N. Lovington Hwy. <b>City, State, Zip:</b> Hobbs, NM, 88240 <b>Phone:</b> 580-748-1613 <b>Email:</b> tom@pimaoil.com <b>Report due by:</b>		<b>Bill To</b> <b>Attention:</b> Dexon <b>Address:</b> <b>City, State, Zip:</b> <b>Phone:</b> <b>Email:</b> Pima Project # 1-116-5		<b>Lab Use Only</b> <b>Lab WO#</b> E307084 <b>Job Number</b> 21058-0007		<b>TAT</b> 1D 2D 3D Standard X			<b>EPA Program</b> CWA SDWA RCRA	
				<b>Analysis and Method</b> DRO/RO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM BGDOC TX		<b>State</b> NM CO UT AZ TX X				

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/RO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
8:00	7/13	S	1	S1-1'	1							X		
8:05				S1-3'	2									
8:10				S1-4'	3									
8:15				S2-1'	4									
8:20				S2-3'	5									
8:25				S2-4'	6									
8:30				S3-1'	7									
8:35				S3-3'	8									
8:40				S3-4'	9									
8:45				S4-1'	10									

**Additional Instructions:** Billing# 21141010

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

Relinquished by: (Signature) <i>Kerrine Adams</i>	Date 7/17/23	Time 2:00	Received by: (Signature) <i>Michelle Camp</i>	Date 7-17-23	Time 1400	<b>Lab Use Only</b> Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature) <i>Michelle Camp</i>	Date 7-17-23	Time 1730	Received by: (Signature) <i>Michelle Camp</i>	Date 7-17-23	Time 1730	
Relinquished by: (Signature) <i>Michelle Camp</i>	Date 7-17-23	Time 2300	Received by: (Signature) <i>Michelle Camp</i>	Date 7/18/23	Time 8:15	

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.



Client: Pima Environmental Services		Bill To		Lab Use Only		TAT			EPA Program						
Project: <u>Cora FW 28 #004H</u>		Attention: <u>Devon</u>		Lab Work: <u>E 357084</u>		Job Number: <u>D1057-0007</u>			1D	2D	3D	Standard	CWA	SDWA	
Project Manager: Tom Bynum		Address:		Analysis and Method								X			
Address: 5614 N. Lovington Hwy.		City, State, Zip		DRO/ORO by 8015		GRO/DRO by 8015		BTEX by 8021		VOC by 8260		Metals 6010		Chloride 300.0	
City, State, Zip Hobbs, NM, 88240		Phone:		BGDOC NM		BGDOC TX								RCRA	
Phone: 580-748-1613		Email:												State	
Email: tom@pimaoil.com		Pima Project # <u>1-116-5</u>												NM CO UT AZ TX	
Report due by:														Remarks	

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
8:50	7/13	S	1	54-3'	11							X		
8:55				54-4'	12									
9:00				55-1'	13									
9:05				55-3'	14									
9:10				55-4'	15									
9:15				56-1'	16									
9:20				56-3'	17									
9:25				56-4'	18									
9:30				SW1	19									
9:35				SW2	20									

Additional Instructions: Billing # 21141016

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

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

Relinquished by: (Signature) <u>Grime Adams</u>	Date <u>7/17/23</u>	Time <u>2:00</u>	Received by: (Signature) <u>Michelle Conys</u>	Date <u>7-17-23</u>	Time <u>14:00</u>	Lab Use Only Received on ice: <input checked="" type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature) <u>Michelle Conys</u>	Date <u>7-17-23</u>	Time <u>1730</u>	Received by: (Signature) <u>Alden Musso</u>	Date <u>7-17-23</u>	Time <u>1730</u>	
Relinquished by: (Signature) <u>Alden Musso</u>	Date <u>7-17-23</u>	Time <u>2300</u>	Received by: (Signature) <u>Autla Man</u>	Date <u>7/18/23</u>	Time <u>8:15</u>	

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other \_\_\_\_\_ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

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



Project Information

Chain of Custody

E357084 CM 7/18/23

Client: Pima Environmental Services		Bill To		Lab Use Only		TAT			EPA Program									
Project: Coral PWS 28 #0047		Attention: Devon		Lab Work		1D	2D	3D	Standard	CWA	SDWA							
Project Manager: Tom Bynum		Address:		Job Number					X									
Address: 5614 N. Lovington Hwy.		City, State, Zip		E-357048 21058-0007		Analysis and Method					RCRA							
City, State, Zip Hobbs, NM, 88240		Phone:				DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	State				
Phone: 580-748-1613		Email:		Pima Project # 1-116-9										NM	CO	UT	AZ	TX
Email: tom@pimaoil.com														X				
Report due by:																		

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
9:46	7/13	S	1	SW3	21							X		
9:45				SW4	22									
9:50				SW5	23									
9:55				SW6	24									
10:00				SW7	25									
10:05				SW8	26									

Additional Instructions: Billing #21141010

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature) Kerime Frame	Date 7/17/23	Time 9:00	Received by: (Signature) Michelle Campbell	Date 7-17-23	Time 1400	Lab Use Only Received on ice: <input checked="" type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C 4
Relinquished by: (Signature) Michelle Campbell	Date 7-17-23	Time 1730	Received by: (Signature) Michelle Campbell	Date 7-17-23	Time 1730	
Relinquished by: (Signature) Michelle Campbell	Date 7-17-23	Time 2300	Received by: (Signature) Caitlin Man	Date 7/18/23	Time 8:15	

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other \_\_\_\_\_ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

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



Envirotech Analytical Laboratory

Printed: 7/18/2023 10:57:40AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	07/18/23 08:15	Work Order ID:	E307084
Phone:	(575) 631-6977	Date Logged In:	07/18/23 09:19	Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	07/24/23 17:00 (4 day TAT)		

**Chain of Custody (COC)**

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

Carrier: Courier

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

**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? Yes

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

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

**Sample Container**

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

**Field Label**

- 20. Were field sample labels filled out with the minimum information:
  - Sample ID? Yes
  - Date/Time Collected? Yes
  - Collectors name? 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 filtration required and/or requested for dissolved metals? No

**Multiphase Sample Matrix**

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

**Subcontract Laboratory**

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

**Client Instruction**

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

Date



envirotech Inc.

**District I**  
 1625 N. French Dr., Hobbs, NM 88240  
 Phone:(575) 393-6161 Fax:(575) 393-0720

**District II**  
 811 S. First St., Artesia, NM 88210  
 Phone:(575) 748-1283 Fax:(575) 748-9720

**District III**  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**  
 1220 S. St Francis Dr., Santa Fe, NM 87505  
 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 250508

**CONDITIONS**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 250508
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
jharimon	None	8/21/2023