



**FLOWLINE SUPPLYING REMUDA BASIN SWD**

Incident ID nAPP2213647597

PREPARED BY:  
PIMA ENVIRONMENTAL SERVICES, LLC

PREPARED FOR:  
DEVON ENERGY PRODUCTION CO, LP

## *Reclamation Report*

May 12, 2025



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

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

**RE: Reclamation Report**  
**Flowline Supplying Remuda Basin SWD**  
**API No. N/A**  
**GPS: Latitude 32.2982665 Longitude -103.9132046**  
**ULSTR – P – 18 – 23S – 30E 200 FSL 327 FEL Eddy County,**  
**NM NMOCD Incident ID nAPP2213647597**

This release was initially discovered on May 13, 2022. An initial Notice of Release (NOR) was submitted by Devon personnel on May 16, 2022, and approved by the NMOCD (OCD Online: Permitting – Application ID [107110]). An initial C-141 form was submitted on August 18, 2023, and approved by the NMOCD (OCD Online: Permitting – Application ID [216153]). This incident was assigned Incident ID nAPP2213647597, by the New Mexico Oil Conservation Division (NMOCD).

### RELEASE INFORMATION

**nAPP2213647597:** On May 13, 2022, the 4" ploy inlet line to the Remuda Basin SWD was struck by an unknown object cutting a gash into the line. Fluids were not in a lined/unlined containment. Fluids were not on pad. Fluids were offsite. Valves on both side of the breach were turned off thus isolating the line and stopping the leak.

### SITE CHARACTERIZATION

The Flowline Supplying Remuda Basin SWD (Flowline) is located approximately eleven (11) miles east of Loving, NM. This spill site is in Unit P, Section 18, Township 23S, Range 30E, Latitude 32.2982665 Longitude -103.9132046, Eddy County, NM. Figure 3 references a Location Map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is made up of Interlayered Rustler Formation, Siltstone, gypsum, sandstone, and dolomite. 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. A Topographic Map is referenced in Figure 4. There is a high potential for karst geology to be present around the Flowline (Figure 5).

According to the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is 37 feet below grade surface (BGS). According to the United States Geological Survey (USGS), the nearest groundwater is 50 feet BGS. The closest waterway is a Salt Playa located approximately 3.79 miles northwest of this location. See Appendix A for referenced Water Surveys and Water-Related Maps.

According to the U.S. Fish and Wildlife Service National Wetlands Inventory, a Riverine lies approximately 400 feet to the northwest of the release area. According to a FEMA search for flood hazard information, the Flow Line is in Zone X – Area of Minimal Flood Hazard.

Closure criteria for reclamation activities at the Flowline is classified under the less than 50-foot depth to groundwater section of Table 1 19.15.29.12 NMAC. The regulatory limits are as follows: Chlorides should be less than 600 mg/kg, TPH (GRO+DRO+MRO) should be less than 100 mg/kg, BTEX should be less than 50 mg/kg, and Benzene should be less than 10 mg/kg.

A desktop review of the Flowline was performed and found to not be in range of any Special Status Wildlife Species. However, this site does lie within a Potential Habitat (Planning Area Only) for the Scheer's beehive cactus. A Special Status Plant/Wildlife Map can be referenced in Figure 6.

### COUNTERMEASURES DUE TO REMEDIATION CLOSURE REPORT DENIED

On June 24, 2024, a Remediation/Proposed Sampling Plan Report was submitted to the NMOCD (OCD Online: Permitting – Action Status, under the Application ID: 356998) addressing the concerns of the most recently denied closure report. This report was approved by the NMOCD on June 25, 2024.



Because this release area was solely in the pasture and pipeline Right of Way, and the area is in a high karst zone, the closure criteria will be classified under the <50' depth to groundwater section of Table 1 19.15.29.12 NMAC.

On June 28, 2024, after Devon submitted a 48-Hour Sampling Notification, which can be found in Appendix C and in OCD Online: Permitting – Action Status, under the Application ID: 357511, Pima mobilized personnel and equipment to the location to collect the previously approved confirmation samples from the northern section of the previously excavated area. A total of 24 discreet samples were collected from 24 different sample points from a depth of 3' bgs at each point. After being collected, the samples were immediately put on ice, jarred, and delivered to Envirotech Labs for official analysis of all constituents listed in Table 1 19.15.29.12 NMAC. The laboratory results of this sampling event can be found in the Data Tables included in Figure 1. A corresponding Confirmation Sample Map can be found in Figure 2. Photographic Documentation is referenced in Appendix D.

Complete Laboratory Reports can be referenced in Appendix E.

The Remediation Closure Report for incident ID nAPP2213647597 was approved by the NMOCD on July 17, 2024, pending submission of Reclamation Report from the operator.

## RECLAMATION ACTIVITIES

The release and reclamation extent were in the pasture and pipeline right of way which required the top 4 feet of soil in this area to include non-waste containing, earthen material with contaminant levels that are below the regulatory limits of 19.15.29.13 NMAC.

On May 1, 2025, Pima personnel returned to the site to collect samples from backfilled areas. A total of 12 discreet samples were collected from 6 different sample points from depths of surface and 1' bgs. After being collected, the samples were immediately put on ice, jarred, and delivered to Envirotech Labs for official analysis of all constituents listed in Table 1 19.15.29.12 NMAC.

On May 9, 2025, an analytical report was received and verified that all sample results are under the regulatory limits of the less than 50-foot depth to groundwater section of Table 1, ensuring compliance with 19.15.29.13 NMAC. The laboratory results of this sampling event can be found in the Data Tables included in Figure 1. A corresponding Backfill Sample Map can be referenced in Figure 7. Complete Laboratory Reports are included in Appendix E.

Devon respectfully requests approval of this reclamation closure report for the release area associated with this incident. The following proposed revegetation plan is submitted for review.

## REVEGETATION REPORT

As this area in its entirety is in the pasture and pipeline right of way, a certified weed-free seed mix designed by the BLM to meet reclamation standards was used to reseed all areas. Based on the soil complex (Reeves-Gypsum complex, 0 to 3 percent slopes) within and surrounding the site, The BLM Seed Mixture #1 for sandy sites was used for seeding. A final revegetation report will be submitted for review/approval following the approval of this reclamation report.

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

Devon Energy Production – Jim Raley at 575-689-7597 or [jim.raley@devon.com](mailto:jim.raley@devon.com).

Pima Environmental – Tom Bynum at 580-748-1613 or [tom@pimaoil.com](mailto:tom@pimaoil.com).



## **Attachments**

### **Figures:**

- 1- Data Tables
- 2- Confirmation Sample Map
- 3- Location Map
- 4- Topographic Map
- 5- Karst Map
- 6- Special Status Plant/Wildlife Map
- 7- Backfill Sample Map

### **Appendices:**

- Appendix A – Water Surveys & Water-Related Maps
- Appendix B – Soil Survey & Geologic Unit Map
- Appendix C – 48-Hour Sampling Notification
- Appendix D – Photographic Documentation
- Appendix E – Laboratory Reports



## Figures:

Figure 1- Data Tables

Figure 2- Confirmation Sample Map

Figure 3- Location Map

Figure 4- Topographic Map

Figure 5- Karst Map

Figure 6- Special Status Plant/Wildlife Map

Figure 7- Backfill Sample Map



NMOCD Table 1 Closure Criteria 19.15.29 NMAC (High Karst)								
DEVON ENERGY - FLOWLINE TO REMUDA BASIN SWD - nAPP2213647597								
Date: 6/28/24		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
A1-3'	3'	ND	ND	ND	ND	ND	0	21.4
A2-3'	3'	ND	ND	ND	ND	ND	0	25.2
A3-3'	3'	ND	ND	ND	ND	ND	0	25.1
A4-3'	3'	ND	ND	ND	ND	ND	0	24.7
A5-3'	3'	ND	ND	ND	ND	ND	0	20
A6-3'	3'	ND	ND	ND	ND	ND	0	27.4
A7-3'	3'	ND	ND	ND	ND	ND	0	30.1
A8-3'	3'	ND	ND	ND	ND	ND	0	28.5
A9-3'	3'	ND	ND	ND	ND	ND	0	23
A10-3'	3'	ND	ND	ND	ND	ND	0	27.6
A11-3'	3'	ND	ND	ND	ND	ND	0	39
A12-3'	3'	ND	ND	ND	ND	ND	0	28.8
A13-3'	3'	ND	ND	ND	ND	ND	0	22.5
A14-3'	3'	ND	ND	ND	ND	ND	0	26.3
A15-3'	3'	ND	ND	ND	ND	ND	0	28.7
A16-3'	3'	ND	ND	ND	ND	ND	0	23
A17-3'	3'	ND	ND	ND	ND	62.1	62.1	23.8
A18-3'	3'	ND	ND	ND	ND	ND	0	24
A19-3'	3'	ND	ND	ND	ND	ND	0	21.7
A20-3'	3'	ND	ND	ND	ND	ND	0	21.7
A21-3'	3'	ND	ND	ND	ND	ND	0	27.7
A22-3'	3'	ND	ND	ND	ND	ND	0	26
A23-3'	3'	ND	ND	ND	ND	ND	0	22.2
A24-3'	3'	ND	ND	ND	ND	ND	0	23.4

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
DEVON ENERGY - Flowline Supplying Remuda Basin SWD - nAPP2213647597								
Date: 5/1/2025		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
1-Surface	0'	ND	ND	ND	ND	ND	0	33.6
1-1'	1'	ND	ND	ND	ND	ND	0	34.2
2-Surface	0'	ND	ND	ND	ND	ND	0	32
2-1'	1'	ND	ND	ND	ND	ND	0	84.1
3-Surface	0'	ND	ND	ND	ND	ND	0	ND
3-1'	1'	ND	ND	ND	ND	ND	0	137
4-Surface	0'	ND	ND	ND	ND	ND	0	40.5
4-1'	1'	ND	ND	ND	ND	ND	0	43
5-Surface	0'	ND	ND	ND	ND	ND	0	39.5
5-1'	1'	ND	ND	ND	ND	ND	0	ND
6-Surface	0'	ND	ND	ND	ND	ND	0	38.7
6-1'	1'	ND	ND	ND	ND	ND	0	40.6

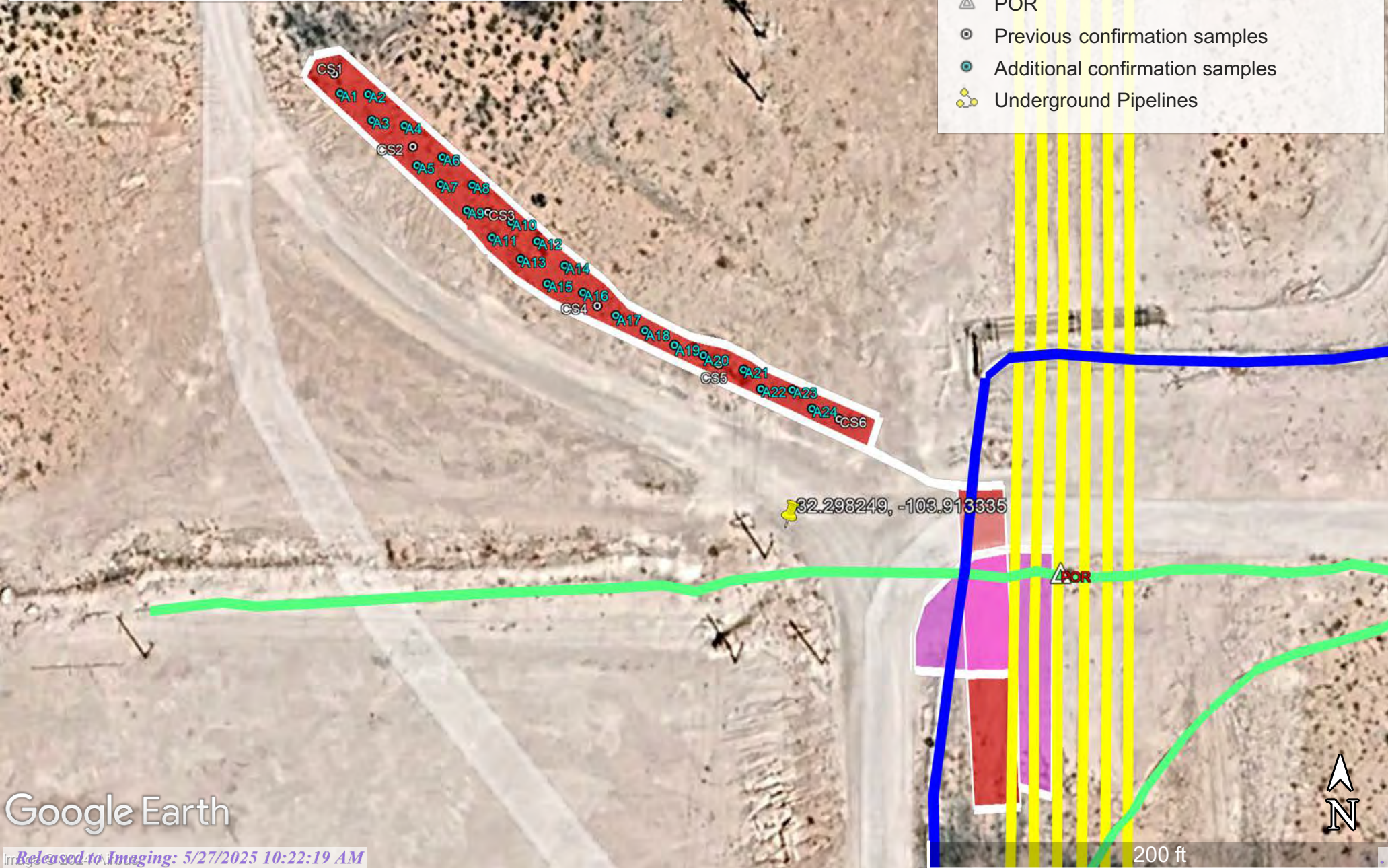


# Flowline Supplying Remuda Basin SWD

Devon Energy  
API/Facility ID N/A  
Eddy County, NM  
nAPP2213647597  
Confirmation Sample Map

## Legend

- Excavated area for pipeline
- Excavation area - 8,375 sqft
- Lay flat hose
- Poly flowlines
- POR
- Previous confirmation samples
- Additional confirmation samples
- Underground Pipelines



Google Earth

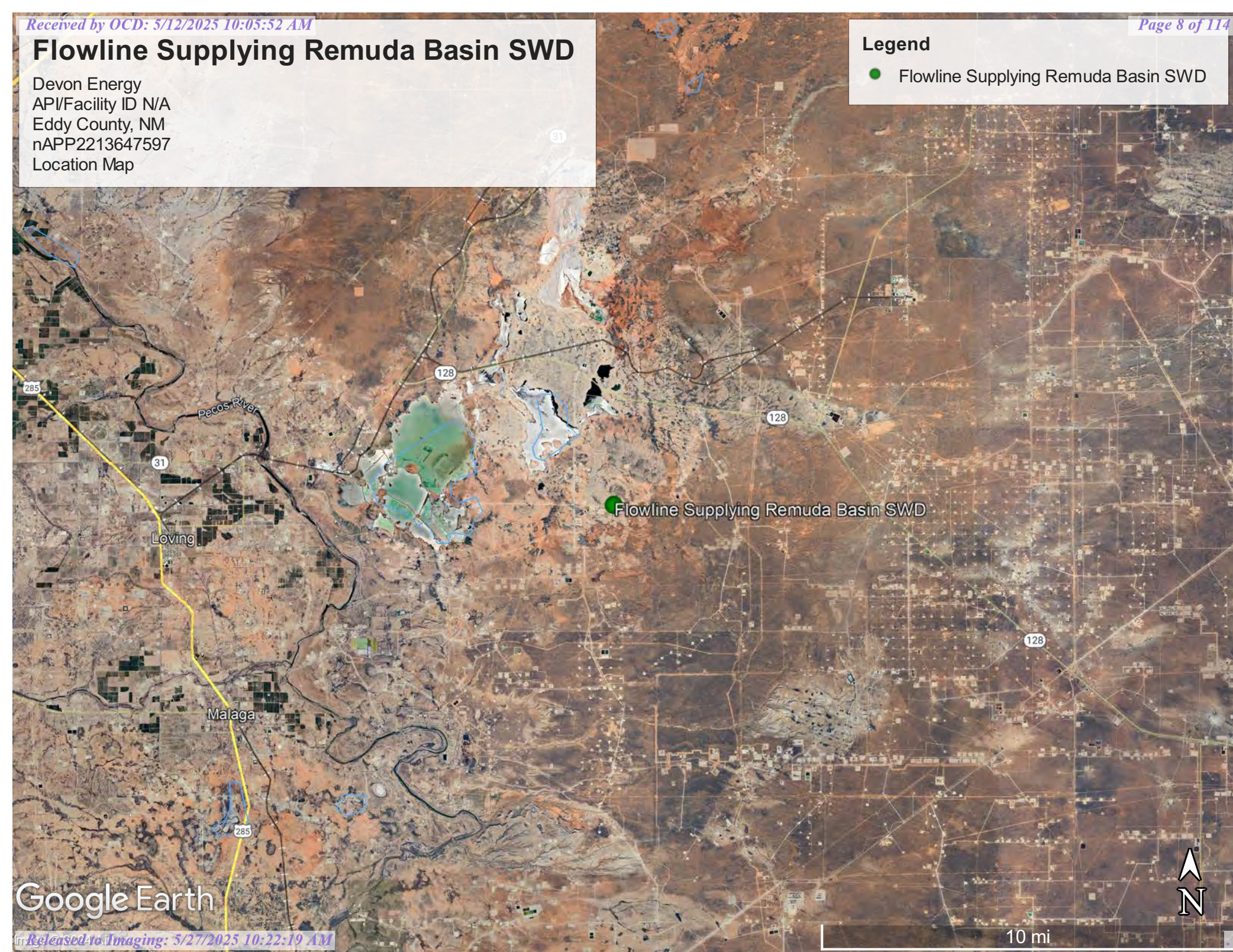


# Flowline Supplying Remuda Basin SWD

Devon Energy  
API/Facility ID N/A  
Eddy County, NM  
nAPP2213647597  
Location Map

## Legend

● Flowline Supplying Remuda Basin SWD

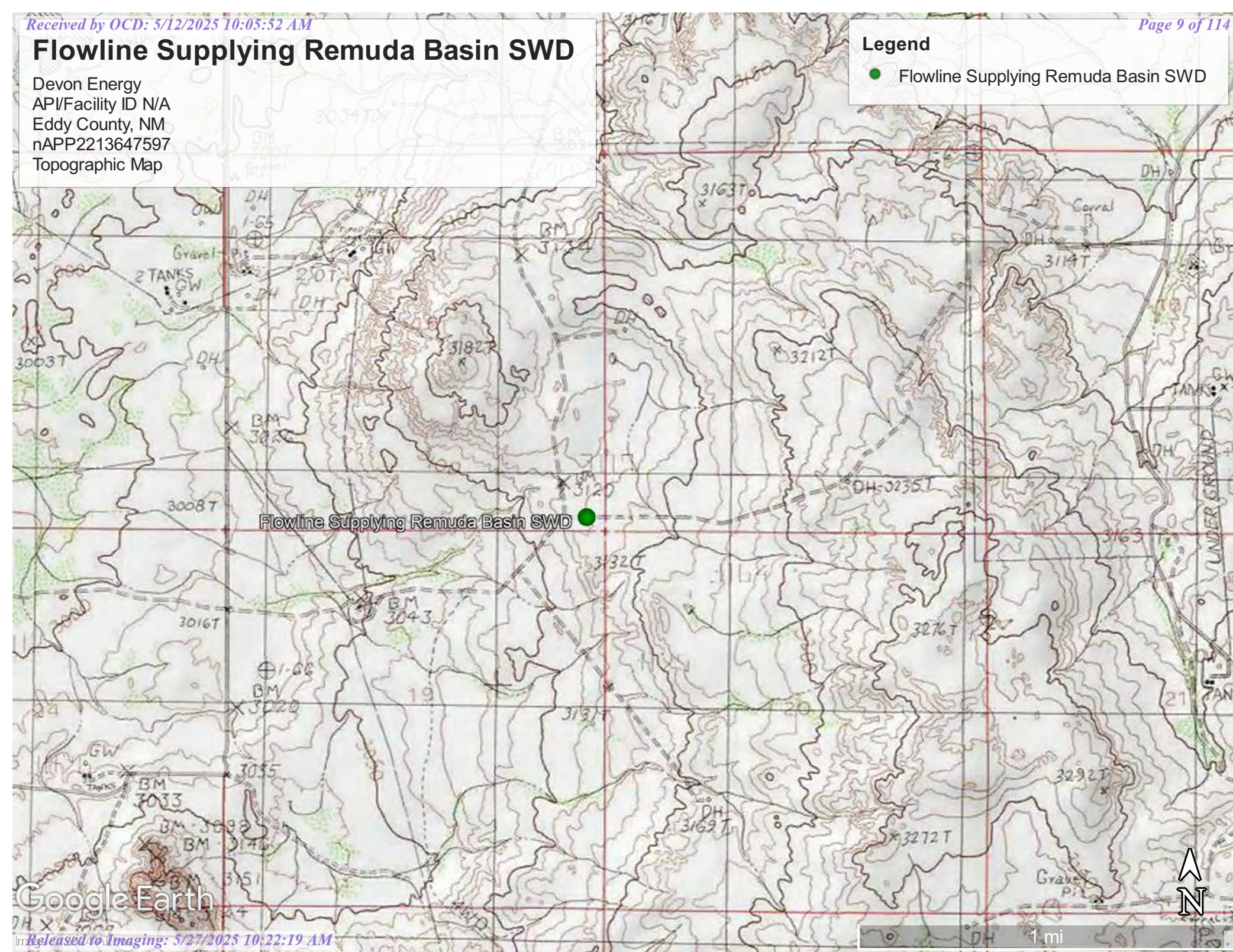


Google Earth



Devon Energy  
API/Facility ID N/A  
Eddy County, NM  
nAPP2213647597  
Topographic Map

- Flowline Supplying Remuda Basin SWD





# Flowline Supplying Remuda Basin SWD

Devon Energy  
API/Facility ID N/A  
Eddy County, NM  
nAPP2213647597  
Karst Map

## Legend

- High Karst
- Low Karst
- Medium Karst

Flowline Supplying Remuda Basin SWD

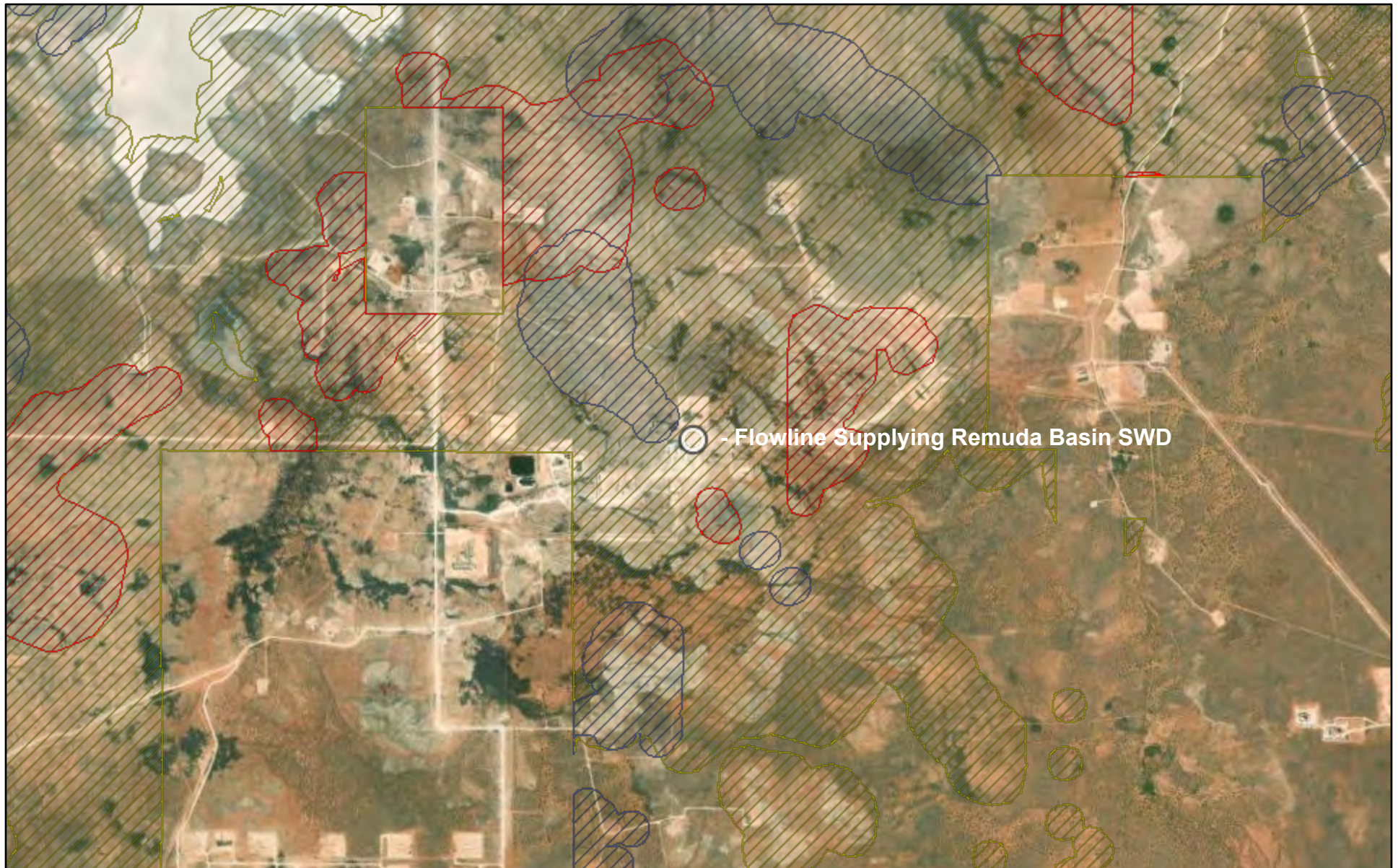


1 mi

Google Earth





## Special Status Plant/Wildlife Map



4/29/2025

Potential Habitat (Planning Area Only)

 Scheer's beehive cactus Tharp's blue-star Wright's waterwillow

World Imagery

Low Resolution 15m Imagery

High Resolution 60cm Imagery

High Resolution 30cm Imagery

Citations

9.6m Resolution Metadata

1:38,087

0 0.28 0.55 1.1 mi

0 0.42 0.85 1.7 km



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, Source: Esri, Maxar, Earthstar



# Flowline Supplying Remuda Basin SWD

Devon Energy  
Eddy County, NM  
nAPP2213647597  
Backfill Sample Map

## Legend

-  Backfill Area - 8,375 sqft
-  Backfill samples



32.298238, -103.912991

Google Earth

2000 ft







## Appendix A

- Water Surveys
- Water-Related Maps





# New Mexico Office of the State Engineer

## Water Column/Average Depth to Water

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

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

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
<a href="#">C_02486</a>		C	ED	3	2	3	19	23S	30E	601304	3572832*	1561	350		
<a href="#">C_04472 POD1</a>		CUB	ED	2	2	4	13	23S	29E	600639	3574619	1788			37
<a href="#">C_04594 POD4</a>		CUB	ED	4	2	2	13	23S	29E	600704	3575224	2020	45	28	17
<a href="#">C_04594 POD7</a>		CUB	ED	4	2	2	13	23S	29E	600659	3575217	2052	34	28	6
<a href="#">C_04594 POD6</a>		CUB	ED	4	2	2	13	23S	29E	600659	3575220	2055	34	28	6
<a href="#">C_04594 POD5</a>		CUB	ED	4	2	2	13	23S	29E	600626	3575236	2090	30	30	0
<a href="#">C_04594 POD1</a>		CUB	ED	4	2	2	13	23S	29E	600629	3575241	2090	36		
<a href="#">C_04594 POD3</a>		CUB	ED	4	2	2	13	23S	29E	600645	3575280	2101	38	27	11
<a href="#">C_04594 POD2</a>		CUB	ED	4	2	2	13	23S	29E	600604	3575232	2106	42	34	8
<a href="#">C_03478 POD1</a>		C	ED	3	2	1	21	23S	30E	604638	3573670	2340	230	105	125
<a href="#">C_04018 POD1</a>		CUB	ED	2	2	1	21	23S	30E	604664	3573868	2345	380	179	201
<a href="#">C_04326 POD14</a>		CUB	ED	4	2	3	23	23S	29E	598191	3572765	4317	58	54	4
<a href="#">C_04326 POD16</a>		CUB	ED	2	4	3	23	23S	29E	598209	3572664	4330	64	54	10
<a href="#">C_04567 POD1</a>		CUB	ED	1	3	4	22	23S	30E	606652	3572672	4532			

Average Depth to Water: **54 feet**

Minimum Depth: **27 feet**

Maximum Depth: **179 feet**

**Record Count:** 14

### UTMNAD83 Radius Search (in meters):

**Easting (X):** 602323

**Northing (Y):** 3574015.43

**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.

5/27/22 11:12 AM

WATER COLUMN/ AVERAGE DEPTH TO  
WATER



# OSE POD Location Map



7/10/2024, 11:27:28 AM

GIS WATERS PODs

- Active
- Pending
- Plugged

- OSE District Boundary
- Water Right Regulations
- Artesian Planning Area

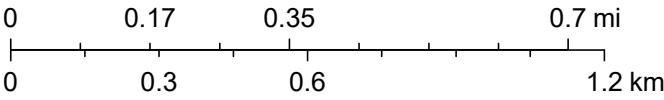
New Mexico State Trust Lands

- Subsurface Estate
- Both Estates

NHD Flowlines

- Connector
- Stream River

1:18,056



Esri, HERE, iPC, Esri, HERE, Garmin, iPC, Maxar





[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 =

- 321717103561001

Minimum number of levels = 1

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

## USGS 321717103561001 23S.29E.24.41321

Available data for this site

Groundwater: Field measurements



GO

Eddy County, New Mexico

Hydrologic Unit Code 13060011

Latitude 32°17'17", Longitude 103°56'10" NAD27

Land-surface elevation 3,034 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

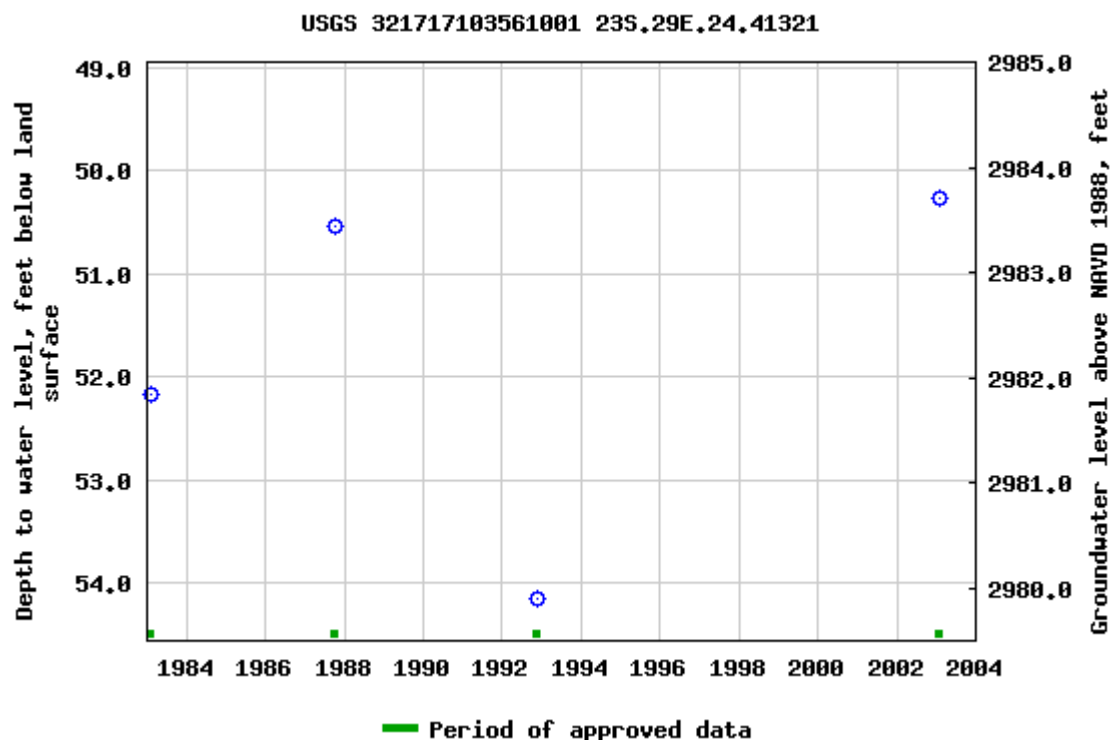
[Table of data](#)

[Tab-separated data](#)

[Graph of data](#)

[Reselect period](#)





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

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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: 2022-05-27 13:18:59 EDT

0.6 0.52 nadww01







## National Water Information System: Mapper





# Flowline Supplying Remuda Basin SWD

Devon Energy  
API/Facility ID N/A  
Eddy County, NM  
nAPP2213647597  
Surface Water Map

## Legend

- 2 Miles
- Salt Pond

Salt Pond

Flowline Supplying Remuda Basin SWD

128



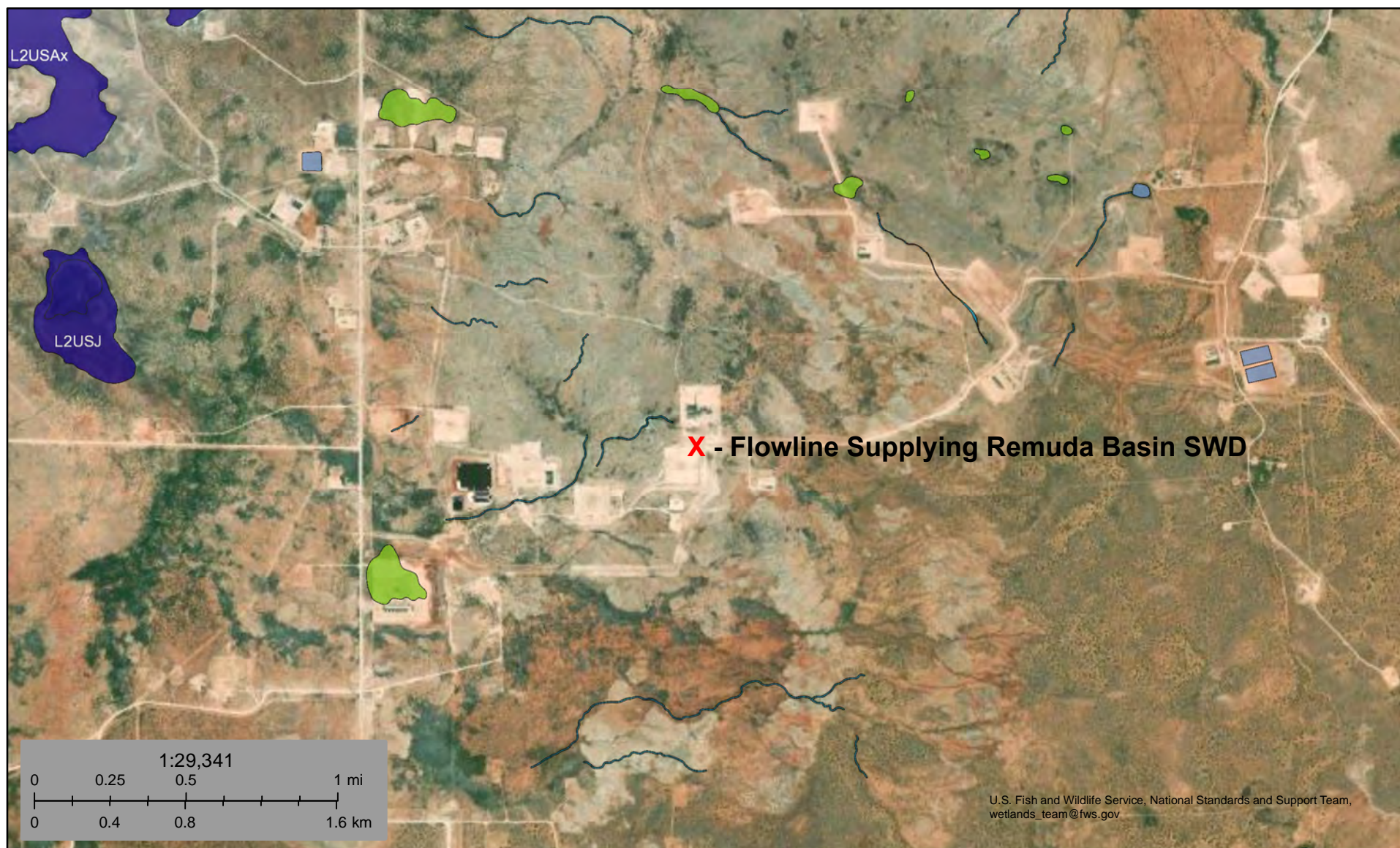
1 mi

Google Earth





## Wetlands Map



July 10, 2024

**Wetlands**

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

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

- Lake
- Other
- Riverine

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



# National Flood Hazard Layer FIRMette


























103°55'6"W 32°18'9"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 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 4/4/2023 at 2:13 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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





## Appendix B

- Soil Survey
- Soil Map
- Geologic Unit Map



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

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## 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

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**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 20, Sep 3, 2024



Soil Map—Eddy Area, New Mexico



Natural Resources  
Conservation Service

Web Soil Survey  
National Cooperative Soil Survey


4/29/2025  
Page 1 of 3




## Soil Map—Eddy Area, New Mexico

## MAP LEGEND

## Area of Interest (AOI)

 Area of Interest (AOI)

## Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

## Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

## Water Features



Streams and Canals

## Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

## Background



Aerial Photography

## MAP INFORMATION

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

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

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

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

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

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

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

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 20, Sep 3, 2024

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

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

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



Soil Map—Eddy Area, New Mexico

---

Map Unit Legend




Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
RG	Reeves-Gypsum land complex, 0 to 3 percent slopes	1.5	100.0%
Totals for Area of Interest		1.5	100.0%



# Flowline Supplying Remuda Basin SWD

Devon Energy  
API/Facility ID N/A  
Eddy County, NM  
nAPP2213647597  
Geologic Unit Map

## Legend

-  Eolian and piedmont deposits
-  Piedmont alluvial deposits
-  Rustler Formation

Flowline Supplying Remuda Basin SWD



Google Earth



4000 ft





## Appendix C

### ○ 48-Hour Notification





Tom Pima Oil &lt;tom@pimaoil.com&gt;

**FW: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 357511**

1 message

**Woodall, Dale** <Dale.Woodall@dvni.com>

Tue, Jun 25, 2024 at 4:22 PM

To: Gio PimaOil &lt;gio@pimaoil.com&gt;, Tom Pima Oil &lt;tom@pimaoil.com&gt;, Delrae Pima Oil &lt;delrae@pimaoil.com&gt;, Lynsey Pima Oil &lt;lynsey@pimaoil.com&gt;

Dale Woodall

**Environmental Professional****Hobbs, NM****Office:** 575-748-1838**Mobile:** 405-318-4697[Dale.Woodall@dvni.com](mailto:Dale.Woodall@dvni.com)**From:** [OCDOnline@state.nm.us](mailto:OCDOnline@state.nm.us) <[OCDOnline@state.nm.us](mailto:OCDOnline@state.nm.us)>**Sent:** Tuesday, June 25, 2024 3:22 PM**To:** Woodall, Dale <[Dale.Woodall@dvni.com](mailto:Dale.Woodall@dvni.com)>**Subject:** [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 357511

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

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2213647597.

The sampling event is expected to take place:

**When:** 06/28/2024 @ 08:00**Where:** P-18-23S-30E 200 FSL 327 FEL (32.2982665,-103.9132046)**Additional Information:** Marisa Loya (575) 416-0639**Additional Instructions:** P-18-23S-30E Lat/Long: 32.2982665, -103.9132046 From the intersection of NM128 and Rawhide Road in Eddy county, travel 3.6 miles south on Rawhide Rd, turn east on lease road for 1 mile, curve north for 570 feet, continue north into release area.

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

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

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



**New Mexico Energy, Minerals and Natural Resources Department**  
[1220 South St. Francis Drive](#)  
Santa Fe, NM 87505

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





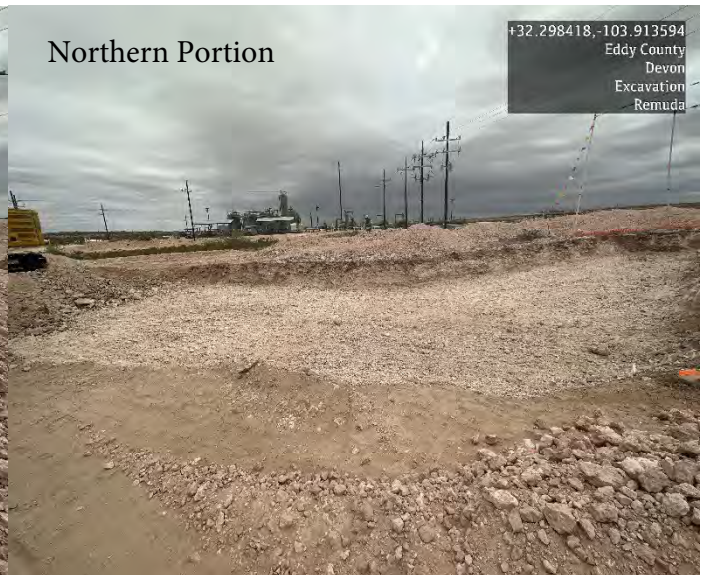
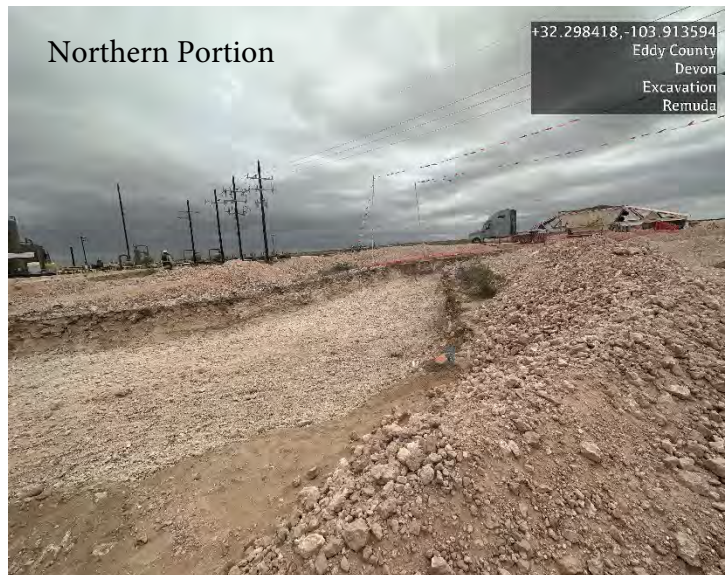
## Appendix D

### ○ Photographic Documentation

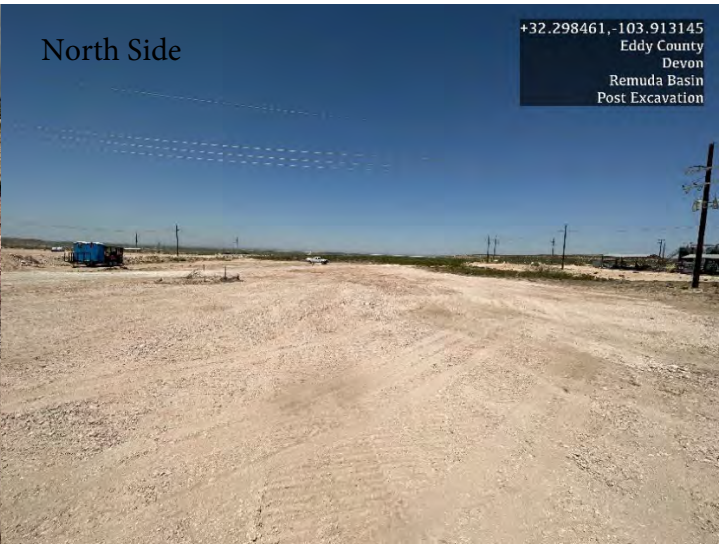
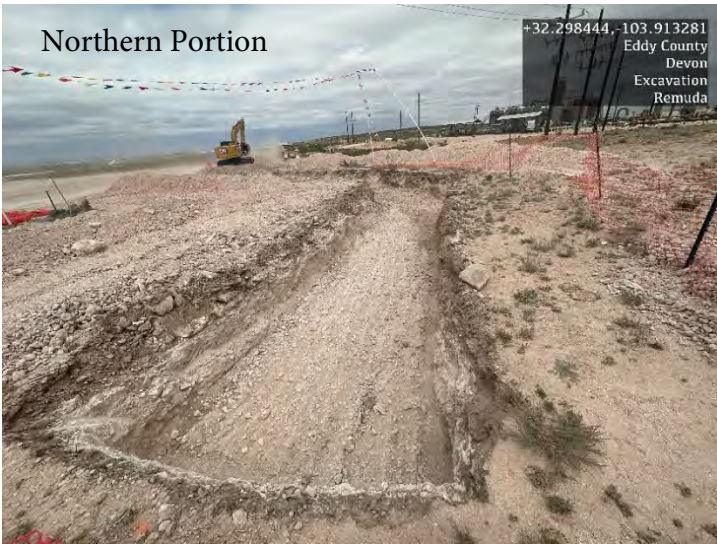


















## Confirmation Sampling Event



View from North to South



View from Northeast to Southwest



View from Southeast to Northwest



View from East to West



View from South to North

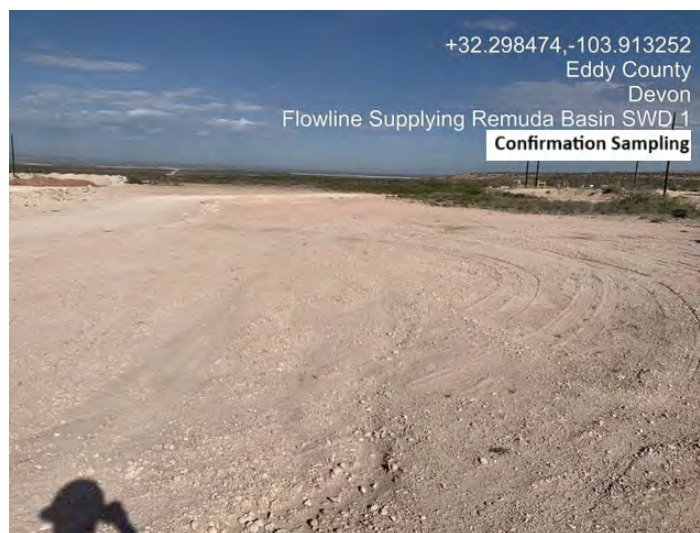


View from West to East





View from South to North



View from Southeast to Northwest





## Appendix E

### ○ Laboratory Reports



Report to:  
Gio Gomez



5796 U.S. Hwy 64  
Farmington, NM 87401

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



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Flowline Supplying the Remuda  
Basin SWD

Work Order: E407033

Job Number: 01058-0007

Received: 7/9/2024

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
7/9/24

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



Date Reported: 7/9/24

Gio Gomez  
PO Box 247  
Plains, TX 79355-0247



Project Name: Flowline Supplying the Remuda Basin SWD  
Workorder: E407033  
Date Received: 7/9/2024 11:20:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/9/2024 11:20:00AM, under the Project Name: Flowline Supplying the Remuda Basin SWD.

The analytical test results summarized in this report with the Project Name: Flowline Supplying the Remuda Basin SWD 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  
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[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

Field Offices:

**Southern New Mexico Area**

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



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## Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Flowline Supplying the Remuda Basin SWD	<b>Reported:</b>
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	
			07/09/24 16:53

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
A1-3'	E407033-01A	Soil	06/28/24	07/09/24	Glass Jar, 2 oz.
A2-3'	E407033-02A	Soil	06/28/24	07/09/24	Glass Jar, 2 oz.
A3-3'	E407033-03A	Soil	06/28/24	07/09/24	Glass Jar, 2 oz.
A4-3'	E407033-04A	Soil	06/28/24	07/09/24	Glass Jar, 2 oz.
A5-3'	E407033-05A	Soil	06/28/24	07/09/24	Glass Jar, 2 oz.
A6-3'	E407033-06A	Soil	06/28/24	07/09/24	Glass Jar, 2 oz.
A7-3'	E407033-07A	Soil	06/28/24	07/09/24	Glass Jar, 2 oz.
A8-3'	E407033-08A	Soil	06/28/24	07/09/24	Glass Jar, 2 oz.
A9-3'	E407033-09A	Soil	06/28/24	07/09/24	Glass Jar, 2 oz.
A10-3'	E407033-10A	Soil	06/28/24	07/09/24	Glass Jar, 2 oz.
A11-3'	E407033-11A	Soil	06/28/24	07/09/24	Glass Jar, 2 oz.
A12-3'	E407033-12A	Soil	06/28/24	07/09/24	Glass Jar, 2 oz.
A13-3'	E407033-13A	Soil	06/28/24	07/09/24	Glass Jar, 2 oz.
A14-3'	E407033-14A	Soil	06/28/24	07/09/24	Glass Jar, 2 oz.
A15-3'	E407033-15A	Soil	06/28/24	07/09/24	Glass Jar, 2 oz.
A16-3'	E407033-16A	Soil	06/28/24	07/09/24	Glass Jar, 2 oz.
A17-3'	E407033-17A	Soil	06/28/24	07/09/24	Glass Jar, 2 oz.
A18-3'	E407033-18A	Soil	06/28/24	07/09/24	Glass Jar, 2 oz.
A19-3'	E407033-19A	Soil	06/28/24	07/09/24	Glass Jar, 2 oz.
A20-3'	E407033-20A	Soil	06/28/24	07/09/24	Glass Jar, 2 oz.
A21-3'	E407033-21A	Soil	06/28/24	07/09/24	Glass Jar, 2 oz.
A22-3'	E407033-22A	Soil	06/28/24	07/09/24	Glass Jar, 2 oz.
A23-3'	E407033-23A	Soil	06/28/24	07/09/24	Glass Jar, 2 oz.
A24-3'	E407033-24A	Soil	06/28/24	07/09/24	Glass Jar, 2 oz.





## Sample Data

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

Project Name: Flowline Supplying the Remuda Basin SWD  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
7/9/2024 4:53:42PM

A1-3'

E407033-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428013
Benzene	ND	0.0250	1	07/09/24	07/09/24	
Ethylbenzene	ND	0.0250	1	07/09/24	07/09/24	
Toluene	ND	0.0250	1	07/09/24	07/09/24	
o-Xylene	ND	0.0250	1	07/09/24	07/09/24	
p,m-Xylene	ND	0.0500	1	07/09/24	07/09/24	
Total Xylenes	ND	0.0250	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene	97.5 %	70-130		07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4	98.3 %	70-130		07/09/24	07/09/24	
Surrogate: Toluene-d8	95.2 %	70-130		07/09/24	07/09/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428013
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene	97.5 %	70-130		07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4	98.3 %	70-130		07/09/24	07/09/24	
Surrogate: Toluene-d8	95.2 %	70-130		07/09/24	07/09/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2428018
Diesel Range Organics (C10-C28)	ND	25.0	1	07/09/24	07/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/09/24	07/09/24	
Surrogate: n-Nonane	115 %	50-200		07/09/24	07/09/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2428021
Chloride	21.4	20.0	1	07/09/24	07/09/24	





## Sample Data

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

Project Name: Flowline Supplying the Remuda Basin SWD  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
7/9/2024 4:53:42PM

A2-3'

E407033-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428013
Benzene	ND	0.0250	1	07/09/24	07/09/24	
Ethylbenzene	ND	0.0250	1	07/09/24	07/09/24	
Toluene	ND	0.0250	1	07/09/24	07/09/24	
o-Xylene	ND	0.0250	1	07/09/24	07/09/24	
p,m-Xylene	ND	0.0500	1	07/09/24	07/09/24	
Total Xylenes	ND	0.0250	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene	98.8 %	70-130		07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4	99.1 %	70-130		07/09/24	07/09/24	
Surrogate: Toluene-d8	92.9 %	70-130		07/09/24	07/09/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428013
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene	98.8 %	70-130		07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4	99.1 %	70-130		07/09/24	07/09/24	
Surrogate: Toluene-d8	92.9 %	70-130		07/09/24	07/09/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2428018
Diesel Range Organics (C10-C28)	ND	25.0	1	07/09/24	07/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/09/24	07/09/24	
Surrogate: n-Nonane	101 %	50-200		07/09/24	07/09/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2428021
Chloride	25.2	20.0	1	07/09/24	07/09/24	





## Sample Data

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

Project Name: Flowline Supplying the Remuda Basin SWD  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
7/9/2024 4:53:42PM

A3-3'

E407033-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428013
Benzene	ND	0.0250	1	07/09/24	07/09/24	
Ethylbenzene	ND	0.0250	1	07/09/24	07/09/24	
Toluene	ND	0.0250	1	07/09/24	07/09/24	
o-Xylene	ND	0.0250	1	07/09/24	07/09/24	
p,m-Xylene	ND	0.0500	1	07/09/24	07/09/24	
Total Xylenes	ND	0.0250	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene	99.8 %	70-130		07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4	97.9 %	70-130		07/09/24	07/09/24	
Surrogate: Toluene-d8	96.4 %	70-130		07/09/24	07/09/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428013
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene	99.8 %	70-130		07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4	97.9 %	70-130		07/09/24	07/09/24	
Surrogate: Toluene-d8	96.4 %	70-130		07/09/24	07/09/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2428018
Diesel Range Organics (C10-C28)	ND	25.0	1	07/09/24	07/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/09/24	07/09/24	
Surrogate: n-Nonane	108 %	50-200		07/09/24	07/09/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2428021
Chloride	25.1	20.0	1	07/09/24	07/09/24	





## Sample Data

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

Project Name: Flowline Supplying the Remuda Basin SWD  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
7/9/2024 4:53:42PM

A4-3'

E407033-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428013
Benzene	ND	0.0250	1	07/09/24	07/09/24	
Ethylbenzene	ND	0.0250	1	07/09/24	07/09/24	
Toluene	ND	0.0250	1	07/09/24	07/09/24	
o-Xylene	ND	0.0250	1	07/09/24	07/09/24	
p,m-Xylene	ND	0.0500	1	07/09/24	07/09/24	
Total Xylenes	ND	0.0250	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene	99.2 %	70-130		07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4	97.9 %	70-130		07/09/24	07/09/24	
Surrogate: Toluene-d8	95.1 %	70-130		07/09/24	07/09/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428013
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene	99.2 %	70-130		07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4	97.9 %	70-130		07/09/24	07/09/24	
Surrogate: Toluene-d8	95.1 %	70-130		07/09/24	07/09/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2428018
Diesel Range Organics (C10-C28)	ND	25.0	1	07/09/24	07/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/09/24	07/09/24	
Surrogate: n-Nonane	103 %	50-200		07/09/24	07/09/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2428021
Chloride	24.7	20.0	1	07/09/24	07/09/24	





## Sample Data

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

Project Name: Flowline Supplying the Remuda Basin SWD  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
7/9/2024 4:53:42PM

A5-3'

E407033-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428013
Benzene	ND	0.0250	1	07/09/24	07/09/24	
Ethylbenzene	ND	0.0250	1	07/09/24	07/09/24	
Toluene	ND	0.0250	1	07/09/24	07/09/24	
o-Xylene	ND	0.0250	1	07/09/24	07/09/24	
p,m-Xylene	ND	0.0500	1	07/09/24	07/09/24	
Total Xylenes	ND	0.0250	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene	99.5 %	70-130		07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4	98.9 %	70-130		07/09/24	07/09/24	
Surrogate: Toluene-d8	93.7 %	70-130		07/09/24	07/09/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428013
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene	99.5 %	70-130		07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4	98.9 %	70-130		07/09/24	07/09/24	
Surrogate: Toluene-d8	93.7 %	70-130		07/09/24	07/09/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2428018
Diesel Range Organics (C10-C28)	ND	25.0	1	07/09/24	07/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/09/24	07/09/24	
Surrogate: n-Nonane	104 %	50-200		07/09/24	07/09/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2428021
Chloride	20.0	20.0	1	07/09/24	07/09/24	





## Sample Data

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

Project Name: Flowline Supplying the Remuda Basin SWD  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
7/9/2024 4:53:42PM

A6-3'

E407033-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428013
Benzene	ND	0.0250	1	07/09/24	07/09/24	
Ethylbenzene	ND	0.0250	1	07/09/24	07/09/24	
Toluene	ND	0.0250	1	07/09/24	07/09/24	
o-Xylene	ND	0.0250	1	07/09/24	07/09/24	
p,m-Xylene	ND	0.0500	1	07/09/24	07/09/24	
Total Xylenes	ND	0.0250	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene	98.2 %	70-130		07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4	98.2 %	70-130		07/09/24	07/09/24	
Surrogate: Toluene-d8	95.3 %	70-130		07/09/24	07/09/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428013
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene	98.2 %	70-130		07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4	98.2 %	70-130		07/09/24	07/09/24	
Surrogate: Toluene-d8	95.3 %	70-130		07/09/24	07/09/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2428018
Diesel Range Organics (C10-C28)	ND	25.0	1	07/09/24	07/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/09/24	07/09/24	
Surrogate: n-Nonane	104 %	50-200		07/09/24	07/09/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2428021
Chloride	27.4	20.0	1	07/09/24	07/09/24	





## Sample Data

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

Project Name: Flowline Supplying the Remuda Basin SWD  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
7/9/2024 4:53:42PM

A7-3'

E407033-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428013
Benzene	ND	0.0250	1	07/09/24	07/09/24	
Ethylbenzene	ND	0.0250	1	07/09/24	07/09/24	
Toluene	ND	0.0250	1	07/09/24	07/09/24	
o-Xylene	ND	0.0250	1	07/09/24	07/09/24	
p,m-Xylene	ND	0.0500	1	07/09/24	07/09/24	
Total Xylenes	ND	0.0250	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene	91.7 %	70-130		07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4	98.5 %	70-130		07/09/24	07/09/24	
Surrogate: Toluene-d8	93.1 %	70-130		07/09/24	07/09/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428013
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene	91.7 %	70-130		07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4	98.5 %	70-130		07/09/24	07/09/24	
Surrogate: Toluene-d8	93.1 %	70-130		07/09/24	07/09/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2428018
Diesel Range Organics (C10-C28)	ND	25.0	1	07/09/24	07/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/09/24	07/09/24	
Surrogate: n-Nonane	103 %	50-200		07/09/24	07/09/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2428021
Chloride	30.1	20.0	1	07/09/24	07/09/24	





## Sample Data

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

Project Name: Flowline Supplying the Remuda Basin SWD  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
7/9/2024 4:53:42PM

A8-3'

E407033-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428013
Benzene	ND	0.0250	1	07/09/24	07/09/24	
Ethylbenzene	ND	0.0250	1	07/09/24	07/09/24	
Toluene	ND	0.0250	1	07/09/24	07/09/24	
o-Xylene	ND	0.0250	1	07/09/24	07/09/24	
p,m-Xylene	ND	0.0500	1	07/09/24	07/09/24	
Total Xylenes	ND	0.0250	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene	92.7 %	70-130		07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		07/09/24	07/09/24	
Surrogate: Toluene-d8	94.3 %	70-130		07/09/24	07/09/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428013
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene	92.7 %	70-130		07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		07/09/24	07/09/24	
Surrogate: Toluene-d8	94.3 %	70-130		07/09/24	07/09/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2428018
Diesel Range Organics (C10-C28)	ND	25.0	1	07/09/24	07/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/09/24	07/09/24	
Surrogate: n-Nonane	103 %	50-200		07/09/24	07/09/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2428021
Chloride	28.5	20.0	1	07/09/24	07/09/24	





## Sample Data

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

Project Name: Flowline Supplying the Remuda Basin SWD  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
7/9/2024 4:53:42PM

A9-3'

E407033-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428013
Benzene	ND	0.0250	1	07/09/24	07/09/24	
Ethylbenzene	ND	0.0250	1	07/09/24	07/09/24	
Toluene	ND	0.0250	1	07/09/24	07/09/24	
o-Xylene	ND	0.0250	1	07/09/24	07/09/24	
p,m-Xylene	ND	0.0500	1	07/09/24	07/09/24	
Total Xylenes	ND	0.0250	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene	93.0 %	70-130		07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4	96.6 %	70-130		07/09/24	07/09/24	
Surrogate: Toluene-d8	96.8 %	70-130		07/09/24	07/09/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428013
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene	93.0 %	70-130		07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4	96.6 %	70-130		07/09/24	07/09/24	
Surrogate: Toluene-d8	96.8 %	70-130		07/09/24	07/09/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2428018
Diesel Range Organics (C10-C28)	ND	25.0	1	07/09/24	07/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/09/24	07/09/24	
Surrogate: n-Nonane	111 %	50-200		07/09/24	07/09/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2428021
Chloride	23.0	20.0	1	07/09/24	07/09/24	





## Sample Data

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

Project Name: Flowline Supplying the Remuda Basin SWD  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
7/9/2024 4:53:42PM

A10-3'

E407033-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428013
Benzene	ND	0.0250	1	07/09/24	07/09/24	
Ethylbenzene	ND	0.0250	1	07/09/24	07/09/24	
Toluene	ND	0.0250	1	07/09/24	07/09/24	
o-Xylene	ND	0.0250	1	07/09/24	07/09/24	
p,m-Xylene	ND	0.0500	1	07/09/24	07/09/24	
Total Xylenes	ND	0.0250	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene	92.6 %	70-130		07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4	95.1 %	70-130		07/09/24	07/09/24	
Surrogate: Toluene-d8	96.3 %	70-130		07/09/24	07/09/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428013
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene	92.6 %	70-130		07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4	95.1 %	70-130		07/09/24	07/09/24	
Surrogate: Toluene-d8	96.3 %	70-130		07/09/24	07/09/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2428018
Diesel Range Organics (C10-C28)	ND	25.0	1	07/09/24	07/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/09/24	07/09/24	
Surrogate: n-Nonane	106 %	50-200		07/09/24	07/09/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2428021
Chloride	27.6	20.0	1	07/09/24	07/09/24	





## Sample Data

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

Project Name: Flowline Supplying the Remuda Basin SWD  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
7/9/2024 4:53:42PM

A11-3'

E407033-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428013
Benzene	ND	0.0250	1	07/09/24	07/09/24	
Ethylbenzene	ND	0.0250	1	07/09/24	07/09/24	
Toluene	ND	0.0250	1	07/09/24	07/09/24	
o-Xylene	ND	0.0250	1	07/09/24	07/09/24	
p,m-Xylene	ND	0.0500	1	07/09/24	07/09/24	
Total Xylenes	ND	0.0250	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene	92.7 %	70-130		07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4	95.9 %	70-130		07/09/24	07/09/24	
Surrogate: Toluene-d8	95.6 %	70-130		07/09/24	07/09/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428013
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene	92.7 %	70-130		07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4	95.9 %	70-130		07/09/24	07/09/24	
Surrogate: Toluene-d8	95.6 %	70-130		07/09/24	07/09/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2428018
Diesel Range Organics (C10-C28)	ND	25.0	1	07/09/24	07/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/09/24	07/09/24	
Surrogate: n-Nonane	99.5 %	50-200		07/09/24	07/09/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2428021
Chloride	39.0	20.0	1	07/09/24	07/09/24	





## Sample Data

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

Project Name: Flowline Supplying the Remuda Basin SWD  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
7/9/2024 4:53:42PM

A12-3'

E407033-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428013
Benzene	ND	0.0250	1	07/09/24	07/09/24	
Ethylbenzene	ND	0.0250	1	07/09/24	07/09/24	
Toluene	ND	0.0250	1	07/09/24	07/09/24	
o-Xylene	ND	0.0250	1	07/09/24	07/09/24	
p,m-Xylene	ND	0.0500	1	07/09/24	07/09/24	
Total Xylenes	ND	0.0250	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene	93.4 %	70-130		07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4	95.6 %	70-130		07/09/24	07/09/24	
Surrogate: Toluene-d8	95.7 %	70-130		07/09/24	07/09/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428013
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene	93.4 %	70-130		07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4	95.6 %	70-130		07/09/24	07/09/24	
Surrogate: Toluene-d8	95.7 %	70-130		07/09/24	07/09/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2428018
Diesel Range Organics (C10-C28)	ND	25.0	1	07/09/24	07/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/09/24	07/09/24	
Surrogate: n-Nonane	102 %	50-200		07/09/24	07/09/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2428021
Chloride	28.8	20.0	1	07/09/24	07/09/24	





## Sample Data

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

Project Name: Flowline Supplying the Remuda Basin SWD  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
7/9/2024 4:53:42PM

A13-3'

E407033-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428013
Benzene	ND	0.0250	1	07/09/24	07/09/24	
Ethylbenzene	ND	0.0250	1	07/09/24	07/09/24	
Toluene	ND	0.0250	1	07/09/24	07/09/24	
o-Xylene	ND	0.0250	1	07/09/24	07/09/24	
p,m-Xylene	ND	0.0500	1	07/09/24	07/09/24	
Total Xylenes	ND	0.0250	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene	93.2 %	70-130		07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4	96.3 %	70-130		07/09/24	07/09/24	
Surrogate: Toluene-d8	95.6 %	70-130		07/09/24	07/09/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428013
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene	93.2 %	70-130		07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4	96.3 %	70-130		07/09/24	07/09/24	
Surrogate: Toluene-d8	95.6 %	70-130		07/09/24	07/09/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2428018
Diesel Range Organics (C10-C28)	ND	25.0	1	07/09/24	07/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/09/24	07/09/24	
Surrogate: n-Nonane	99.5 %	50-200		07/09/24	07/09/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2428021
Chloride	22.5	20.0	1	07/09/24	07/09/24	





## Sample Data

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

Project Name: Flowline Supplying the Remuda Basin SWD  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
7/9/2024 4:53:42PM

A14-3'

E407033-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428013
Benzene	ND	0.0250	1	07/09/24	07/09/24	
Ethylbenzene	ND	0.0250	1	07/09/24	07/09/24	
Toluene	ND	0.0250	1	07/09/24	07/09/24	
o-Xylene	ND	0.0250	1	07/09/24	07/09/24	
p,m-Xylene	ND	0.0500	1	07/09/24	07/09/24	
Total Xylenes	ND	0.0250	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene	92.6 %	70-130		07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4	95.6 %	70-130		07/09/24	07/09/24	
Surrogate: Toluene-d8	95.3 %	70-130		07/09/24	07/09/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428013
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene	92.6 %	70-130		07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4	95.6 %	70-130		07/09/24	07/09/24	
Surrogate: Toluene-d8	95.3 %	70-130		07/09/24	07/09/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2428018
Diesel Range Organics (C10-C28)	ND	25.0	1	07/09/24	07/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/09/24	07/09/24	
Surrogate: n-Nonane	101 %	50-200		07/09/24	07/09/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2428021
Chloride	26.3	20.0	1	07/09/24	07/09/24	





## Sample Data

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

Project Name: Flowline Supplying the Remuda Basin SWD  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
7/9/2024 4:53:42PM

A15-3'

E407033-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428013
Benzene	ND	0.0250	1	07/09/24	07/09/24	
Ethylbenzene	ND	0.0250	1	07/09/24	07/09/24	
Toluene	ND	0.0250	1	07/09/24	07/09/24	
o-Xylene	ND	0.0250	1	07/09/24	07/09/24	
p,m-Xylene	ND	0.0500	1	07/09/24	07/09/24	
Total Xylenes	ND	0.0250	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene	91.4 %	70-130		07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4	98.3 %	70-130		07/09/24	07/09/24	
Surrogate: Toluene-d8	96.7 %	70-130		07/09/24	07/09/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428013
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene	91.4 %	70-130		07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4	98.3 %	70-130		07/09/24	07/09/24	
Surrogate: Toluene-d8	96.7 %	70-130		07/09/24	07/09/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2428018
Diesel Range Organics (C10-C28)	ND	25.0	1	07/09/24	07/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/09/24	07/09/24	
Surrogate: n-Nonane	107 %	50-200		07/09/24	07/09/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2428021
Chloride	28.7	20.0	1	07/09/24	07/09/24	





## Sample Data

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

Project Name: Flowline Supplying the Remuda Basin SWD  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
7/9/2024 4:53:42PM

A16-3'

E407033-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428013
Benzene	ND	0.0250	1	07/09/24	07/09/24	
Ethylbenzene	ND	0.0250	1	07/09/24	07/09/24	
Toluene	ND	0.0250	1	07/09/24	07/09/24	
o-Xylene	ND	0.0250	1	07/09/24	07/09/24	
p,m-Xylene	ND	0.0500	1	07/09/24	07/09/24	
Total Xylenes	ND	0.0250	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene	92.6 %	70-130		07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4	97.1 %	70-130		07/09/24	07/09/24	
Surrogate: Toluene-d8	95.0 %	70-130		07/09/24	07/09/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428013
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene	92.6 %	70-130		07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4	97.1 %	70-130		07/09/24	07/09/24	
Surrogate: Toluene-d8	95.0 %	70-130		07/09/24	07/09/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2428018
Diesel Range Organics (C10-C28)	ND	25.0	1	07/09/24	07/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/09/24	07/09/24	
Surrogate: n-Nonane	101 %	50-200		07/09/24	07/09/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2428021
Chloride	23.0	20.0	1	07/09/24	07/09/24	





## Sample Data

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

Project Name: Flowline Supplying the Remuda Basin SWD  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
7/9/2024 4:53:42PM

A17-3'

E407033-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428013
Benzene	ND	0.0250	1	07/09/24	07/09/24	
Ethylbenzene	ND	0.0250	1	07/09/24	07/09/24	
Toluene	ND	0.0250	1	07/09/24	07/09/24	
o-Xylene	ND	0.0250	1	07/09/24	07/09/24	
p,m-Xylene	ND	0.0500	1	07/09/24	07/09/24	
Total Xylenes	ND	0.0250	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene	97.4 %	70-130		07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4	95.7 %	70-130		07/09/24	07/09/24	
Surrogate: Toluene-d8	94.1 %	70-130		07/09/24	07/09/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428013
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene	97.4 %	70-130		07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4	95.7 %	70-130		07/09/24	07/09/24	
Surrogate: Toluene-d8	94.1 %	70-130		07/09/24	07/09/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2428018
Diesel Range Organics (C10-C28)	ND	25.0	1	07/09/24	07/09/24	
Oil Range Organics (C28-C36)	62.1	50.0	1	07/09/24	07/09/24	
Surrogate: n-Nonane	95.4 %	50-200		07/09/24	07/09/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2428021
Chloride	23.8	20.0	1	07/09/24	07/09/24	





## Sample Data

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

Project Name: Flowline Supplying the Remuda Basin SWD  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
7/9/2024 4:53:42PM

A18-3'

E407033-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428013
Benzene	ND	0.0250	1	07/09/24	07/09/24	
Ethylbenzene	ND	0.0250	1	07/09/24	07/09/24	
Toluene	ND	0.0250	1	07/09/24	07/09/24	
o-Xylene	ND	0.0250	1	07/09/24	07/09/24	
p,m-Xylene	ND	0.0500	1	07/09/24	07/09/24	
Total Xylenes	ND	0.0250	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene		101 %	70-130	07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130	07/09/24	07/09/24	
Surrogate: Toluene-d8		95.0 %	70-130	07/09/24	07/09/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428013
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene		101 %	70-130	07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130	07/09/24	07/09/24	
Surrogate: Toluene-d8		95.0 %	70-130	07/09/24	07/09/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2428018
Diesel Range Organics (C10-C28)	ND	25.0	1	07/09/24	07/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/09/24	07/09/24	
Surrogate: n-Nonane		90.4 %	50-200	07/09/24	07/09/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2428021
Chloride	24.0	20.0	1	07/09/24	07/09/24	





## Sample Data

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

Project Name: Flowline Supplying the Remuda Basin SWD  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
7/9/2024 4:53:42PM

A19-3'

E407033-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428013
Benzene	ND	0.0250	1	07/09/24	07/09/24	
Ethylbenzene	ND	0.0250	1	07/09/24	07/09/24	
Toluene	ND	0.0250	1	07/09/24	07/09/24	
o-Xylene	ND	0.0250	1	07/09/24	07/09/24	
p,m-Xylene	ND	0.0500	1	07/09/24	07/09/24	
Total Xylenes	ND	0.0250	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene	99.2 %	70-130		07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4	97.9 %	70-130		07/09/24	07/09/24	
Surrogate: Toluene-d8	94.5 %	70-130		07/09/24	07/09/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428013
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene	99.2 %	70-130		07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4	97.9 %	70-130		07/09/24	07/09/24	
Surrogate: Toluene-d8	94.5 %	70-130		07/09/24	07/09/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2428018
Diesel Range Organics (C10-C28)	ND	25.0	1	07/09/24	07/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/09/24	07/09/24	
Surrogate: n-Nonane	93.8 %	50-200		07/09/24	07/09/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2428021
Chloride	21.7	20.0	1	07/09/24	07/09/24	





## Sample Data

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

Project Name: Flowline Supplying the Remuda Basin SWD  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
7/9/2024 4:53:42PM

A20-3'

E407033-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428013
Benzene	ND	0.0250	1	07/09/24	07/09/24	
Ethylbenzene	ND	0.0250	1	07/09/24	07/09/24	
Toluene	ND	0.0250	1	07/09/24	07/09/24	
o-Xylene	ND	0.0250	1	07/09/24	07/09/24	
p,m-Xylene	ND	0.0500	1	07/09/24	07/09/24	
Total Xylenes	ND	0.0250	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene	99.3 %	70-130		07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		07/09/24	07/09/24	
Surrogate: Toluene-d8	93.2 %	70-130		07/09/24	07/09/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428013
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene	99.3 %	70-130		07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		07/09/24	07/09/24	
Surrogate: Toluene-d8	93.2 %	70-130		07/09/24	07/09/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2428018
Diesel Range Organics (C10-C28)	ND	25.0	1	07/09/24	07/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/09/24	07/09/24	
Surrogate: n-Nonane	110 %	50-200		07/09/24	07/09/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2428021
Chloride	21.7	20.0	1	07/09/24	07/09/24	





## Sample Data

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

Project Name: Flowline Supplying the Remuda Basin SWD  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
7/9/2024 4:53:42PM

A21-3'

E407033-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428017
Benzene	ND	0.0250	1	07/09/24	07/09/24	
Ethylbenzene	ND	0.0250	1	07/09/24	07/09/24	
Toluene	ND	0.0250	1	07/09/24	07/09/24	
o-Xylene	ND	0.0250	1	07/09/24	07/09/24	
p,m-Xylene	ND	0.0500	1	07/09/24	07/09/24	
Total Xylenes	ND	0.0250	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene	97.0 %	70-130		07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4	96.8 %	70-130		07/09/24	07/09/24	
Surrogate: Toluene-d8	95.4 %	70-130		07/09/24	07/09/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428017
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene	97.0 %	70-130		07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4	96.8 %	70-130		07/09/24	07/09/24	
Surrogate: Toluene-d8	95.4 %	70-130		07/09/24	07/09/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2428016
Diesel Range Organics (C10-C28)	ND	25.0	1	07/09/24	07/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/09/24	07/09/24	
Surrogate: n-Nonane	113 %	50-200		07/09/24	07/09/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2428020
Chloride	27.7	20.0	1	07/09/24	07/09/24	





## Sample Data

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

Project Name: Flowline Supplying the Remuda Basin SWD  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
7/9/2024 4:53:42PM

A22-3'

E407033-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428017
Benzene	ND	0.0250	1	07/09/24	07/09/24	
Ethylbenzene	ND	0.0250	1	07/09/24	07/09/24	
Toluene	ND	0.0250	1	07/09/24	07/09/24	
o-Xylene	ND	0.0250	1	07/09/24	07/09/24	
p,m-Xylene	ND	0.0500	1	07/09/24	07/09/24	
Total Xylenes	ND	0.0250	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene	97.8 %	70-130		07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		07/09/24	07/09/24	
Surrogate: Toluene-d8	93.4 %	70-130		07/09/24	07/09/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428017
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene	97.8 %	70-130		07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		07/09/24	07/09/24	
Surrogate: Toluene-d8	93.4 %	70-130		07/09/24	07/09/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2428016
Diesel Range Organics (C10-C28)	ND	25.0	1	07/09/24	07/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/09/24	07/09/24	
Surrogate: n-Nonane	115 %	50-200		07/09/24	07/09/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2428020
Chloride	26.0	20.0	1	07/09/24	07/09/24	





## Sample Data

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

Project Name: Flowline Supplying the Remuda Basin SWD  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
7/9/2024 4:53:42PM

A23-3'

E407033-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428017
Benzene	ND	0.0250	1	07/09/24	07/09/24	
Ethylbenzene	ND	0.0250	1	07/09/24	07/09/24	
Toluene	ND	0.0250	1	07/09/24	07/09/24	
o-Xylene	ND	0.0250	1	07/09/24	07/09/24	
p,m-Xylene	ND	0.0500	1	07/09/24	07/09/24	
Total Xylenes	ND	0.0250	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene		103 %	70-130	07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4		90.6 %	70-130	07/09/24	07/09/24	
Surrogate: Toluene-d8		102 %	70-130	07/09/24	07/09/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428017
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene		103 %	70-130	07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4		90.6 %	70-130	07/09/24	07/09/24	
Surrogate: Toluene-d8		102 %	70-130	07/09/24	07/09/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2428016
Diesel Range Organics (C10-C28)	ND	25.0	1	07/09/24	07/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/09/24	07/09/24	
Surrogate: n-Nonane		104 %	50-200	07/09/24	07/09/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2428020
Chloride	22.2	20.0	1	07/09/24	07/09/24	





## Sample Data

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

Project Name: Flowline Supplying the Remuda Basin SWD  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
7/9/2024 4:53:42PM

A24-3'

E407033-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428017
Benzene	ND	0.0250	1	07/09/24	07/09/24	
Ethylbenzene	ND	0.0250	1	07/09/24	07/09/24	
Toluene	ND	0.0250	1	07/09/24	07/09/24	
o-Xylene	ND	0.0250	1	07/09/24	07/09/24	
p,m-Xylene	ND	0.0500	1	07/09/24	07/09/24	
Total Xylenes	ND	0.0250	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene		103 %	70-130	07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4		92.1 %	70-130	07/09/24	07/09/24	
Surrogate: Toluene-d8		101 %	70-130	07/09/24	07/09/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2428017
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/24	07/09/24	
Surrogate: Bromofluorobenzene		103 %	70-130	07/09/24	07/09/24	
Surrogate: 1,2-Dichloroethane-d4		92.1 %	70-130	07/09/24	07/09/24	
Surrogate: Toluene-d8		101 %	70-130	07/09/24	07/09/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2428016
Diesel Range Organics (C10-C28)	ND	25.0	1	07/09/24	07/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/09/24	07/09/24	
Surrogate: n-Nonane		114 %	50-200	07/09/24	07/09/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2428020
Chloride	23.4	20.0	1	07/09/24	07/09/24	





## QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Flowline Supplying the Remuda Basin SWD	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/9/2024 4:53:42PM

## Volatile Organic Compounds by EPA 8260B

Analyst: RKS

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

## Blank (2428013-BLK1)

Prepared: 07/08/24 Analyzed: 07/09/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.480		0.500		96.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.495		0.500		99.0	70-130			
Surrogate: Toluene-d8	0.469		0.500		93.8	70-130			

## LCS (2428013-BS1)

Prepared: 07/08/24 Analyzed: 07/09/24

Benzene	2.47	0.0250	2.50		98.8	70-130			
Ethylbenzene	2.31	0.0250	2.50		92.4	70-130			
Toluene	2.20	0.0250	2.50		87.9	70-130			
o-Xylene	2.25	0.0250	2.50		90.0	70-130			
p,m-Xylene	4.49	0.0500	5.00		89.8	70-130			
Total Xylenes	6.74	0.0250	7.50		89.8	70-130			
Surrogate: Bromofluorobenzene	0.499		0.500		99.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.496		0.500		99.1	70-130			
Surrogate: Toluene-d8	0.475		0.500		94.9	70-130			

## LCS Dup (2428013-BSD1)

Prepared: 07/08/24 Analyzed: 07/09/24

Benzene	2.66	0.0250	2.50		106	70-130	7.20	23	
Ethylbenzene	2.47	0.0250	2.50		98.7	70-130	6.61	27	
Toluene	2.34	0.0250	2.50		93.8	70-130	6.47	24	
o-Xylene	2.41	0.0250	2.50		96.4	70-130	6.93	27	
p,m-Xylene	4.82	0.0500	5.00		96.4	70-130	7.09	27	
Total Xylenes	7.23	0.0250	7.50		96.4	70-130	7.04	27	
Surrogate: Bromofluorobenzene	0.491		0.500		98.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.497		0.500		99.4	70-130			
Surrogate: Toluene-d8	0.476		0.500		95.1	70-130			





## QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Flowline Supplying the Remuda Basin SWD Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 7/9/2024 4:53:42PM
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## Volatile Organic Compounds by EPA 8260B

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 (2428017-BLK1)

Prepared: 07/08/24 Analyzed: 07/08/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.500		0.500		99.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.474		0.500		94.7	70-130			
Surrogate: Toluene-d8	0.482		0.500		96.3	70-130			

## LCS (2428017-BS1)

Prepared: 07/08/24 Analyzed: 07/08/24

Benzene	2.31	0.0250	2.50		92.3	70-130			
Ethylbenzene	2.30	0.0250	2.50		91.9	70-130			
Toluene	2.13	0.0250	2.50		85.3	70-130			
o-Xylene	2.20	0.0250	2.50		88.0	70-130			
p,m-Xylene	4.39	0.0500	5.00		87.9	70-130			
Total Xylenes	6.60	0.0250	7.50		87.9	70-130			
Surrogate: Bromofluorobenzene	0.488		0.500		97.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		96.9	70-130			
Surrogate: Toluene-d8	0.478		0.500		95.5	70-130			

## LCS Dup (2428017-BSD1)

Prepared: 07/08/24 Analyzed: 07/08/24

Benzene	2.29	0.0250	2.50		91.5	70-130	0.827	23	
Ethylbenzene	2.35	0.0250	2.50		93.8	70-130	2.13	27	
Toluene	2.17	0.0250	2.50		86.8	70-130	1.79	24	
o-Xylene	2.35	0.0250	2.50		93.8	70-130	6.36	27	
p,m-Xylene	4.69	0.0500	5.00		93.7	70-130	6.46	27	
Total Xylenes	7.03	0.0250	7.50		93.8	70-130	6.43	27	
Surrogate: Bromofluorobenzene	0.500		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.460		0.500		91.9	70-130			
Surrogate: Toluene-d8	0.485		0.500		97.0	70-130			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Flowline Supplying the Remuda Basin SWD	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/9/2024 4:53:42PM

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 (2428013-BLK1) Prepared: 07/08/24 Analyzed: 07/09/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.480		0.500		96.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.495		0.500		99.0	70-130			
Surrogate: Toluene-d8	0.469		0.500		93.8	70-130			

LCS (2428013-BS2) Prepared: 07/08/24 Analyzed: 07/09/24

Gasoline Range Organics (C6-C10)	43.4	20.0	50.0		86.7	70-130			
Surrogate: Bromofluorobenzene	0.495		0.500		99.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.3	70-130			
Surrogate: Toluene-d8	0.480		0.500		96.0	70-130			

LCS Dup (2428013-BSD2) Prepared: 07/08/24 Analyzed: 07/09/24

Gasoline Range Organics (C6-C10)	43.8	20.0	50.0		87.7	70-130	1.11	20	
Surrogate: Bromofluorobenzene	0.497		0.500		99.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.480		0.500		95.9	70-130			
Surrogate: Toluene-d8	0.485		0.500		96.9	70-130			





## QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Flowline Supplying the Remuda Basin SWD Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 7/9/2024 4:53:42PM
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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 (2428017-BLK1)

Prepared: 07/08/24 Analyzed: 07/08/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.500		0.500		99.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.474		0.500		94.7	70-130			
Surrogate: Toluene-d8	0.482		0.500		96.3	70-130			

## LCS (2428017-BS2)

Prepared: 07/08/24 Analyzed: 07/08/24

Gasoline Range Organics (C6-C10)	45.5	20.0	50.0		91.0	70-130			
Surrogate: Bromofluorobenzene	0.507		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.502		0.500		100	70-130			
Surrogate: Toluene-d8	0.487		0.500		97.3	70-130			

## LCS Dup (2428017-BSD2)

Prepared: 07/08/24 Analyzed: 07/08/24

Gasoline Range Organics (C6-C10)	47.0	20.0	50.0		93.9	70-130	3.14	20	
Surrogate: Bromofluorobenzene	0.504		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.5	70-130			
Surrogate: Toluene-d8	0.482		0.500		96.3	70-130			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Flowline Supplying the Remuda Basin SWD	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/9/2024 4:53:42PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

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

Blank (2428016-BLK1)					Prepared: 07/08/24 Analyzed: 07/08/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	53.0		50.0		106	50-200			

LCS (2428016-BS1)					Prepared: 07/08/24 Analyzed: 07/08/24				
Diesel Range Organics (C10-C28)	278	25.0	250		111	38-132			
Surrogate: n-Nonane	54.3		50.0		109	50-200			

LCS Dup (2428016-BSD1)					Prepared: 07/08/24 Analyzed: 07/08/24				
Diesel Range Organics (C10-C28)	269	25.0	250		108	38-132	3.10	20	
Surrogate: n-Nonane	54.2		50.0		108	50-200			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Flowline Supplying the Remuda Basin SWD	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/9/2024 4:53:42PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2428018-BLK1)					Prepared: 07/08/24 Analyzed: 07/08/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	53.3		50.0		107	50-200			

LCS (2428018-BS1)					Prepared: 07/08/24 Analyzed: 07/08/24				
Diesel Range Organics (C10-C28)	273	25.0	250		109	38-132			
Surrogate: n-Nonane	54.8		50.0		110	50-200			

LCS Dup (2428018-BSD1)					Prepared: 07/08/24 Analyzed: 07/08/24				
Diesel Range Organics (C10-C28)	271	25.0	250		108	38-132	0.760	20	
Surrogate: n-Nonane	54.0		50.0		108	50-200			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Flowline Supplying the Remuda Basin SWD	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/9/2024 4:53:42PM

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (2428020-BLK1)					Prepared: 07/08/24 Analyzed: 07/09/24				
Chloride	ND	20.0							
LCS (2428020-BS1)					Prepared: 07/08/24 Analyzed: 07/09/24				
Chloride	251	20.0	250		100	90-110			
LCS Dup (2428020-BSD1)					Prepared: 07/08/24 Analyzed: 07/09/24				
Chloride	250	20.0	250		100	90-110	0.122	20	





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Flowline Supplying the Remuda Basin SWD	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	7/9/2024 4:53:42PM

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (2428021-BLK1)					Prepared: 07/08/24 Analyzed: 07/08/24				
Chloride	ND	20.0							
LCS (2428021-BS1)					Prepared: 07/08/24 Analyzed: 07/09/24				
Chloride	248	20.0	250		99.4	90-110			
LCS Dup (2428021-BSD1)					Prepared: 07/08/24 Analyzed: 07/09/24				
Chloride	249	20.0	250		99.5	90-110	0.136	20	

QC Summary Report Comment:  
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.  
Therefore, hand calculated values may differ slightly.





Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Flowline Supplying the Remuda Basin SWD	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	07/09/24 16:53

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

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

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





## Project Information

Basin SWD

## Chain of Custody

Page 1 of 3

Flowline Supplying the Permuda

Client: <b>Pima Environmental Services</b>		Attention: <b>Devon</b>		Lab Use Only		TAT				EPA Program			
Project:		Address:		Lab WO# <b>E407033</b>		Job Number <b>01058-007</b>		1D	2D	3D	Standard	CWA	SDWA
Project Manager: <b>Gio Gomez</b>		City, State, Zip						<input checked="" type="checkbox"/>					
Address: <b>5614 N. Lovington Hwy.</b>		Phone:										RCRA	
City, State, Zip <b>Hobbs, NM, 88240</b>		Email:										State	
Phone: <b>806-782-1151</b>		Pima Project # <b>1-119</b>										NM <input checked="" type="checkbox"/> CO <input type="checkbox"/> UT <input type="checkbox"/> AZ <input type="checkbox"/> TX <input type="checkbox"/>	
Email: <b>gio@pimaoil.com</b>												Remarks	
Report due by:													

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BDOC NM	BDOC TX	Remarks
8:00	6/28	S	1	A1-3'	1							X		
8:07				A2-3'	2									
8:11				A3-3'	3									
8:17				A4-3'	4									
8:22				A5-3'	5									
8:28				A6-3'	6									
8:33				A7-3'	7									
8:36				A8-3'	8									
8:42				A9-3'	9									
8:48				A10-3'	10									

Additional Instructions: **B# 21030907**

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 5 °C on subsequent days.

Relinquished by: (Signature) <b>Kerime Arslan</b>	Date <b>7/8/24</b>	Time <b>3:47</b>	Received by: (Signature) <b>Michelle Gonzales</b>	Date <b>7-8-24</b>	Time <b>1547</b>	Lab Use Only Received on ice: <input checked="" type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <b>4</b>
Relinquished by: (Signature) <b>Michelle Gonzales</b>	Date <b>7-8-24</b>	Time <b>1755</b>	Received by: (Signature) <b>J.M.</b>	Date <b>7-8-24</b>	Time <b>1755</b>	
Relinquished by: (Signature) <b>J.M.</b>	Date <b>7-8-24</b>	Time <b>2400</b>	Received by: (Signature) <b>[Signature]</b>	Date <b>7-9-24</b>	Time <b>1120</b>	

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

Page 2 of 3

Client: <u>Pima Environmental Services</u> <u>SWD</u>		Attention: <u>Devon</u>		Lab Use Only		TAT				EPA Program	
Project: <u>Flowline Supplying The Pima Basin</u>		Address:		Lab WO#	Job Number	1D	2D	3D	Standard	CWA	SDWA
Project Manager: <u>Glo Gomez</u>		City, State, Zip		<u>E 407033</u>	<u>01058-0007</u>	<input checked="" type="checkbox"/>					
Address: <u>5614 N. Lovington Hwy.</u>		Phone:		Analysis and Method							
City, State, Zip: <u>Hobbs, NM. 88240</u>		Email:		DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BDOC NM	BDOC TX
Phone: <u>806-782-1151</u>		Pima Project # <u>1-119</u>									
Email: <u>glo@pimaoil.com</u>											
Report due by:											

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BDOC NM	BDOC TX	Remarks
8:50	6/28	S	1	A11-3'	11							<input checked="" type="checkbox"/>		
8:56				A12-3'	12									
9:03				A13-3'	13									
9:10				A14-3'	14									
9:14				A15-3'	15									
9:17				A16-3'	16									
9:20				A17-3'	17									
9:26				A18-3'	18									
9:33				A19-3'	19									
9:39				A20-3'	20									

Additional Instructions: B# 21030907

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>Kurine Adams</u>	Date <u>7/8/24</u>	Time <u>3:47</u>	Received by: (Signature) <u>Michelle Gonzales</u>	Date <u>7-8-24</u>	Time <u>1547</u>	Lab Use Only Received on ice: <u>Y/N</u>
Relinquished by: (Signature) <u>Michelle Gonzales</u>	Date <u>7-8-24</u>	Time <u>1755</u>	Received by: (Signature) <u>J.M.</u>	Date <u>7-8-24</u>	Time <u>1755</u>	T1 _____ T2 _____ T3 _____
Relinquished by: (Signature) <u>J.M.</u>	Date <u>7-8-24</u>	Time <u>2400</u>	Received by: (Signature) <u>St</u>	Date <u>7-9-24</u>	Time <u>1120</u>	AVG Temp °C <u>4</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

Page 3 of 3

Basin SWD  
Flowline Supplying the Remuda

Client: Pima Environmental Services					Attention: <u>Devon</u>					Lab Use Only					TAT				EPA Program								
Project:					Address:					Lab WO# <u>E 403033</u>					Job Number <u>01058-0007</u>					1D <input checked="" type="checkbox"/> 2D <input type="checkbox"/> 3D <input type="checkbox"/>		Standard		CWA		SDWA	
Project Manager: <u>Gio Gomez</u>					City, State, Zip					Analysis and Method														RCRA			
Address: <u>5614 N. Lovington Hwy.</u>					Phone:																						
City, State, Zip <u>Hobbs, NM, 88240</u>					Email:																						
Phone: <u>806-782-1151</u>					Pima Project # <u>1-119</u>																						
Email: <u>gio@pimaoil.com</u>																											
Report due by:																											
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX			State									
																		NM	CO	UT	AZ	TX					
																		<input checked="" type="checkbox"/>									
Remarks																											
9:42	6/28	S	1	A21-3'	21									<input checked="" type="checkbox"/>													
9:47		I	1	A22-3'	22																						
9:50		I	1	A23-3'	23																						
9:58		I	1	A24-3'	24																						

## Additional Instructions:

B# 21030907

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) <u>Kerrine Horne</u>						Received by: (Signature) <u>Michelle Gonzales</u>						Lab Use Only					
Date		Time		Date		Time		Date		Time		Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N					
7/8/24		3:47		7-8-24		1547		7-8-24		1755		T1		T2		T3	
Relinquished by: (Signature) <u>Michelle Gonzales</u>		Date		Time		Relinquished by: (Signature) <u>J.M.</u>		Date		Time		7-8-24		1755			
Relinquished by: (Signature) <u>J.M.</u>		Date		Time		Relinquished by: (Signature) <u>St</u>		Date		Time		7-9-24		1120		AVG Temp °C <u>4</u>	
7-8-24		1755		7-8-24		2400		7-8-24		2400							

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: 7/9/2024 3:00:52PM

## 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:	07/09/24 11:20	Work Order ID:	E407033
Phone:	(575) 631-6977	Date Logged In:	07/08/24 16:31	Logged In By:	Alexa Michaels
Email:	gio@pimaoil.com	Due Date:	07/09/24 17:00 (0 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CouierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.



Report to:  
Tom Bynum



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Flowline Supplying Remuda Basin  
SWD

Work Order: E505043

Job Number: 01058-0007

Received: 5/5/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
5/9/25

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: 5/9/25

Tom Bynum  
PO Box 247  
Plains, TX 79355-0247



Project Name: Flowline Supplying Remuda Basin SWD  
Workorder: E505043  
Date Received: 5/5/2025 7:45:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/5/2025 7:45:00AM, under the Project Name: Flowline Supplying Remuda Basin SWD.

The analytical test results summarized in this report with the Project Name: Flowline Supplying Remuda Basin SWD 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**  
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Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)



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## Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Flowline Supplying Remuda Basin SWD	<b>Reported:</b> 05/09/25 15:00
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
1-SURFACE	E505043-01A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
1-1'	E505043-02A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
2-SURFACE	E505043-03A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
2-1'	E505043-04A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
3-SURFACE	E505043-05A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
3-1'	E505043-06A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
4-SURFACE	E505043-07A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
4-1'	E505043-08A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
5-SURFACE	E505043-09A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
5-1'	E505043-10A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
6-SURFACE	E505043-11A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
6-1'	E505043-12A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.





## Sample Data

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

Project Name: Flowline Supplying Remuda Basin SWD  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
5/9/2025 3:00:20PM

### 1-SURFACE

#### E505043-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2519025	
Benzene	ND	0.0250	1	05/05/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/07/25	
Toluene	ND	0.0250	1	05/05/25	05/07/25	
o-Xylene	ND	0.0250	1	05/05/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		115 %	70-130	05/05/25	05/07/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2519025	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		99.5 %	70-130	05/05/25	05/07/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: HM		Batch: 2519045	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/06/25	
<i>Surrogate: n-Nonane</i>		99.4 %	61-141	05/06/25	05/06/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2519031	
Chloride	33.6	20.0	1	05/06/25	05/06/25	





## Sample Data

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

Project Name: Flowline Supplying Remuda Basin SWD  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
5/9/2025 3:00:20PM

1-1'

E505043-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2519025
Benzene	ND	0.0250	1	05/05/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/07/25	
Toluene	ND	0.0250	1	05/05/25	05/07/25	
o-Xylene	ND	0.0250	1	05/05/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		114 %	70-130	05/05/25	05/07/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2519025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		99.2 %	70-130	05/05/25	05/07/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2519045
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/06/25	
<i>Surrogate: n-Nonane</i>						
		99.3 %	61-141	05/06/25	05/06/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2519031
Chloride	24.2	20.0	1	05/06/25	05/06/25	





## Sample Data

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

Project Name: Flowline Supplying Remuda Basin SWD  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
5/9/2025 3:00:20PM

## 2-SURFACE

## E505043-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2519025	
Benzene	ND	0.0250	1	05/05/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/07/25	
Toluene	ND	0.0250	1	05/05/25	05/07/25	
o-Xylene	ND	0.0250	1	05/05/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		116 %	70-130	05/05/25	05/07/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2519025	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		99.2 %	70-130	05/05/25	05/07/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: HM		Batch: 2519045	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/06/25	
<i>Surrogate: n-Nonane</i>		102 %	61-141	05/06/25	05/06/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2519031	
Chloride	32.0	20.0	1	05/06/25	05/06/25	





## Sample Data

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

Project Name: Flowline Supplying Remuda Basin SWD  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
5/9/2025 3:00:20PM

2-1'

E505043-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2519025
Benzene	ND	0.0250	1	05/05/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/07/25	
Toluene	ND	0.0250	1	05/05/25	05/07/25	
o-Xylene	ND	0.0250	1	05/05/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		113 %	70-130	05/05/25	05/07/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2519025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		97.6 %	70-130	05/05/25	05/07/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2519045
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/06/25	
<i>Surrogate: n-Nonane</i>						
		102 %	61-141	05/06/25	05/06/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2519031
Chloride	84.1	20.0	1	05/06/25	05/06/25	





## Sample Data

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

Project Name: Flowline Supplying Remuda Basin SWD  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
5/9/2025 3:00:20PM

## 3-SURFACE

## E505043-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2519025	
Benzene	ND	0.0250	1	05/05/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/07/25	
Toluene	ND	0.0250	1	05/05/25	05/07/25	
o-Xylene	ND	0.0250	1	05/05/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	05/05/25	05/07/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2519025	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.9 %	70-130	05/05/25	05/07/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: HM		Batch: 2519045	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/06/25	
<i>Surrogate: n-Nonane</i>		102 %	61-141	05/06/25	05/06/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2519031	
Chloride	ND	40.0	2	05/06/25	05/06/25	





## Sample Data

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

Project Name: Flowline Supplying Remuda Basin SWD  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
5/9/2025 3:00:20PM

3-1'

E505043-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2519025
Benzene	ND	0.0250	1	05/05/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/07/25	
Toluene	ND	0.0250	1	05/05/25	05/07/25	
o-Xylene	ND	0.0250	1	05/05/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	05/05/25	05/07/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2519025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.3 %	70-130	05/05/25	05/07/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2519045
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/06/25	
<i>Surrogate: n-Nonane</i>						
		103 %	61-141	05/06/25	05/06/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2519031
Chloride	137	40.0	2	05/06/25	05/06/25	





## Sample Data

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

Project Name: Flowline Supplying Remuda Basin SWD  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
5/9/2025 3:00:20PM

## 4-SURFACE

E505043-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2519025
Benzene	ND	0.0250	1	05/05/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/07/25	
Toluene	ND	0.0250	1	05/05/25	05/07/25	
o-Xylene	ND	0.0250	1	05/05/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	05/05/25	05/07/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2519025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.2 %	70-130	05/05/25	05/07/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2519045
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/06/25	
<i>Surrogate: n-Nonane</i>						
		104 %	61-141	05/06/25	05/06/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2519031
Chloride	40.5	20.0	1	05/06/25	05/06/25	





## Sample Data

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

Project Name: Flowline Supplying Remuda Basin SWD  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
5/9/2025 3:00:20PM

4-1'

E505043-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2519025
Benzene	ND	0.0250	1	05/05/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/07/25	
Toluene	ND	0.0250	1	05/05/25	05/07/25	
o-Xylene	ND	0.0250	1	05/05/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.8 %	70-130		05/05/25	05/07/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2519025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.1 %	70-130		05/05/25	05/07/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2519045
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/06/25	
<i>Surrogate: n-Nonane</i>						
	100 %	61-141		05/06/25	05/06/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2519031
Chloride	43.0	20.0	1	05/06/25	05/06/25	





## Sample Data

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

Project Name: Flowline Supplying Remuda Basin SWD  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
5/9/2025 3:00:20PM

## 5-SURFACE

E505043-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2519025
Benzene	ND	0.0250	1	05/05/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/07/25	
Toluene	ND	0.0250	1	05/05/25	05/07/25	
o-Xylene	ND	0.0250	1	05/05/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	05/05/25	05/07/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2519025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		89.8 %	70-130	05/05/25	05/07/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2519045
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/06/25	
<i>Surrogate: n-Nonane</i>						
		106 %	61-141	05/06/25	05/06/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2519031
Chloride	39.5	20.0	1	05/06/25	05/06/25	





## Sample Data

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

Project Name: Flowline Supplying Remuda Basin SWD  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
5/9/2025 3:00:20PM

5-1'

E505043-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2519025	
Benzene	ND	0.0250	1	05/05/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/07/25	
Toluene	ND	0.0250	1	05/05/25	05/07/25	
o-Xylene	ND	0.0250	1	05/05/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	05/05/25	05/07/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2519025	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		89.8 %	70-130	05/05/25	05/07/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: HM		Batch: 2519045	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/06/25	
<i>Surrogate: n-Nonane</i>						
		103 %	61-141	05/06/25	05/06/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2519031	
Chloride	ND	20.0	1	05/06/25	05/06/25	





## Sample Data

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

Project Name: Flowline Supplying Remuda Basin SWD  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
5/9/2025 3:00:20PM

## 6-SURFACE

## E505043-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2519025
Benzene	ND	0.0250	1	05/05/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/07/25	
Toluene	ND	0.0250	1	05/05/25	05/07/25	
o-Xylene	ND	0.0250	1	05/05/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	05/05/25	05/07/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2519025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		89.9 %	70-130	05/05/25	05/07/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2519045
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/06/25	
<i>Surrogate: n-Nonane</i>						
		105 %	61-141	05/06/25	05/06/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2519031
Chloride	38.7	20.0	1	05/06/25	05/06/25	





## Sample Data

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

Project Name: Flowline Supplying Remuda Basin SWD  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
5/9/2025 3:00:20PM

6-1'

E505043-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2519025	
Benzene	ND	0.0250	1	05/05/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/07/25	
Toluene	ND	0.0250	1	05/05/25	05/07/25	
o-Xylene	ND	0.0250	1	05/05/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.2 %	70-130		05/05/25	05/07/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2519025	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.7 %	70-130		05/05/25	05/07/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: HM		Batch: 2519045	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/06/25	
<i>Surrogate: n-Nonane</i>						
	103 %	61-141		05/06/25	05/06/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2519031	
Chloride	40.6	20.0	1	05/06/25	05/06/25	





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Flowline Supplying Remuda Basin SWD	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/9/2025 3:00:20PM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2519025-BLK1) Prepared: 05/05/25 Analyzed: 05/06/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.90		8.00		111	70-130			

LCS (2519025-BS1) Prepared: 05/05/25 Analyzed: 05/06/25

Benzene	5.16	0.0250	5.00		103	70-130			
Ethylbenzene	5.19	0.0250	5.00		104	70-130			
Toluene	5.21	0.0250	5.00		104	70-130			
o-Xylene	5.11	0.0250	5.00		102	70-130			
p,m-Xylene	10.4	0.0500	10.0		104	70-130			
Total Xylenes	15.5	0.0250	15.0		104	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.84		8.00		111	70-130			

Matrix Spike (2519025-MS1) Source: E505038-02 Prepared: 05/05/25 Analyzed: 05/07/25

Benzene	5.37	0.0250	5.00	ND	107	70-130			
Ethylbenzene	5.38	0.0250	5.00	ND	108	70-130			
Toluene	5.40	0.0250	5.00	ND	108	70-130			
o-Xylene	5.30	0.0250	5.00	ND	106	70-130			
p,m-Xylene	10.8	0.0500	10.0	ND	108	70-130			
Total Xylenes	16.1	0.0250	15.0	ND	107	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.92		8.00		112	70-130			

Matrix Spike Dup (2519025-MSD1) Source: E505038-02 Prepared: 05/05/25 Analyzed: 05/07/25

Benzene	5.17	0.0250	5.00	ND	103	70-130	3.74	27	
Ethylbenzene	5.18	0.0250	5.00	ND	104	70-130	3.75	26	
Toluene	5.20	0.0250	5.00	ND	104	70-130	3.76	20	
o-Xylene	5.13	0.0250	5.00	ND	103	70-130	3.37	25	
p,m-Xylene	10.4	0.0500	10.0	ND	104	70-130	3.56	23	
Total Xylenes	15.6	0.0250	15.0	ND	104	70-130	3.50	26	
Surrogate: 4-Bromochlorobenzene-PID	8.90		8.00		111	70-130			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Flowline Supplying Remuda Basin SWD	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/9/2025 3:00:20PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2519025-BLK1) Prepared: 05/05/25 Analyzed: 05/06/25

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

LCS (2519025-BS2) Prepared: 05/05/25 Analyzed: 05/06/25

Gasoline Range Organics (C6-C10)	47.3	20.0	50.0		94.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.97		8.00		99.6	70-130			

Matrix Spike (2519025-MS2) Source: E505038-02 Prepared: 05/05/25 Analyzed: 05/07/25

Gasoline Range Organics (C6-C10)	45.0	20.0	50.0	ND	90.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.91		8.00		98.9	70-130			

Matrix Spike Dup (2519025-MSD2) Source: E505038-02 Prepared: 05/05/25 Analyzed: 05/07/25

Gasoline Range Organics (C6-C10)	39.0	20.0	50.0	ND	78.0	70-130	14.2	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.98		8.00		99.8	70-130			





## QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Flowline Supplying Remuda Basin SWD Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/9/2025 3:00:20PM
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## Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

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 (2519045-BLK1)

Prepared: 05/06/25 Analyzed: 05/06/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	45.6		50.0		91.2	61-141			

## LCS (2519045-BS1)

Prepared: 05/06/25 Analyzed: 05/06/25

Diesel Range Organics (C10-C28)	244	25.0	250		97.7	66-144			
Surrogate: n-Nonane	45.7		50.0		91.4	61-141			

## Matrix Spike (2519045-MS1)

Source: E505043-12

Prepared: 05/06/25 Analyzed: 05/06/25

Diesel Range Organics (C10-C28)	257	25.0	250	ND	103	56-156			
Surrogate: n-Nonane	47.6		50.0		95.2	61-141			

## Matrix Spike Dup (2519045-MSD1)

Source: E505043-12

Prepared: 05/06/25 Analyzed: 05/06/25

Diesel Range Organics (C10-C28)	261	25.0	250	ND	104	56-156	1.59	20	
Surrogate: n-Nonane	49.6		50.0		99.2	61-141			





## QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Flowline Supplying Remuda Basin SWD	<b>Reported:</b>
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/9/2025 3:00:20PM

## Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2519031-BLK1)

Prepared: 05/06/25 Analyzed: 05/06/25

Chloride ND 20.0

## LCS (2519031-BS1)

Prepared: 05/06/25 Analyzed: 05/06/25

Chloride 257 20.0 250 103 90-110

## Matrix Spike (2519031-MS1)

Source: E505055-03

Prepared: 05/06/25 Analyzed: 05/06/25

Chloride 336 20.0 250 75.7 104 80-120

## Matrix Spike Dup (2519031-MSD1)

Source: E505055-03

Prepared: 05/06/25 Analyzed: 05/06/25

Chloride 330 20.0 250 75.7 102 80-120 1.73 20

## QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.





Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Flowline Supplying Remuda Basin SWD	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	05/09/25 15:00

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





Client Information				Invoice Information				Lab Use Only				TAT				State							
Client: Pima Environmental Services, LLC				Company:				Lab WO#				1D 2D 3D Std				NM CO UT TX							
Project Name: Flowline Supplying Remuda Basin SWD				Address:				E 505043				Job Number 01058-0007				X							
Project Manager: Tom Bynum				City, State, Zip:																			
Address: 5614 North Lovington Hwy				Phone:																			
City, State, Zip: Hobbs, NM. 88240				Email:																			
Phone:				Miscellaneous: Project# 1-119																			
Email: Tom@pimaoil.com																							
Sample Information												Analysis and Method								EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filtered	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TEEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA					
8:25	5/1/2025	S		1-SURFACE		1								X									
8:35	5/1/2025	S		1-1'		2								X									
8:42	5/1/2025	S		2-SURFACE		3								X									
8:52	5/1/2025	S		2-1'		4								X									
8:59	5/1/2025	S		3-SURFACE		5								X									
9:35	5/1/2025	S		3-1'		6								X									
9:43	5/1/2025	S		4-SURFACE		7								X									
9:53	5/1/2025	S		4-1'		8								X									
10:05	5/1/2025	S		5-SURFACE		9								X									
10:16	5/1/2025	S		5-1'		10								X									
Additional Instructions: Billing- 21030907																							
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																							
Sampled by:																							
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.							
Andrew Franco				5/1/25		12:30		Karime Adams				5/2/25		10:17									
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time									
Karime Adams				5/2/25		12:30		Michelle Gonzales				5-2-25		1410									
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time		Lab Use Only Received on ice: <input checked="" type="checkbox"/> N							
Michelle Gonzales				5-2-25		1745		L.M.				5-2-25		1745									
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time									
L.M.				5-2-25		2345		Caitlin Ma				5-5-25		745									
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time									
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																							
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																							
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																							



Client Information				Invoice Information		Lab Use Only		TAT		State									
Client: Pima Environmental Services, LLC				Company:		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX				
Project Name: Flowline Supplying Remuda Basin SWD				Address:		E 505043	01058-0007				X	X							
Project Manager: Tom Bynum				City, State, Zip:															
Address: 5614 North Lovington Hwy				Phone:															
City, State, Zip: Hobbs, NM. 88240				Email:															
Phone:				Miscellaneous: Project# 1-119															
Email: Tom@pimaoil.com																			
Sample Information						Analysis and Method								EPA Program					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filtered	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TEEC 1005 - TX	RCRA 8 Metals	B6DOC - NM	B6DOC - TX	SDWA	CWA	RCRA	
10:22	5/1/2025	S		6-surface		11								X					
10:28	5/1/2025	S		6-1'		12								X					
Additional Instructions: Billing- 21030907																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																			
Sampled by: _____																			
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.  <b>Lab Use Only</b> Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N							
Andrew Franco		5/1/25				Karim Adame		5/2/25											
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Karim Adame		5/2/25				Michelle Gonzales		5-2-25		1410									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Michelle Gonzales		5-2-25		1745		Relinquished by: (Signature)		5-2-25		1745									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
C.M.		5-2-25		2345		Caita Ma		5-5-25		745									
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____																			
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																			
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			



## Envirotech Analytical Laboratory

Printed: 5/5/2025 12:08:52PM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	05/05/25 07:45	Work Order ID:	E505043
Phone:	(575) 631-6977	Date Logged In:	05/05/25 12:03	Logged In By:	Noe Soto
Email:	tom@pimaoil.com	Due Date:	05/09/25 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/Resolution

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

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? Yes

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

13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.



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

QUESTIONS

Action 460870

**QUESTIONS**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 460870
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

Prerequisites	
Incident ID (n#)	nAPP2213647597
Incident Name	NAPP2213647597 FLOW LINE SUPPLYING REMUDA BASIN SWD @ 0
Incident Type	Produced Water Release
Incident Status	Reclamation Report Received

**Location of Release Source**

Please answer all the questions in this group.

Site Name	FLOW LINE SUPPLYING REMUDA BASIN SWD
Date Release Discovered	05/13/2022
Surface Owner	Federal

**Incident Details**

Please answer all the questions in this group.

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

**Nature and Volume of Release**

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure   Pipeline (Any)   Produced Water   Released: 5 BBL   Recovered: 0 BBL   Lost: 5 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	The 4" ploy inlet line to the Remuda Basin SWD was struck by an unknown object cutting a gash into the line. Fluids were not in a lined/unlined containment. Fluids were not on pad. Fluids were offsite. Valves on both side of the breach were turned off thus isolating the line and stopping the leak.



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QUESTIONS, Page 2

Action 460870

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 460870
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	More info needed to determine if this will be treated as a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

**Initial Response**

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

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

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

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

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 07/15/2024
----------------------------------------------------	--------------------------------------------------------------------------------------------------



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QUESTIONS, Page 3

Action 460870

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 460870
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS****Site Characterization**

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 26 and 50 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	High
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

**Remediation Plan**

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

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

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

Chloride (EPA 300.0 or SM4500 Cl B)	301
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	62.1
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

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

On what estimated date will the remediation commence	04/27/2023
On what date will (or did) the final sampling or liner inspection occur	06/28/2024
On what date will (or was) the remediation complete(d)	04/27/2023
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	8375
What is the estimated volume (in cubic yards) that will be remediated	1166

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

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



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QUESTIONS, Page 4

Action 460870

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 460870
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

<b>Remediation Plan (continued)</b>	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
<b>This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:</b>	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for <b>off-site</b> disposal	R360 ARTESIA LLC LANDFARM [FEEM0112340644]
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	No
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 07/15/2024
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	



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QUESTIONS, Page 5

Action 460870

QUESTIONS (continued)

Operator:  DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:  6137
	Action Number:  460870
	Action Type:  [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

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



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QUESTIONS, Page 6

Action 460870

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 460870
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

Sampling Event Information	
Last sampling notification (C-141N) recorded	357511
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/28/2024
What was the (estimated) number of samples that were to be gathered	24
What was the sampling surface area in square feet	5455

**Remediation Closure Request**

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

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	8375
What was the total volume (cubic yards) remediated	1166
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	8375
What was the total volume (in cubic yards) reclaimed	1166
Summarize any additional remediation activities not included by answers (above)	see report

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

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

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dvn.com Date: 07/15/2024
----------------------------------------------------	--------------------------------------------------------------------------------------------------



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QUESTIONS, Page 7

Action 460870

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 460870
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

<b>Reclamation Report</b>	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	8375
What was the total volume of replacement material (in cubic yards) for this site	931
<i>Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.</i>	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseeded commence(d)	01/21/2045
Summarize any additional reclamation activities not included by answers (above)	Remediated to 19.15.29.13 criteria, backfill is clean material
<i>The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseeded plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dmv.com Date: 05/12/2025



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

General Information  
Phone: (505) 629-6116

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

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

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QUESTIONS (continued)

Operator:  DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:  6137
	Action Number:  460870
	Action Type:  [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

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



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CONDITIONS

Action 460870

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 460870
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	5/27/2025