



# SITE ASSESSMENT, REMEDIATION, AND CLOSURE REPORT

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PREPARED FOR:  
DEVON ENERGY PRODUCTION, LP.

PREPARED BY:  
PIMA ENVIRONMENTAL SERVICES, LLC.

June 23, 2025  
PIMA ENVIRONMENTAL SERVICES, LLC.  
5614 N LOVINGTON HWY, HOBBS, NM 88240



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

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

**RE: SITE ASSESSMENT, REMEDIATION, AND CLOSURE REPORT**

**LOCATION:** Marwari 28 CTB 1

**FACILITY ID:** fAPP2130555386

**GPS:** 32.105871, -103.68769

**INCIDENT LOCATION:** UL- D Section 28, T25S, R32E

**COUNTY:** Lea

**NMOCD REF. NO.** NAPP2509723423

Pima Environmental Services, LLC (Pima) has been contracted by Devon Energy Production Company, LP (Devon) to prepare this Site Assessment, Remediation, and Closure Report for a produced water release that occurred at the Marwari 28 CTB #1 (Marwari) site. This incident has been assigned Incident ID: NAPP2509723423 by the New Mexico Oil Conservation Division (NMOCD).

**RELEASE INFORMATION**

**NAPP2509723423:** On April 6, 2025, corrosion on a fitting caused produced water to be released onto the ground. There was a pin hole in the bottom of a 6-inch water line from the 3-phases. The released fluids were calculated to be approximately 10 barrels (bbls) of produced water. A vacuum truck was able to recover 9 bbls of standing fluid.

**SITE CHARACTERIZATION**

The Marwari is located approximately twenty-three (23) miles southeast of Malaga, NM. This spill site is in Unit D, Section 28, Township 25S, Range 32E, Latitude 32.105871 Longitude -103.68769, Lea County, NM. Figure 1 references a Location Map.

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



Based on the well water data from the New Mexico Office of the State Engineer water well (C-04879-POD 1), the depth to the nearest groundwater in this vicinity measures 52 feet below grade surface (BGS), positioned 0.05 of a mile away from the Marwari, drilled, October 7, 2024. Conversely, as per the United States Geological Survey well water data (USGS320643103465002), the nearest groundwater depth in this region is recorded at 318 feet BGS, situated approximately 5.57 miles away from the Marwari, with the last gauge conducted in 1959. The nearest water feature is the Red Bluff Reservoir, located approximately 17.69 miles to the southwest of this site. For detailed references to water surveys and the precise locations of water wells, please refer to Appendix A, inclusive of the relevant maps.

Based on the groundwater data referenced above, incident NAPP2509723423 is required to meet the 51'-100' closure criteria, as outlined in NMAC Closure Criteria 19.15.29.

## **SITE ASSESSMENT, REMEDIATION ACTIVITIES, AND SOIL SAMPLING RESULTS**

On April 10, 2025, Pima mobilized personnel to the site to begin collecting soil samples from the spill area in effort to delineate. Four (4) bottom samples were collected from depth intervals of Surface, 1', 2', 3', and 4' below ground surface (BGS) from sample points labeled S-1 through S-4. Six (6) sidewall samples were collected from depth intervals of surface, 1', 2', 3', and 4' below ground surface (BGS) and labeled SW-1 through SW-6. One (1) sample point was collected from the pasture at a depth of 1' below ground surface (BGS) to serve as a background sample. All samples were put on ice, prepared for delivery, then delivered to Envirotech Analytical Laboratories in Farmington, New Mexico for official analysis of all constituents listed in Table 1 19.15.29.12 NMAC. The laboratory results of this sampling event can be seen in the Data Tables in Figure 4. A Site Map can be found in Figure 5. Complete Laboratory Report is referenced in Appendix E.

On May 22, 2025, the Devon Construction Department mobilized personnel and equipment to begin remediation activities. Based on the initial sampling results and available groundwater information, remediation of the impacted areas is not required beyond addressing to two feet (2'). Areas S-1 through S-4 were excavated to a depth of two feet (2') below ground surface to remediate surface. The total square footage excavated was 354 square feet totaling approximately 27 cubic yards. An Excavation Map can be found in Figure 6 for reference. The material was sufficiently removed then transported to OWL Landfill, an NMOCD approved disposal site. See Appendix D for Photographic Documentation.

On May 30, 2025, after sending a 48-hour notification, application ID: 467966 (Appendix C), Pima returned to the site to collect confirmation samples of the area. A total of four (4) bottom composite samples were collected from the base of the excavation labeled CS1 through CS4 at a depth of two feet (2'). A Total of five (5) sidewall samples were collected and labeled CSW1 through CSW5. The collected samples not exceeding a 200 square foot area from the base and walls of the excavated areas. A total of nine (9) samples were collected for laboratory analysis for total chloride using EPA Method 200.0; benzene, toluene, ethylbenzene, and total xylenes (BTEX) using EPA method 8021B; motor, diesel, and gasoline range organics (MRO, DRO, & GRO) by EPA Method 8015D. All samples were placed into laboratory supplied glassware, labeled, and maintained on ice until delivery to Envirotech Analytical Laboratories, in Farmington, New Mexico. The results of this sampling event can be found in Figure 4. A Confirmation Sample Map can be found in Figure 7. Complete Laboratory Report is referenced in Appendix E.

On June 4, 2025, Pima personnel additionally collected samples of the backfill soil, to ensure that the backfill soil was free from any contaminants. The results of this analysis can be found in Figure 4.

Based on the confirmation sample results, all bottom and sidewall confirmation samples are in compliance with NMOCD Closure Criteria 19.15.29 NMAC. Therefore, no further remediation is necessary.



## CLOSURE REQUEST

After careful review, on behalf of Devon, Pima requests that this incident, NAPP2509723423, be closed.

Devon has complied with the applicable closure requirements set forth in 19.15.29.12 NMAC and requests that this remediation closure report for incident ID NAPP2509723423 be approved. Devon understands that the reclamation of this pad area (once it is no longer needed for production or subsequent drilling operations) will require an approved reclamation plan report addressing a minimum of four feet of non-waste containing earthen material. Followed by a revegetation plan report once the site has reached the required vegetative status.

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.ralej@devon.com](mailto:jim.ralej@devon.com).

Pima Environmental – Gio Gomez at 806-782-1151 or [gio@pimaoil.com](mailto:gio@pimaoil.com).

Respectfully,



Gio Gomez

Project Manager

Pima Environmental Services, LLC



Pima Environmental Services, LLC  
5614 N Lovington Hwy, Hobbs, NM 88240  
575-964-7740 | [www.pimaoil.com](http://www.pimaoil.com)

Marwari 28 CTB 1 | NAPP2509723423

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# ATTACHMENTS

## FIGURES:

- 1- Location Map
- 2- Topographic Map
- 3- Karst Map
- 4- Data Tables
- 5- Site Map
- 6- Excavation Map
- 7- Confirmation Sample Map

## APPENDICES:

- Appendix A – Water Surveys, FEMA, and Wetlands Map
- Appendix B – Soil Survey, Geological Data
- Appendix C – 48-Hour Sampling Notification
- Appendix D – Photographic Documentation
- Appendix E – Laboratory Reports





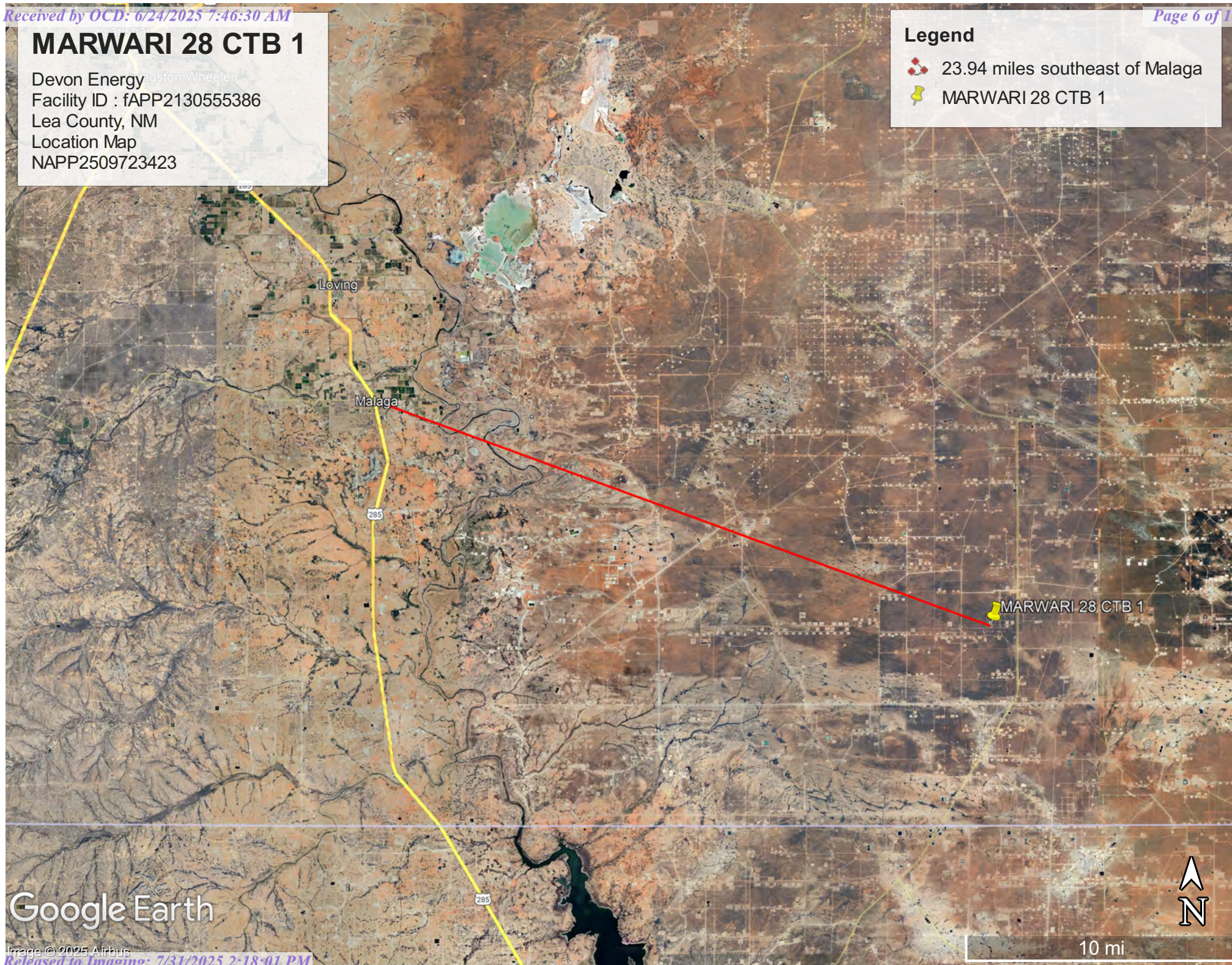


# MARWARI 28 CTB 1

Devon Energy  
Facility ID : fAPP2130555386  
Lea County, NM  
Location Map  
NAPP2509723423

## Legend

-  23.94 miles southeast of Malaga
-  MARWARI 28 CTB 1



Google Earth

Image © 2025 Airbus

10 mi



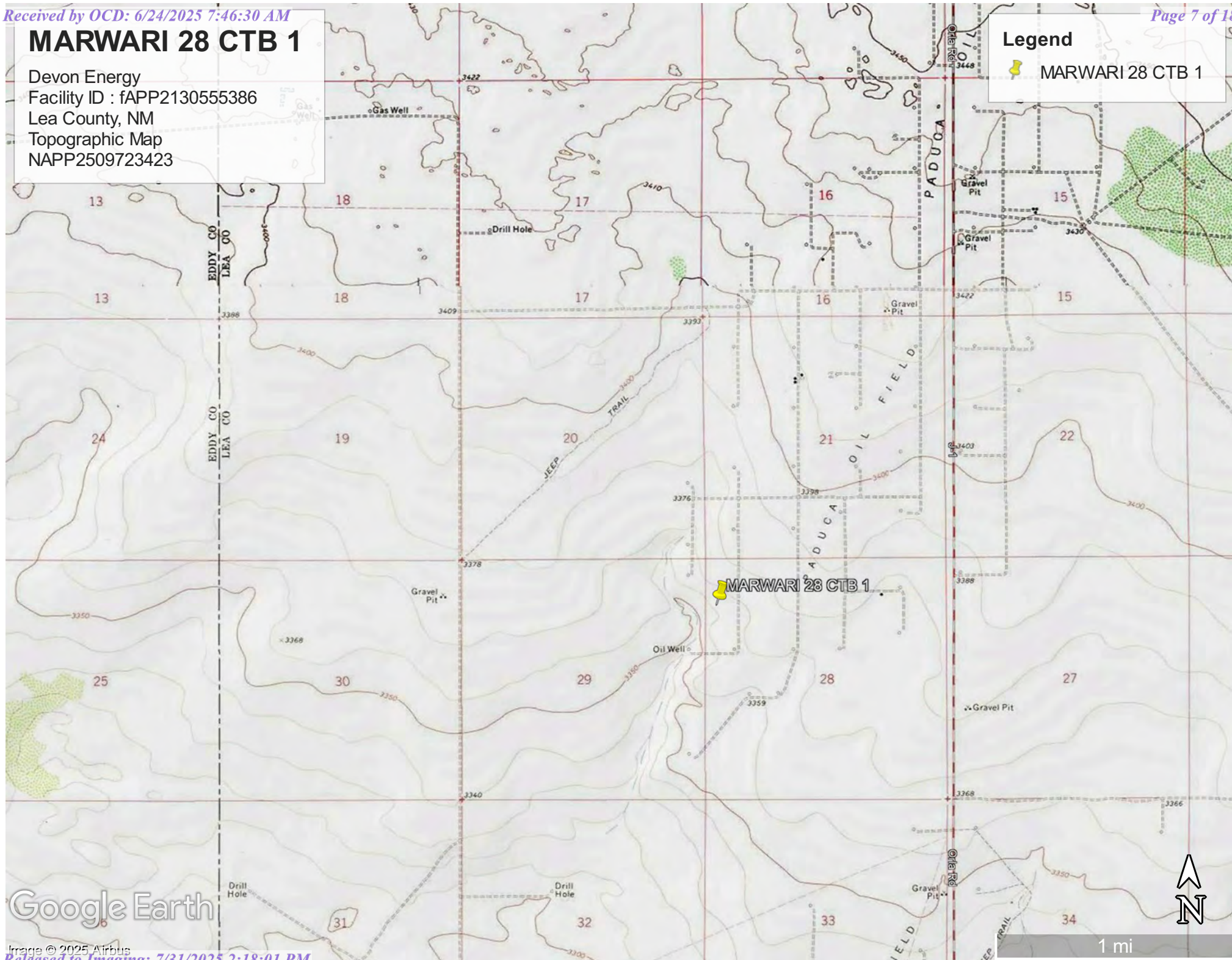
# MARWARI 28 CTB 1

Devon Energy  
Facility ID : fAPP2130555386  
Lea County, NM  
Topographic Map  
NAPP2509723423

## Legend



MARWARI 28 CTB 1







Google Earth

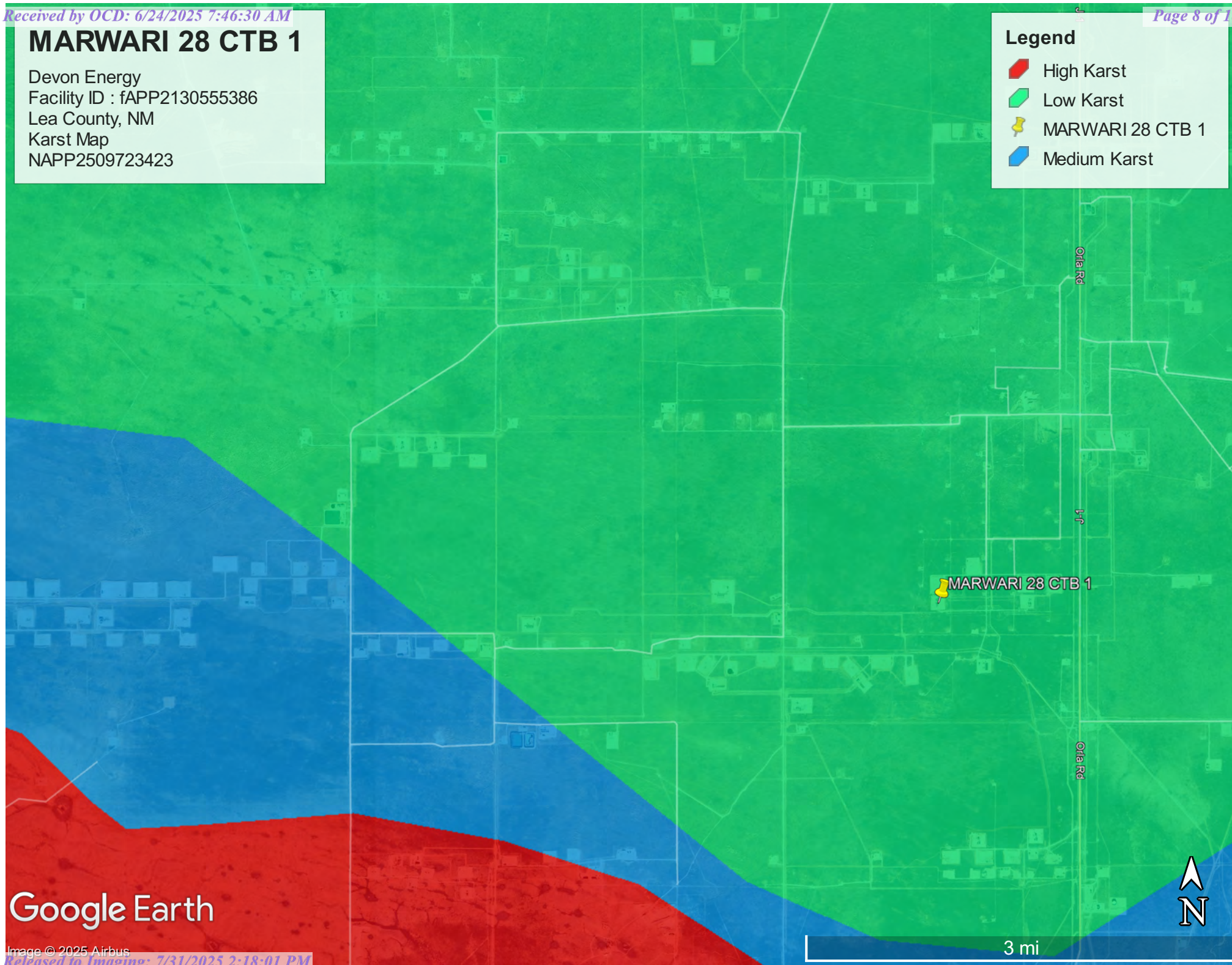


# MARWARI 28 CTB 1

Devon Energy  
Facility ID : fAPP2130555386  
Lea County, NM  
Karst Map  
NAPP2509723423

## Legend

-  High Karst
-  Low Karst
-  MARWARI 28 CTB 1
-  Medium Karst



Google Earth

Image © 2025 Airbus

# INITIAL ASSESSMENT DATA TABLES



Pima Environmental Services, LLC  
5614 N Lovington Hwy, Hobbs, NM 88240  
575-964-7740 | [www.pimaoil.com](http://www.pimaoil.com)

DEVON ENERGY PRODUCTION, LP.



NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100 ')								
DEVON ENERGY Marwari 28 CTB 1-NAPP2509723423								
Date: 4-10-25		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	CI mg/kg
S1	Surface	ND	ND	ND	ND	ND	0	10200
	1'	ND	ND	ND	ND	ND	0	10200
	2'	ND	ND	ND	ND	ND	0	9220
	3'	ND	ND	ND	ND	ND	0	655
	4'	ND	ND	ND	ND	ND	0	128
	5'	ND	ND	ND	ND	ND	0	ND
S2	Surface	ND	ND	ND	ND	ND	0	10000
	1'	ND	ND	ND	ND	ND	0	5100
	2'	ND	ND	ND	ND	ND	0	10400
	3'	ND	ND	ND	ND	ND	0	917
	4'	ND	ND	ND	ND	ND	0	136
	5'	ND	ND	ND	ND	ND	0	ND
S3	Surface	ND	ND	ND	ND	ND	0	13100
	1'	ND	ND	ND	ND	ND	0	11300
	2'	ND	ND	ND	ND	ND	0	7060
	3'	ND	ND	ND	ND	ND	0	567
	4'	ND	ND	ND	ND	ND	0	133
	5'	ND	ND	ND	ND	ND	0	ND
S4	Surface	ND	ND	ND	ND	ND	0	8720
	1'	ND	ND	ND	ND	ND	0	10100
	2'	ND	ND	ND	ND	ND	0	6390
	3'	ND	ND	ND	ND	ND	0	728
	4'	ND	ND	ND	ND	ND	0	141
	5'	ND	ND	ND	ND	ND	0	ND
SW1	Surface	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
SW2	Surface	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
SW3	Surface	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100 ')								
DEVON ENERGY Marwari 28 CTB 1-NAPP2509723423								
Date: 4-10-25		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
SW4	Surface	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
SW5	Surface	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
SW6	Surface	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
BG1	1'	ND	ND	ND	ND	ND	0	ND

# CONFIRMATION SAMPLE DATA TABLES



Pima Environmental Services, LLC  
5614 N Lovington Hwy, Hobbs, NM 88240  
575-964-7740 | [www.pimaoil.com](http://www.pimaoil.com)

DEVON ENERGY PRODUCTION, LP.

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
DEVON ENERGY Marwari 28 CTB								
Date: 5-30-25		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
CS1	2' Comp	ND	ND	ND	ND	ND	ND	477
CS2	2' Comp	ND	ND	ND	ND	ND	ND	4200
CS3	2' Comp	ND	ND	ND	ND	ND	ND	1780
CS4	2' Comp	ND	ND	ND	ND	ND	ND	3280
CSW1	Surface-2' Comp	ND	ND	ND	ND	ND	ND	23.4
CSW2	Surface-2' Comp	ND	ND	ND	ND	ND	ND	ND
CSW3	Surface-2' Comp	ND	ND	ND	ND	ND	ND	ND
CSW4	Surface-2' Comp	ND	ND	ND	ND	ND	ND	ND
CSW5	Surface-2' Comp	ND	ND	ND	ND	ND	ND	ND

# BACKFILL SAMPLING ANALYSIS DATA TABLES



Pima Environmental Services, LLC  
5614 N Lovington Hwy, Hobbs, NM 88240  
575-964-7740 | [www.pimaoil.com](http://www.pimaoil.com)

DEVON ENERGY PRODUCTION, LP.







NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
DEVON ENERGY Marwari 28 CTB 1								
Date: 6-4-25		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	CI mg/kg
Backfill 1	1'	ND	ND	ND	ND	ND	ND	ND
Backfill 2	1'	ND	ND	ND	ND	ND	ND	ND

# Marwari 28 CTB 1

Devon Energy  
Facility ID : fAPP2130555386  
Lea County, NM  
Site Map  
NAPP2509723423

## Legend

-  Marwari 28 CTB 1
-  Sample Spill Area 354 Sqft
-  Samples
-  Sidewalls/Background

BG1

SW2  
S3  
S2  
S1  
SW1  
SW5  
SW6  
SW3  
SW4  
S4

Marwari 28 CTB 1






Google Earth




## Marwari 28 CTB 1

Devon Energy  
Facility ID : fAPP2130555386  
Lea County, NM  
Excavation Map  
NAPP2509723423

### Legend

-  Circle Measure
-  Excavation Map
-  Marwari 28 CTB 1



 Marwari 28 CTB 1

Google Earth



40 ft

# Marwari 28 CTB 1

Devon Energy  
Facility ID : fAPP2130555386  
Lea County, NM  
Confirmation Sample Map  
NAPP2509723423

## Legend

- Confirmation Samples
- Confirmation Sidewalls
- Marwari 28 CTB 1



Google Earth



60 ft



# APPENDIX A

OSE Water Survey  
USGS Water Survey  
Surface Water Map  
FEMA  
Wetlands Map



Pima Environmental Services, LLC  
5614 N Lovington Hwy, Hobbs, NM 88240  
575-964-7740 | [www.pimaoil.com](http://www.pimaoil.com)


DEVON ENERGY PRODUCTION, LP.



# Point of Diversion Summary

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

NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tw	Rng	X	Y	Map
NA	C 04879 POD1	SW	NW	NW	28	25S	32E	623889.6	3552875.3	

\* UTM location was derived from PLSS - see Help

Driller License:	1862	Driller Company:	H&R ENTERPRISES, LLC
Driller Name:	HAWLEY, JAMES CODYELALL OFF		
Drill Start Date:	2024-10-07	Drill Finish Date:	2024-10-07
Log File Date:	2024-10-15	PCW Rcv Date:	
Pump Type:		Pipe Discharge Size:	
Casing Size:		Depth Well:	55
		Depth Water:	

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.



# MARWARI 28 CTB 1

Devon Energy  
Facility ID : fAPP2130555386  
Lea County, NM  
OSE Pod Map  
NAPP2509723423

## Legend

- 0.05 miles
- C 04879 POD1
- MARWARI 28 CTB 1

MARWARI 28 CTB 1

C 04879 POD1

Google Earth

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1000 ft





[USGS Home](#)  
[Contact USGS](#)  
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## 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.

Groundwater levels for the Nation



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

### Search Results -- 1 sites found

site\_no list =

- 320643103465002

Minimum number of levels = 1

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

### USGS 320643103465002 25S.31E.21.413314A

Available data for this site

Groundwater: Field measurements

GO

Eddy County, New Mexico

Hydrologic Unit Code 13070001

Latitude 32°06'46.0", Longitude 103°46'56.3" NAD83

Land-surface elevation 3,374.00 feet above NGVD29

The depth of the well is 400 feet below land surface.

This well is completed in the Pecos River Basin alluvial aquifer (N100PCSRVR) national aquifer.

This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

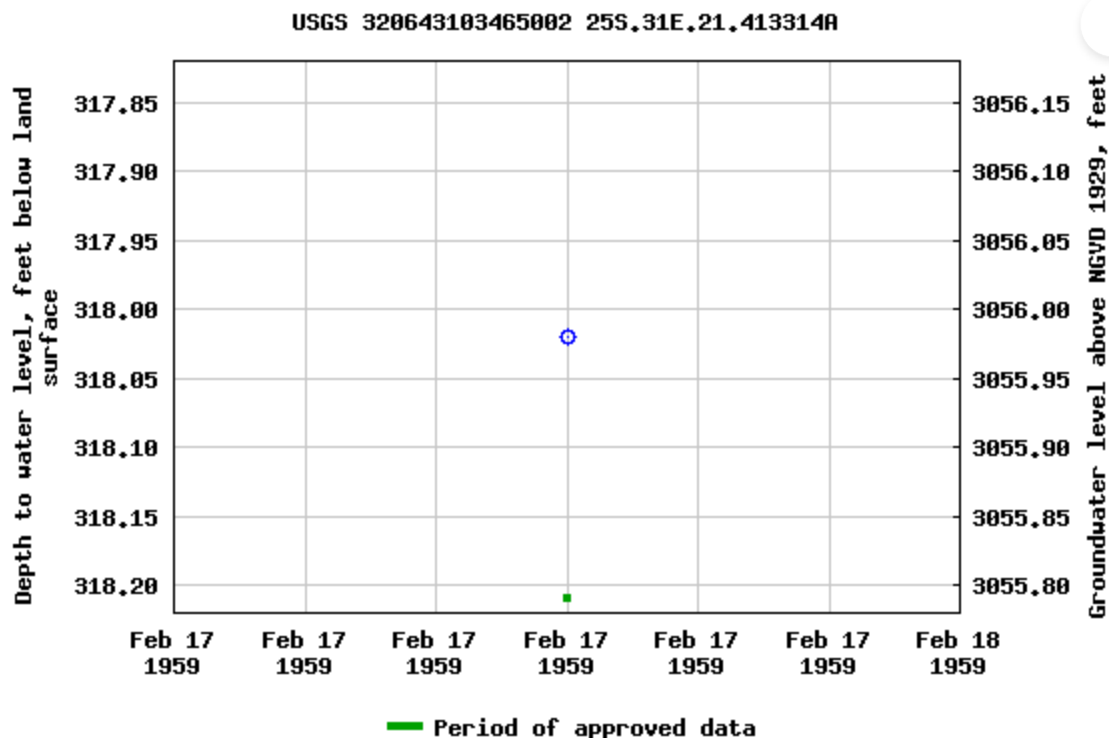
#### Output formats

[Table of data](#)

[Tab-separated data](#)

[Graph of data](#)

[Reselect period](#)



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

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

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



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

Page Last Modified: 2025-04-09 10:30:05 EDT




0.61 0.44 nadww01

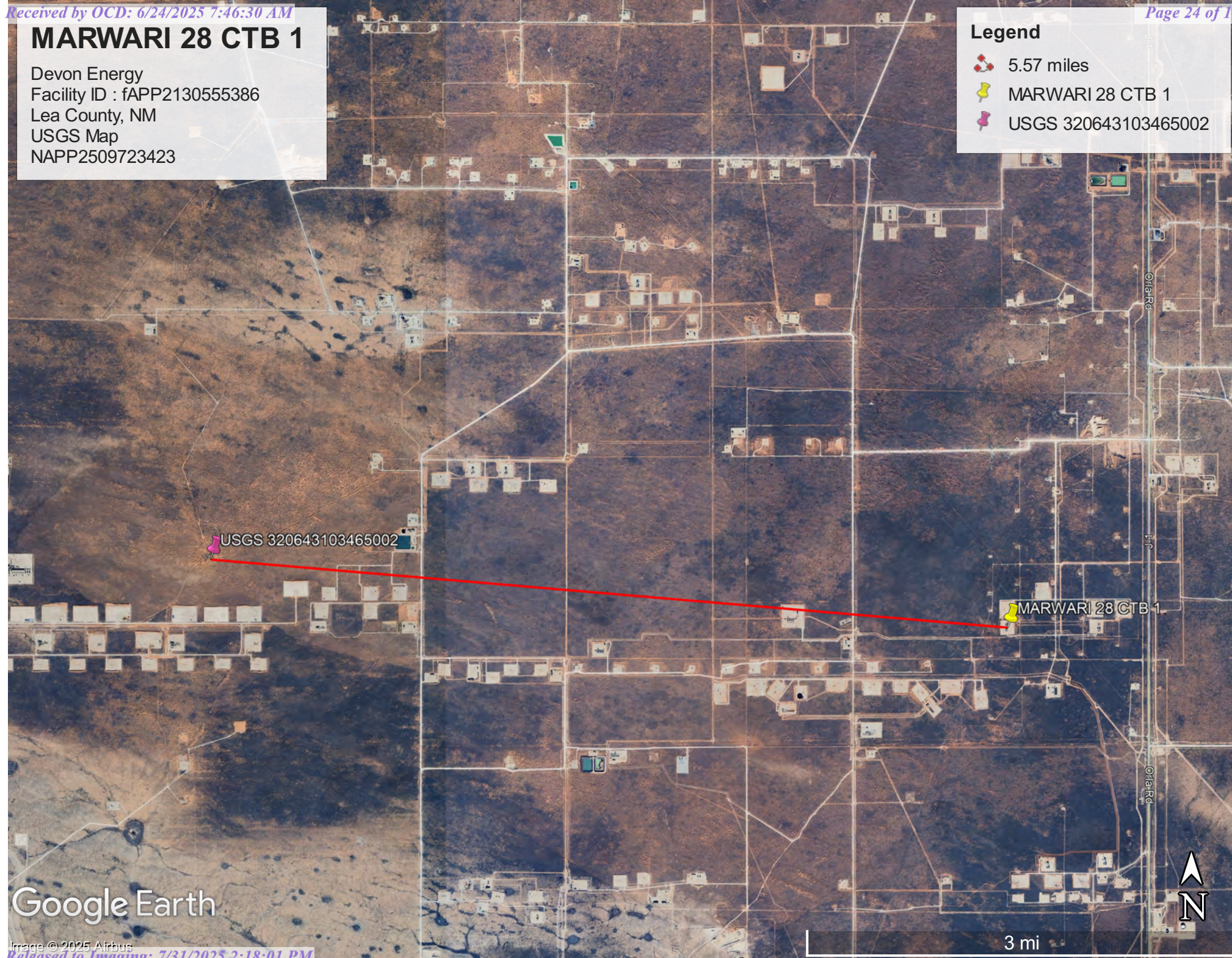


# MARWARI 28 CTB 1

Devon Energy  
Facility ID : fAPP2130555386  
Lea County, NM  
USGS Map  
NAPP2509723423

## Legend

-  5.57 miles
-  MARWARI 28 CTB 1
-  USGS 320643103465002



Google Earth




Image © 2025 Airbus

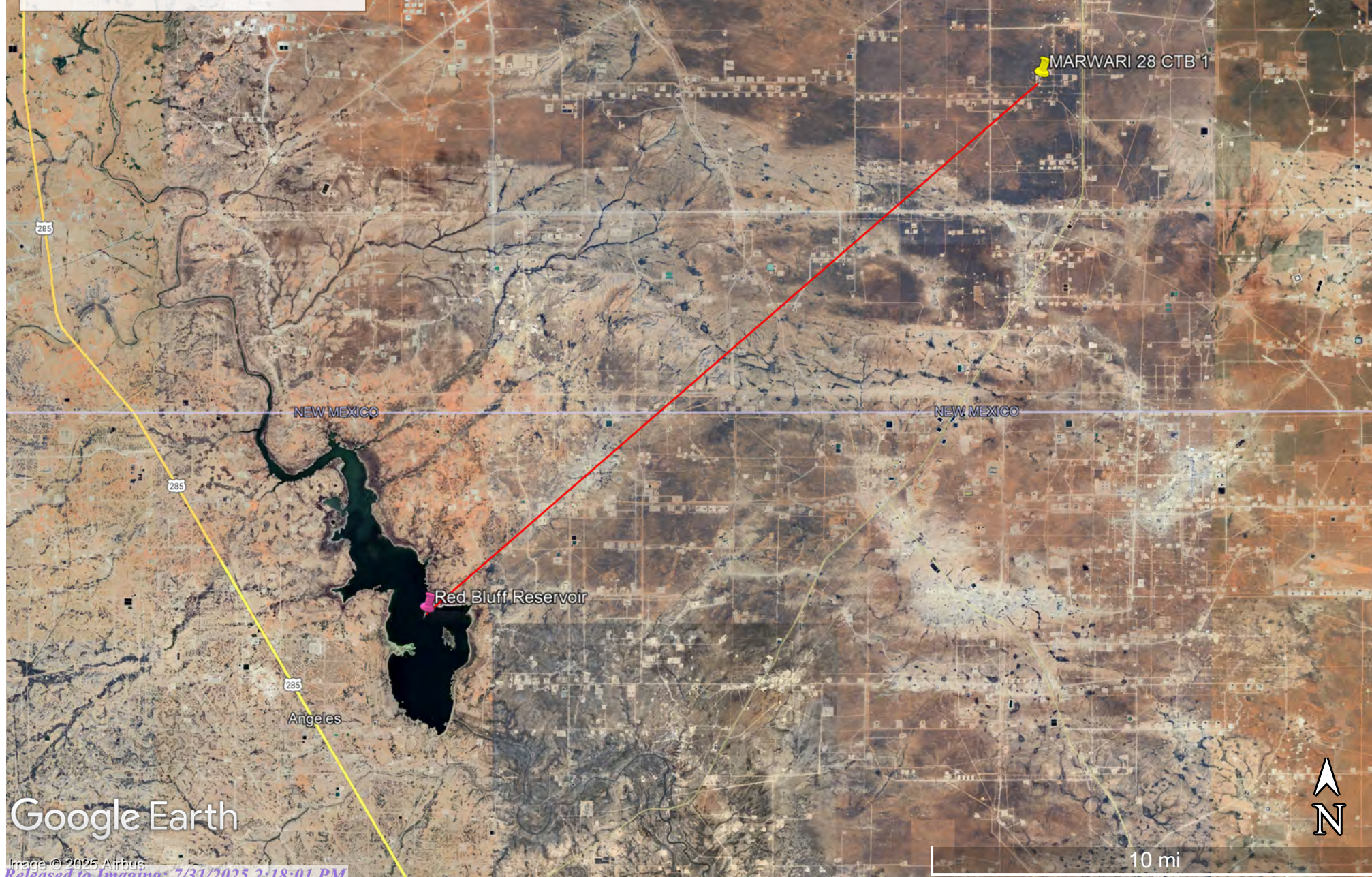


# MARWARI 28 CTB 1

Devon Energy  
Facility ID : fAPP2130555386  
Lea County, NM  
Surface Water Map  
NAPP2509723423

## Legend

-  18.03 miles
-  MARWARI 28 CTB 1
-  Red Bluff Reservoir



Google Earth

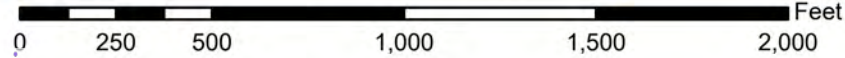
Image © 2025 Airbus



# National Flood Hazard Layer FIRMMette



3°41'34"W 32°6'36"N



1:6,000

103°40'57"W 32°6'6"N

Basemap Imagery Source: USGS National Map 2023

### 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 X
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard Zone D
		Channel, Culvert, or Storm Sewer
OTHER FEATURES		Levee, Dike, or Floodwall
		20.2 Cross Sections with 1% Annual Chance
		17.5 Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped

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 **4/10/2025 at 3:03 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.

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Received by OCD: 6/24/2025 7:46:30 AM

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Wetlands Map



April 9, 2025

Wetlands

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

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

# APPENDIX B

Soil Survey & Geological Data

Geologic Unit Map



Pima Environmental Services, LLC  
5614 N Lovington Hwy, Hobbs, NM 88240  
575-964-7740 | [www.pimaoil.com](http://www.pimaoil.com)

DEVON ENERGY PRODUCTION, LP.

Map Unit Description: Pyote loamy fine sand---Lea County, New Mexico

---

## Lea County, New Mexico

### PT—Pyote loamy fine sand

#### Map Unit Setting

*National map unit symbol:* dmqp

*Elevation:* 3,000 to 3,900 feet

*Mean annual precipitation:* 10 to 12 inches

*Mean annual air temperature:* 60 to 62 degrees F

*Frost-free period:* 190 to 200 days

*Farmland classification:* Farmland of statewide importance

#### Map Unit Composition

*Pyote and similar soils:* 85 percent

*Minor components:* 15 percent

*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Pyote

##### Setting

*Landform:* Plains

*Landform position (three-dimensional):* Rise

*Down-slope shape:* Linear

*Across-slope shape:* Linear

*Parent material:* Sandy eolian deposits derived from sedimentary rock

##### Typical profile

*A - 0 to 25 inches:* loamy fine sand

*Bt - 25 to 60 inches:* fine sandy loam

##### Properties and qualities

*Slope:* 0 to 3 percent

*Depth to restrictive feature:* More than 80 inches

*Drainage class:* Well drained

*Runoff class:* Negligible

*Capacity of the most limiting layer to transmit water (Ksat):* High  
(2.00 to 6.00 in/hr)

*Depth to water table:* More than 80 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Calcium carbonate, maximum content:* 5 percent

*Gypsum, maximum content:* 1 percent

*Maximum salinity:* Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

*Sodium adsorption ratio, maximum:* 2.0

*Available water supply, 0 to 60 inches:* Low (about 5.3 inches)

##### Interpretive groups

*Land capability classification (irrigated):* 6e

*Land capability classification (nonirrigated):* 7s

Map Unit Description: Pyote loamy fine sand---Lea County, New Mexico

---

*Hydrologic Soil Group:* A  
*Ecological site:* R070BD003NM - Loamy Sand  
*Hydric soil rating:* No

#### **Minor Components**

##### **Maljamar**

*Percent of map unit:* 8 percent  
*Ecological site:* R070BD003NM - Loamy Sand  
*Hydric soil rating:* No

##### **Palomas**

*Percent of map unit:* 7 percent  
*Ecological site:* R070BD003NM - Loamy Sand  
*Hydric soil rating:* No

## **Data Source Information**

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

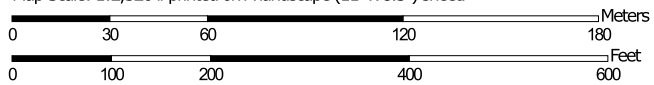


Soil Map—Lea County, New Mexico



Soil Map may not be valid at this scale.

Map Scale: 1:2,320 if printed on A landscape (11" x 8.5") sheet.



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




Natural Resources  
Conservation Service

Web Soil Survey  
National Cooperative Soil Survey

4/9/2025  
Page 1 of 3

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

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

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

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

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

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

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

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

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

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

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

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



Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
PT	Pyote loamy fine sand	23.8	100.0%
Totals for Area of Interest		23.8	100.0%

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

Mineral Resources (<https://www.usgs.gov/energy-and-minerals/mineral-resources-program>)

/ Online Spatial Data (/) / Geology (/geology/) / by state (/geology/state/)

/ New Mexico (/geology/state/state.php?state=NM)

## Eolian and piedmont deposits

XML (/geology/state/xml/NMQep;0)

JSON (/geology/state/json/NMQep;0)

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

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

**State** New Mexico (/geology/state/state.php?state=NM)

**Name** Eolian and piedmont deposits

**Geologic age** Holocene to middle Pleistocene

**Lithologic constituents** Major

Unconsolidated

(Eolian)

Interlayered eolian sands and piedmont-slope deposits

### References

New Mexico Bureau of Geology and Mineral Resources, 2003, Geologic Map of New Mexico, scale 1:500,000 (includes some new polygons, faults, and attributes not in NM001 - heads up digitizing by JHorton).

**NGMDB product** NGMDB product page for 22974  
([https://ngmdb.usgs.gov/Prodesc/proddesc\\_22974.htm](https://ngmdb.usgs.gov/Prodesc/proddesc_22974.htm))

**Counties** Chaves (/geology/state/fips-unit.php?code=f35005) - DeBaca (/geology/state/fips-unit.php?code=f35011) - Eddy (/geology/state/fips-unit.php?code=f35015) - Lea (/geology/state/fips-unit.php?code=f35025) - Roosevelt (/geology/state/fips-unit.php?code=f35041)

DOI Privacy Policy (<https://www.doi.gov/privacy>) | Legal ([https://www.usgs.gov/laws/policies\\_notices.html](https://www.usgs.gov/laws/policies_notices.html)) |

Accessibility (<https://www2.usgs.gov/laws/accessibility.html>) | Site Map (<https://www.usgs.gov/sitemap.html>) |

Contact USGS (<https://answers.usgs.gov/>)

U.S. Department of the Interior (<https://www.doi.gov/>) | DOI Inspector General (<https://www.doiog.gov/>) |

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

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






# MARWARI 28 CTB 1

Devon Energy  
Facility ID : fAPP2130555386  
Lea County, NM  
Geological Map  
NAPP2509723423

MARWARI 28 CTB 1

## Legend

-  Eolian and piedmont deposits
-  MARWARI 28 CTB 1
-  Older alluvial deposits of upland plains, piedmont areas, calcic soils, eolian cover sediments of High Plains region

Google Earth



# APPENDIX C

## 48-Hour Sampling Notification



Pima Environmental Services, LLC  
5614 N Lovington Hwy, Hobbs, NM 88240  
575-964-7740 | [www.pimaoil.com](http://www.pimaoil.com)

DEVON ENERGY PRODUCTION, LP.



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

General Information  
Phone: (505) 629-6116

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

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

QUESTIONS

Action 467966

**QUESTIONS**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 467966
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

**QUESTIONS**

Prerequisites	
Incident ID (n#)	nAPP2509723423
Incident Name	NAPP2509723423 MARWARI 28 CTB 1 @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2130555386] MARWARI 28 CTB 1

Location of Release Source	
Site Name	MARWARI 28 CTB 1
Date Release Discovered	04/06/2025
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	354
What is the estimated number of samples that will be gathered	9
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/30/2025
Time sampling will commence	10:00 AM
Please provide any information necessary for observers to contact samplers	Sampler - Andrew Franco (806) 200-0054
Please provide any information necessary for navigation to sampling site	32.105871, -103.68769

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

General Information  
Phone: (505) 629-6116

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

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

CONDITIONS

Action 467966

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 467966
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jralej	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.	5/28/2025

# APPENDIX D

## Photographic Documentation



Pima Environmental Services, LLC  
5614 N Lovington Hwy, Hobbs, NM 88240  
575-964-7740 | [www.pimaoil.com](http://www.pimaoil.com)

DEVON ENERGY PRODUCTION, LP.



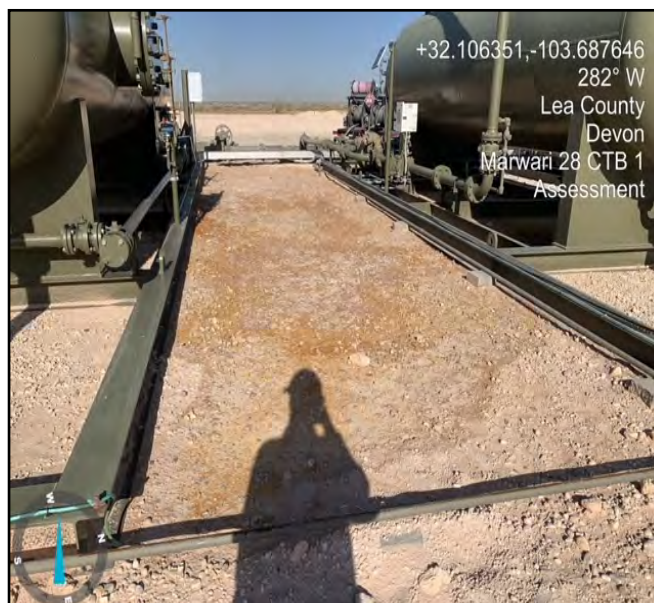
## PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Marwari 28 CTB 1

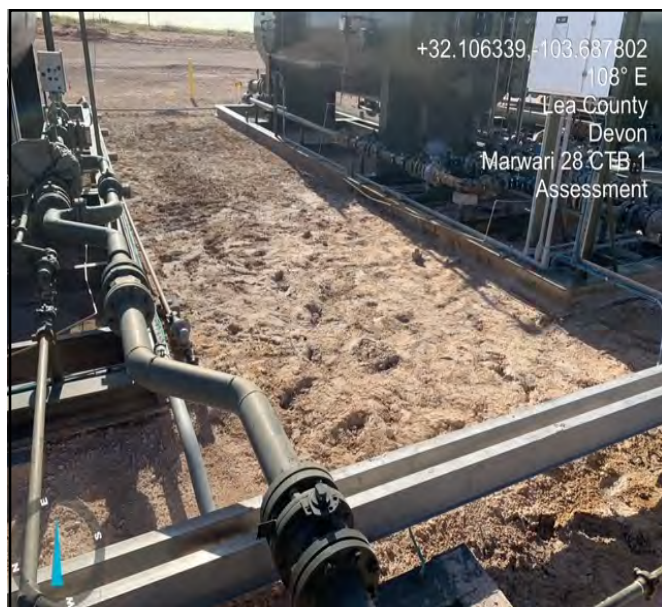
### Assessment :



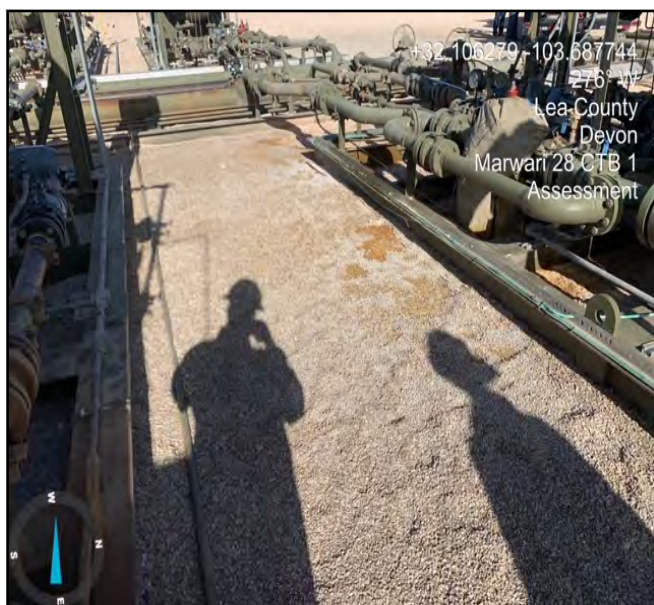
Site information sign.



Photograph of site tech assessing the area facing west.



Photograph of site tech assessing the area facing east.



Photograph of site tech assessing the area facing west.





Photograph of site tech assessing the area facing south.



Photograph of site tech assessing the area facing north.



Photograph of site tech assessing the area.



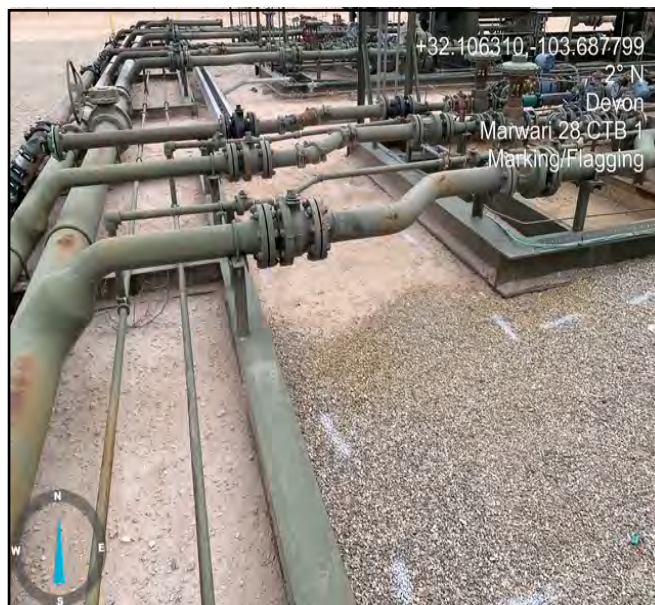
## PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Marwari 28 CTB 1

### Pre- Excavation :



Photograph taken before excavation facing west.



Photograph taken before excavation facing north.



Photograph taken before excavation facing southeast.



Photograph taken before excavation facing west.



## PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Marwari 28 CTB 1

### Excavation :



Photo taken during excavation process facing north.



Photo taken during excavation process facing east.



Photo taken during excavation process facing southwest.



Photo taken during excavation process facing west.





Photo taken during excavation process.



Photo taken during excavation process.



## PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Marwari 28 CTB 1

### Confirmation Samples :



Photograph take during confirmation sampling, facing northwest.



Photograph take during confirmation sampling, facing east.



Photograph take during confirmation sampling, facing southeast.



Photograph take during confirmation sampling, facing southeast.





Photograph of site tech assessing the area facing east.



Photograph of site tech assessing the area facing northeast.



## PHOTOGRAPHIC DOCUMENTATION

**SITE NAME: Marwari 28 CTB 1**

**Backfill :**



Photo taken of backfill soil, facing south.





## PHOTOGRAPHIC DOCUMENTATION

**SITE NAME: Marwari 28 CTB 1**

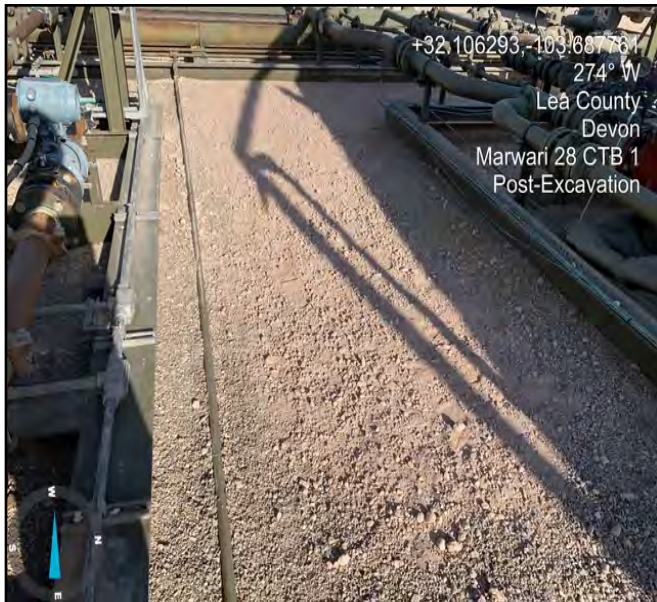
### Post Excavation :



Photograph taken post excavation , facing **east**.



Photograph taken post excavation , facing **northeast**.

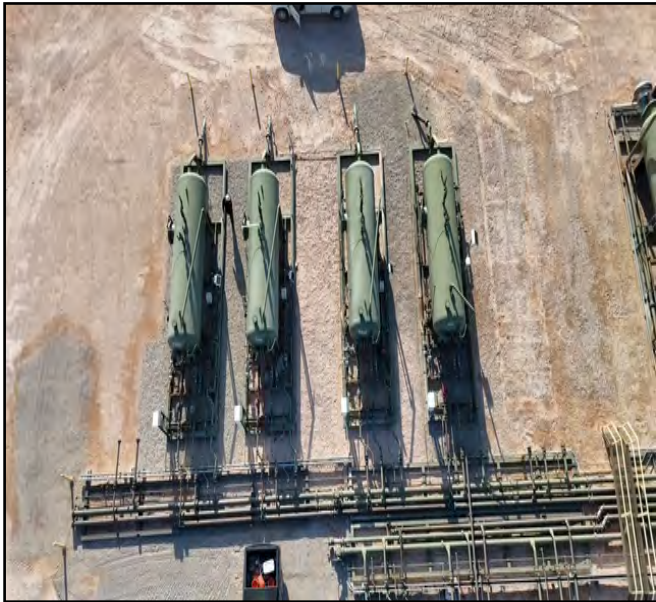


Photograph taken post excavation , facing **west**.

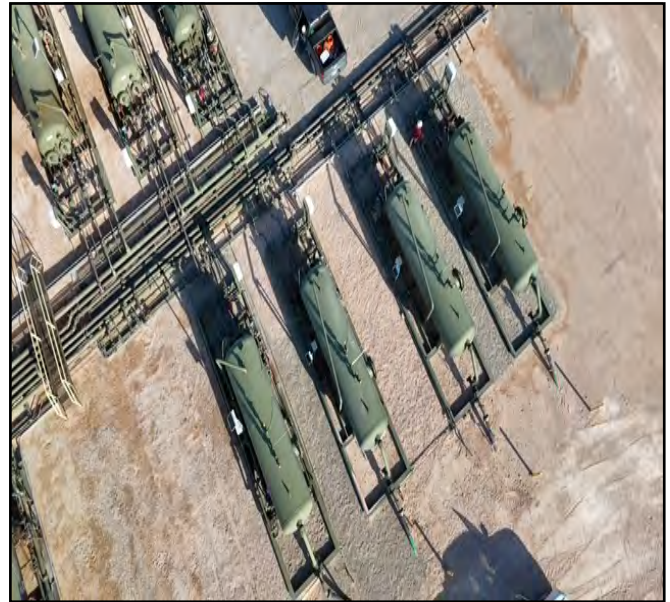


Photograph taken post excavation , facing **west**.





Aerial photo taken post excavation.



Aerial photo taken post excavation.

# APPENDIX E

## Laboratory Reports



Pima Environmental Services, LLC  
5614 N Lovington Hwy, Hobbs, NM 88240  
575-964-7740 | [www.pimaoil.com](http://www.pimaoil.com)

DEVON ENERGY PRODUCTION, LP.



Report to:  
Gio Gomez



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Marwari 28 CTB 1

Work Order: E504100

Job Number: 01058-0007

Received: 4/14/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
4/18/25

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: 4/18/25

Gio Gomez  
PO Box 247  
Plains, TX 79355-0247



Project Name: Marwari 28 CTB 1  
Workorder: E504100  
Date Received: 4/14/2025 7:45:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/14/2025 7:45:00AM, under the Project Name: Marwari 28 CTB 1.

The analytical test results summarized in this report with the Project Name: Marwari 28 CTB 1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues 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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Laboratory Technical Representative  
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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:	Marwari 28 CTB 1	<b>Reported:</b> 04/18/25 13:56
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1-SURFACE	E504100-01A	Soil	04/10/25	04/14/25	Glass Jar, 2 oz.
S1-1'	E504100-02A	Soil	04/10/25	04/14/25	Glass Jar, 2 oz.
S1-2'	E504100-03A	Soil	04/10/25	04/14/25	Glass Jar, 2 oz.
S1-3'	E504100-04A	Soil	04/10/25	04/14/25	Glass Jar, 2 oz.
S1-4'	E504100-05A	Soil	04/10/25	04/14/25	Glass Jar, 2 oz.
S1-5'	E504100-06A	Soil	04/10/25	04/14/25	Glass Jar, 2 oz.
S2-SURFACE	E504100-07A	Soil	04/10/25	04/14/25	Glass Jar, 2 oz.
S2-1'	E504100-08A	Soil	04/10/25	04/14/25	Glass Jar, 2 oz.
S2-2'	E504100-09A	Soil	04/10/25	04/14/25	Glass Jar, 2 oz.
S2-3'	E504100-10A	Soil	04/10/25	04/14/25	Glass Jar, 2 oz.
S2-4'	E504100-11A	Soil	04/10/25	04/14/25	Glass Jar, 2 oz.
S2-5'	E504100-12A	Soil	04/10/25	04/14/25	Glass Jar, 2 oz.
S3-SURFACE	E504100-13A	Soil	04/10/25	04/14/25	Glass Jar, 2 oz.
S3-1'	E504100-14A	Soil	04/10/25	04/14/25	Glass Jar, 2 oz.
S3-2'	E504100-15A	Soil	04/10/25	04/14/25	Glass Jar, 2 oz.
S3-3'	E504100-16A	Soil	04/10/25	04/14/25	Glass Jar, 2 oz.
S3-4'	E504100-17A	Soil	04/10/25	04/14/25	Glass Jar, 2 oz.
S3-5'	E504100-18A	Soil	04/10/25	04/14/25	Glass Jar, 2 oz.
S4-SURFACE	E504100-19A	Soil	04/10/25	04/14/25	Glass Jar, 2 oz.
S4-1'	E504100-20A	Soil	04/10/25	04/14/25	Glass Jar, 2 oz.



## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/18/2025 1:56:13PM

### S1-SURFACE

#### E504100-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2516014	
Benzene	ND	0.0250	1	04/14/25	04/16/25	
Ethylbenzene	ND	0.0250	1	04/14/25	04/16/25	
Toluene	ND	0.0250	1	04/14/25	04/16/25	
o-Xylene	ND	0.0250	1	04/14/25	04/16/25	
p,m-Xylene	ND	0.0500	1	04/14/25	04/16/25	
Total Xylenes	ND	0.0250	1	04/14/25	04/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		119 %	70-130	04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2516014	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/25	04/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		99.6 %	70-130	04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KH		Batch: 2516023	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/14/25	04/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/14/25	04/16/25	
<i>Surrogate: n-Nonane</i>						
		97.5 %	61-141	04/14/25	04/16/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: JM		Batch: 2516021	
Chloride	10200	200	10	04/14/25	04/15/25	





## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/18/2025 1:56:13PM

S1-1'

E504100-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2516014	
Benzene	ND	0.0250	1	04/14/25	04/16/25	
Ethylbenzene	ND	0.0250	1	04/14/25	04/16/25	
Toluene	ND	0.0250	1	04/14/25	04/16/25	
o-Xylene	ND	0.0250	1	04/14/25	04/16/25	
p,m-Xylene	ND	0.0500	1	04/14/25	04/16/25	
Total Xylenes	ND	0.0250	1	04/14/25	04/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		118 %	70-130	04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2516014	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/25	04/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		99.9 %	70-130	04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2516023	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/14/25	04/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/14/25	04/16/25	
<i>Surrogate: n-Nonane</i>						
		97.5 %	61-141	04/14/25	04/16/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2516021	
Chloride	10200	200	10	04/14/25	04/15/25	



## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/18/2025 1:56:13PM

S1-2'

E504100-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2516014	
Benzene	ND	0.0250	1	04/14/25	04/16/25	
Ethylbenzene	ND	0.0250	1	04/14/25	04/16/25	
Toluene	ND	0.0250	1	04/14/25	04/16/25	
o-Xylene	ND	0.0250	1	04/14/25	04/16/25	
p,m-Xylene	ND	0.0500	1	04/14/25	04/16/25	
Total Xylenes	ND	0.0250	1	04/14/25	04/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	119 %	70-130		04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2516014	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/25	04/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	99.9 %	70-130		04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2516023	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/14/25	04/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/14/25	04/16/25	
<i>Surrogate: n-Nonane</i>						
	108 %	61-141		04/14/25	04/16/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2516021	
Chloride	9220	200	10	04/14/25	04/15/25	



## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/18/2025 1:56:13PM

S1-3'

E504100-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2516014	
Benzene	ND	0.0250	1	04/14/25	04/16/25	
Ethylbenzene	ND	0.0250	1	04/14/25	04/16/25	
Toluene	ND	0.0250	1	04/14/25	04/16/25	
o-Xylene	ND	0.0250	1	04/14/25	04/16/25	
p,m-Xylene	ND	0.0500	1	04/14/25	04/16/25	
Total Xylenes	ND	0.0250	1	04/14/25	04/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		119 %	70-130	04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2516014	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/25	04/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		99.5 %	70-130	04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2516023	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/14/25	04/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/14/25	04/16/25	
<i>Surrogate: n-Nonane</i>						
		101 %	61-141	04/14/25	04/16/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2516021	
Chloride	655	20.0	1	04/14/25	04/15/25	





## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/18/2025 1:56:13PM

S1-4'

E504100-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2516014	
Benzene	ND	0.0250	1	04/14/25	04/16/25	
Ethylbenzene	ND	0.0250	1	04/14/25	04/16/25	
Toluene	ND	0.0250	1	04/14/25	04/16/25	
o-Xylene	ND	0.0250	1	04/14/25	04/16/25	
p,m-Xylene	ND	0.0500	1	04/14/25	04/16/25	
Total Xylenes	ND	0.0250	1	04/14/25	04/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		118 %	70-130	04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2516014	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/25	04/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		99.9 %	70-130	04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2516023	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/14/25	04/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/14/25	04/16/25	
<i>Surrogate: n-Nonane</i>						
		99.4 %	61-141	04/14/25	04/16/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2516021	
Chloride	128	20.0	1	04/14/25	04/15/25	



## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/18/2025 1:56:13PM

S1-5'

E504100-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2516014	
Benzene	ND	0.0250	1	04/14/25	04/16/25	
Ethylbenzene	ND	0.0250	1	04/14/25	04/16/25	
Toluene	ND	0.0250	1	04/14/25	04/16/25	
o-Xylene	ND	0.0250	1	04/14/25	04/16/25	
p,m-Xylene	ND	0.0500	1	04/14/25	04/16/25	
Total Xylenes	ND	0.0250	1	04/14/25	04/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		108 %	70-130	04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2516014	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/25	04/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		102 %	70-130	04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2516023	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/14/25	04/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/14/25	04/16/25	
<i>Surrogate: n-Nonane</i>						
		99.7 %	61-141	04/14/25	04/16/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2516021	
Chloride	ND	20.0	1	04/14/25	04/15/25	



## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/18/2025 1:56:13PM

## S2-SURFACE

## E504100-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2516014	
Benzene	ND	0.0250	1	04/14/25	04/16/25	
Ethylbenzene	ND	0.0250	1	04/14/25	04/16/25	
Toluene	ND	0.0250	1	04/14/25	04/16/25	
o-Xylene	ND	0.0250	1	04/14/25	04/16/25	
p,m-Xylene	ND	0.0500	1	04/14/25	04/16/25	
Total Xylenes	ND	0.0250	1	04/14/25	04/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		112 %	70-130	04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2516014	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/25	04/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		101 %	70-130	04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2516023	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/14/25	04/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/14/25	04/16/25	
<i>Surrogate: n-Nonane</i>						
		103 %	61-141	04/14/25	04/16/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2516021	
Chloride	10000	200	10	04/14/25	04/15/25	





## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/18/2025 1:56:13PM

S2-1'

E504100-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2516014	
Benzene	ND	0.0250	1	04/14/25	04/16/25	
Ethylbenzene	ND	0.0250	1	04/14/25	04/16/25	
Toluene	ND	0.0250	1	04/14/25	04/16/25	
o-Xylene	ND	0.0250	1	04/14/25	04/16/25	
p,m-Xylene	ND	0.0500	1	04/14/25	04/16/25	
Total Xylenes	ND	0.0250	1	04/14/25	04/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		116 %	70-130	04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2516014	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/25	04/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		102 %	70-130	04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2516023	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/14/25	04/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/14/25	04/16/25	
<i>Surrogate: n-Nonane</i>						
		95.7 %	61-141	04/14/25	04/16/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2516021	
Chloride	5100	40.0	2	04/14/25	04/15/25	



## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/18/2025 1:56:13PM

S2-2'

E504100-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2516014	
Benzene	ND	0.0250	1	04/14/25	04/16/25	
Ethylbenzene	ND	0.0250	1	04/14/25	04/16/25	
Toluene	ND	0.0250	1	04/14/25	04/16/25	
o-Xylene	ND	0.0250	1	04/14/25	04/16/25	
p,m-Xylene	ND	0.0500	1	04/14/25	04/16/25	
Total Xylenes	ND	0.0250	1	04/14/25	04/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		117 %	70-130	04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2516014	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/25	04/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		102 %	70-130	04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2516023	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/14/25	04/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/14/25	04/16/25	
<i>Surrogate: n-Nonane</i>						
		101 %	61-141	04/14/25	04/16/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2516021	
Chloride	10400	200	10	04/14/25	04/15/25	



## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/18/2025 1:56:13PM

S2-3'

E504100-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2516014	
Benzene	ND	0.0250	1	04/14/25	04/16/25	
Ethylbenzene	ND	0.0250	1	04/14/25	04/16/25	
Toluene	ND	0.0250	1	04/14/25	04/16/25	
o-Xylene	ND	0.0250	1	04/14/25	04/16/25	
p,m-Xylene	ND	0.0500	1	04/14/25	04/16/25	
Total Xylenes	ND	0.0250	1	04/14/25	04/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		119 %	70-130	04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2516014	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/25	04/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		102 %	70-130	04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2516023	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/14/25	04/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/14/25	04/16/25	
<i>Surrogate: n-Nonane</i>						
		96.7 %	61-141	04/14/25	04/16/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2516021	
Chloride	917	20.0	1	04/14/25	04/15/25	





## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/18/2025 1:56:13PM

S2-4'

E504100-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2516014	
Benzene	ND	0.0250	1	04/14/25	04/16/25	
Ethylbenzene	ND	0.0250	1	04/14/25	04/16/25	
Toluene	ND	0.0250	1	04/14/25	04/16/25	
o-Xylene	ND	0.0250	1	04/14/25	04/16/25	
p,m-Xylene	ND	0.0500	1	04/14/25	04/16/25	
Total Xylenes	ND	0.0250	1	04/14/25	04/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		114 %	70-130	04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2516014	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/25	04/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.1 %	70-130	04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2516023	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/14/25	04/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/14/25	04/16/25	
<i>Surrogate: n-Nonane</i>						
		99.5 %	61-141	04/14/25	04/16/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2516021	
Chloride	136	20.0	1	04/14/25	04/15/25	



## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/18/2025 1:56:13PM

S2-5'

E504100-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2516014
Benzene	ND	0.0250	1	04/14/25	04/16/25	
Ethylbenzene	ND	0.0250	1	04/14/25	04/16/25	
Toluene	ND	0.0250	1	04/14/25	04/16/25	
o-Xylene	ND	0.0250	1	04/14/25	04/16/25	
p,m-Xylene	ND	0.0500	1	04/14/25	04/16/25	
Total Xylenes	ND	0.0250	1	04/14/25	04/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		120 %	70-130	04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2516014
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/25	04/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		102 %	70-130	04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2516023
Diesel Range Organics (C10-C28)	ND	25.0	1	04/14/25	04/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/14/25	04/16/25	
<i>Surrogate: n-Nonane</i>						
		98.5 %	61-141	04/14/25	04/16/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2516021
Chloride	ND	20.0	1	04/14/25	04/15/25	



## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/18/2025 1:56:13PM

## S3-SURFACE

## E504100-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2516014	
Benzene	ND	0.0250	1	04/14/25	04/16/25	
Ethylbenzene	ND	0.0250	1	04/14/25	04/16/25	
Toluene	ND	0.0250	1	04/14/25	04/16/25	
o-Xylene	ND	0.0250	1	04/14/25	04/16/25	
p,m-Xylene	ND	0.0500	1	04/14/25	04/16/25	
Total Xylenes	ND	0.0250	1	04/14/25	04/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		120 %	70-130	04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2516014	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/25	04/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		103 %	70-130	04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2516023	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/14/25	04/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/14/25	04/16/25	
<i>Surrogate: n-Nonane</i>						
		98.9 %	61-141	04/14/25	04/16/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2516021	
Chloride	13100	200	10	04/14/25	04/15/25	





## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/18/2025 1:56:13PM

S3-1'

E504100-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2516014
Benzene	ND	0.0250	1	04/14/25	04/16/25	
Ethylbenzene	ND	0.0250	1	04/14/25	04/16/25	
Toluene	ND	0.0250	1	04/14/25	04/16/25	
o-Xylene	ND	0.0250	1	04/14/25	04/16/25	
p,m-Xylene	ND	0.0500	1	04/14/25	04/16/25	
Total Xylenes	ND	0.0250	1	04/14/25	04/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		122 %	70-130	04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2516014
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/25	04/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		100 %	70-130	04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2516023
Diesel Range Organics (C10-C28)	ND	25.0	1	04/14/25	04/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/14/25	04/16/25	
<i>Surrogate: n-Nonane</i>						
		100 %	61-141	04/14/25	04/16/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2516021
Chloride	11300	200	10	04/14/25	04/15/25	



## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/18/2025 1:56:13PM

S3-2'

E504100-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2516014	
Benzene	ND	0.0250	1	04/14/25	04/16/25	
Ethylbenzene	ND	0.0250	1	04/14/25	04/16/25	
Toluene	ND	0.0250	1	04/14/25	04/16/25	
o-Xylene	ND	0.0250	1	04/14/25	04/16/25	
p,m-Xylene	ND	0.0500	1	04/14/25	04/16/25	
Total Xylenes	ND	0.0250	1	04/14/25	04/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	122 %	70-130		04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2516014	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/25	04/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	103 %	70-130		04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2516023	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/14/25	04/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/14/25	04/16/25	
<i>Surrogate: n-Nonane</i>						
	103 %	61-141		04/14/25	04/16/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2516021	
Chloride	7060	100	5	04/14/25	04/15/25	



## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/18/2025 1:56:13PM

S3-3'

E504100-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2516014	
Benzene	ND	0.0250	1	04/14/25	04/16/25	
Ethylbenzene	ND	0.0250	1	04/14/25	04/16/25	
Toluene	ND	0.0250	1	04/14/25	04/16/25	
o-Xylene	ND	0.0250	1	04/14/25	04/16/25	
p,m-Xylene	ND	0.0500	1	04/14/25	04/16/25	
Total Xylenes	ND	0.0250	1	04/14/25	04/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		123 %	70-130	04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2516014	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/25	04/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		104 %	70-130	04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2516023	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/14/25	04/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/14/25	04/16/25	
<i>Surrogate: n-Nonane</i>						
		98.1 %	61-141	04/14/25	04/16/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2516021	
Chloride	567	20.0	1	04/14/25	04/15/25	





## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/18/2025 1:56:13PM

S3-4'

E504100-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2516014	
Benzene	ND	0.0250	1	04/14/25	04/16/25	
Ethylbenzene	ND	0.0250	1	04/14/25	04/16/25	
Toluene	ND	0.0250	1	04/14/25	04/16/25	
o-Xylene	ND	0.0250	1	04/14/25	04/16/25	
p,m-Xylene	ND	0.0500	1	04/14/25	04/16/25	
Total Xylenes	ND	0.0250	1	04/14/25	04/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		124 %	70-130	04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2516014	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/25	04/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		104 %	70-130	04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2516023	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/14/25	04/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/14/25	04/16/25	
<i>Surrogate: n-Nonane</i>						
		95.8 %	61-141	04/14/25	04/16/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2516021	
Chloride	133	20.0	1	04/14/25	04/15/25	



## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/18/2025 1:56:13PM

S3-5'

E504100-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2516014	
Benzene	ND	0.0250	1	04/14/25	04/16/25	
Ethylbenzene	ND	0.0250	1	04/14/25	04/16/25	
Toluene	ND	0.0250	1	04/14/25	04/16/25	
o-Xylene	ND	0.0250	1	04/14/25	04/16/25	
p,m-Xylene	ND	0.0500	1	04/14/25	04/16/25	
Total Xylenes	ND	0.0250	1	04/14/25	04/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		116 %	70-130	04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2516014	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/25	04/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		102 %	70-130	04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2516023	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/14/25	04/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/14/25	04/17/25	
<i>Surrogate: n-Nonane</i>						
		99.0 %	61-141	04/14/25	04/17/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2516021	
Chloride	ND	20.0	1	04/14/25	04/15/25	



## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/18/2025 1:56:13PM

## S4-SURFACE

## E504100-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2516014	
Benzene	ND	0.0250	1	04/14/25	04/16/25	
Ethylbenzene	ND	0.0250	1	04/14/25	04/16/25	
Toluene	ND	0.0250	1	04/14/25	04/16/25	
o-Xylene	ND	0.0250	1	04/14/25	04/16/25	
p,m-Xylene	ND	0.0500	1	04/14/25	04/16/25	
Total Xylenes	ND	0.0250	1	04/14/25	04/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		115 %	70-130	04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2516014	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/25	04/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		103 %	70-130	04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2516023	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/14/25	04/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/14/25	04/17/25	
<i>Surrogate: n-Nonane</i>						
		96.1 %	61-141	04/14/25	04/17/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2516021	
Chloride	8720	100	5	04/14/25	04/15/25	





## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/18/2025 1:56:13PM

S4-1'

E504100-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2516014
Benzene	ND	0.0250	1	04/14/25	04/16/25	
Ethylbenzene	ND	0.0250	1	04/14/25	04/16/25	
Toluene	ND	0.0250	1	04/14/25	04/16/25	
o-Xylene	ND	0.0250	1	04/14/25	04/16/25	
p,m-Xylene	ND	0.0500	1	04/14/25	04/16/25	
Total Xylenes	ND	0.0250	1	04/14/25	04/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		115 %	70-130	04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2516014
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/25	04/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		104 %	70-130	04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2516023
Diesel Range Organics (C10-C28)	ND	25.0	1	04/14/25	04/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/14/25	04/17/25	
<i>Surrogate: n-Nonane</i>						
		102 %	61-141	04/14/25	04/17/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2516021
Chloride	10100	200	10	04/14/25	04/15/25	



## QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Marwari 28 CTB 1	<b>Reported:</b>  4/18/2025 1:56:13PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

## 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 (2516014-BLK1)

Prepared: 04/14/25 Analyzed: 04/16/25

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	9.06		8.00		113	70-130			

## LCS (2516014-BS1)

Prepared: 04/14/25 Analyzed: 04/16/25

Benzene	4.65	0.0250	5.00		93.1	70-130			
Ethylbenzene	4.63	0.0250	5.00		92.6	70-130			
Toluene	4.68	0.0250	5.00		93.6	70-130			
o-Xylene	4.57	0.0250	5.00		91.5	70-130			
p,m-Xylene	9.32	0.0500	10.0		93.2	70-130			
Total Xylenes	13.9	0.0250	15.0		92.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	9.14		8.00		114	70-130			

## Matrix Spike (2516014-MS1)

Source: E504100-11

Prepared: 04/14/25 Analyzed: 04/16/25

Benzene	4.55	0.0250	5.00	ND	91.1	70-130			
Ethylbenzene	4.53	0.0250	5.00	ND	90.6	70-130			
Toluene	4.57	0.0250	5.00	ND	91.4	70-130			
o-Xylene	4.47	0.0250	5.00	ND	89.3	70-130			
p,m-Xylene	9.12	0.0500	10.0	ND	91.2	70-130			
Total Xylenes	13.6	0.0250	15.0	ND	90.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	9.11		8.00		114	70-130			

## Matrix Spike Dup (2516014-MSD1)

Source: E504100-11

Prepared: 04/14/25 Analyzed: 04/16/25

Benzene	4.32	0.0250	5.00	ND	86.5	70-130	5.17	27	
Ethylbenzene	4.31	0.0250	5.00	ND	86.2	70-130	4.87	26	
Toluene	4.34	0.0250	5.00	ND	86.8	70-130	5.18	20	
o-Xylene	4.25	0.0250	5.00	ND	85.1	70-130	4.88	25	
p,m-Xylene	8.69	0.0500	10.0	ND	86.9	70-130	4.73	23	
Total Xylenes	12.9	0.0250	15.0	ND	86.3	70-130	4.78	26	
Surrogate: 4-Bromochlorobenzene-PID	9.22		8.00		115	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Marwari 28 CTB 1	Reported:  4/18/2025 1:56:13PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

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 (2516014-BLK1) Prepared: 04/14/25 Analyzed: 04/16/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.84		8.00		98.0	70-130			

LCS (2516014-BS2) Prepared: 04/14/25 Analyzed: 04/16/25

Gasoline Range Organics (C6-C10)	41.5	20.0	50.0		83.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.96		8.00		99.6	70-130			

Matrix Spike (2516014-MS2) Source: E504100-11 Prepared: 04/14/25 Analyzed: 04/16/25

Gasoline Range Organics (C6-C10)	40.8	20.0	50.0	ND	81.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.09		8.00		101	70-130			

Matrix Spike Dup (2516014-MSD2) Source: E504100-11 Prepared: 04/14/25 Analyzed: 04/16/25

Gasoline Range Organics (C6-C10)	42.2	20.0	50.0	ND	84.5	70-130	3.37	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.05		8.00		101	70-130			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Marwari 28 CTB 1	Reported:  4/18/2025 1:56:13PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

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 (2516023-BLK1)					Prepared: 04/14/25 Analyzed: 04/16/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.7		50.0		99.4	61-141			

LCS (2516023-BS1)					Prepared: 04/14/25 Analyzed: 04/16/25				
Diesel Range Organics (C10-C28)	237	25.0	250		94.9	66-144			
Surrogate: n-Nonane	47.8		50.0		95.6	61-141			

Matrix Spike (2516023-MS1)					Source: E504100-12		Prepared: 04/14/25 Analyzed: 04/16/25		
Diesel Range Organics (C10-C28)	254	25.0	250	ND	101	56-156			
Surrogate: n-Nonane	49.5		50.0		99.0	61-141			

Matrix Spike Dup (2516023-MSD1)					Source: E504100-12		Prepared: 04/14/25 Analyzed: 04/16/25		
Diesel Range Organics (C10-C28)	263	25.0	250	ND	105	56-156	3.52	20	
Surrogate: n-Nonane	49.8		50.0		99.6	61-141			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Marwari 28 CTB 1	Reported:  4/18/2025 1:56:13PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Anions by EPA 300.0/9056A

Analyst: JM

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 (2516021-BLK1)					Prepared: 04/14/25 Analyzed: 04/15/25				
Chloride	ND	20.0							
LCS (2516021-BS1)					Prepared: 04/14/25 Analyzed: 04/15/25				
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2516021-MS1)					Source: E504100-10		Prepared: 04/14/25 Analyzed: 04/15/25		
Chloride	955	20.0	250	917	15.2	80-120			M2
Matrix Spike Dup (2516021-MSD1)					Source: E504100-10		Prepared: 04/14/25 Analyzed: 04/15/25		
Chloride	797	20.0	250	917	NR	80-120	18.0	20	M2

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



Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Marwari 28 CTB 1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	04/18/25 13:56

- M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

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

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





## Chain of Custody

Page 1 of 6

Client Information				Invoice Information		Lab Use Only		TAT		State									
Client: Pima Environmental Services, LLC				Company: DEVON		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX				
Project Name: Marwari 28 CTB 1				Address:		E504100	00581007				X	X							
Project Manager: Gio Gomez				City, State, Zip:															
Address: 5614 N Lovington Hwy				Phone:															
City, State, Zip: Hobbs, NM 88240				Email:															
Phone: 806-782-1151				Project No. # 139-3															
Email: gio@pimaoil.com																			
Sample Information						Analysis and Method								EPA Program					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	IGDOC - NM	TCEQ 1005 - TX	PCRA 8 Metals	Cation/Anion Pkg	SDWA	CWA	RCRA	
8:08	4/10/2025	S		S1-SURFACE		1						X							
8:11	4/10/2025	S		S1-1'		2						X							
8:14	4/10/2025	S		S1-2'		3						X							
8:18	4/10/2025	S		S1-3'		4						X							
8:20	4/10/2025	S		S1-4'		5						X							
8:24	4/10/2025	S		S1-5'		6						X							
8:28	4/10/25	S		S2-SURFACE		7						X							
8:32	4/10/2025	S		S2-1'		8						X							
8:39	4/10/2025	S		S2-2'		9						X							
8:43	4/10/2025	S		S2-3'		6						X							
Additional Instructions: Billing- 21161793																			
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: Andrew Franco																			
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 in ice at an avg temp above 0 but less than 6 oC on subsequent days. Lab Use Only Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp oC _____											
Andrew Franco		4/10/25	3:00	Karime Adame		4/11/25	9:00												
Karime Adame		4/11/25	2:00	Michelle Gonzales		4-11-25	1400												
Michelle Gonzales		4-11-25	1545	John H.		4-11-25	1715												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time												
John H.		4-11-25	2400	Brittany Mann		4-11-25	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																			

## Chain of Custody

Client Information					Invoice Information		Lab Use Only		TAT		State							
Client: Pima Environmental Services, LLC					Company: DEVON		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX		
Project Name: Marwari 28 CTB 1					Address:		564100	9058-007				X	X					
Project Manager: Gio Gomez					City, State, Zip:													
Address: 5614 N Lovington Hwy					Phone:													
City, State, Zip: Hobbs, NM 88240					Email:													
Phone: 806-782-1151					Project No. # 139-3													
Email: gio@pimaoil.com																		
Sample Information										Analysis and Method				EPA Program				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TEEQ 1005 - TX	RCRA 8 Metals	Cation/Anion Pkg	SDWA	CWA	RCRA
8:55	4/10/2025	S		S2-4'		11						X						
9:00	4/10/2025	S		S2-5'		12						X						
9:03	4/10/2025	S		S3-SURFACE		13						X						
9:07	4/10/2025	S		S3-1'		14						X						
9:11	4/10/2025	S		S3-2'		15						X						
9:17	4/10/2025	S		S3-3'		16						X						
9:22	4/10/25	S		S3-4'		17						X						
9:28	4/10/2025	S		S3-5'		18						X						
9:30	4/10/2025	S		S4-SURFACE		19						X						
9:35	4/10/2025	S		S4-1'		20						X						
Additional Instructions: Billing- 21161793																		
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: Andrew Franco																		
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 in ice at an avg temp above 0 but less than 6 oC on subsequent days. Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y / N T1 _____ T2 _____ T3 _____ AVG Temp oC <u>4</u>										
Andrew Franco		4/10/25	3:00	Karime Abame		4/11/25	9:00											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time											
Karime Abame		4/11/25	2:00	Michelle Gonzales		4-11-25	1400											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time											
Michelle Gonzales		4-11-25	1545	D. L. H.		4-11-25	1715											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time											
D. L. H.		4-11-25	2400	Caitlin Mann		4-14-25	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																		

## Envirotech Analytical Laboratory

Printed: 4/14/2025 9:14:21AM

## 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:	04/14/25 07:45	Work Order ID:	E504100
Phone:	(575) 631-6977	Date Logged In:	04/11/25 14:50	Logged In By:	Caitlin Mars
Email:	gio@pimaoil.com	Due Date:	04/18/25 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

Project Marwari 28 CTB 1 has been separated into 3 reports due to sample volume WO are E504100 To E504102. No of containers 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? 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:  
Gio Gomez



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Marwari 28 CTB 1

Work Order: E504101

Job Number: 01058-0007

Received: 4/14/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
4/18/25

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: 4/18/25

Gio Gomez  
PO Box 247  
Plains, TX 79355-0247



Project Name: Marwari 28 CTB 1  
Workorder: E504101  
Date Received: 4/14/2025 7:45:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/14/2025 7:45:00AM, under the Project Name: Marwari 28 CTB 1.

The analytical test results summarized in this report with the Project Name: Marwari 28 CTB 1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues 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  
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Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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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:	Marwari 28 CTB 1	<b>Reported:</b> 04/18/25 14:09
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S4-2'	E504101-01A	Soil	04/10/25	04/14/25	Glass Jar, 2 oz.
S4-3'	E504101-02A	Soil	04/10/25	04/14/25	Glass Jar, 2 oz.
S4-4'	E504101-03A	Soil	04/10/25	04/14/25	Glass Jar, 2 oz.
S4-5'	E504101-04A	Soil	04/10/25	04/14/25	Glass Jar, 2 oz.
SW1-SURFACE	E504101-05A	Soil	04/10/25	04/14/25	Glass Jar, 2 oz.
SW1-1'	E504101-06A	Soil	04/10/25	04/14/25	Glass Jar, 2 oz.
SW1-2'	E504101-07A	Soil	04/10/25	04/14/25	Glass Jar, 2 oz.
SW1-3'	E504101-08A	Soil	04/10/25	04/14/25	Glass Jar, 2 oz.
SW1-4'	E504101-09A	Soil	04/10/25	04/14/25	Glass Jar, 2 oz.
SW2-SURFACE	E504101-10A	Soil	04/10/25	04/14/25	Glass Jar, 2 oz.
SW2-1'	E504101-11A	Soil	04/10/25	04/14/25	Glass Jar, 2 oz.
SW2-2'	E504101-12A	Soil	04/10/25	04/14/25	Glass Jar, 2 oz.
SW2-3'	E504101-13A	Soil	04/10/25	04/14/25	Glass Jar, 2 oz.
SW2-4'	E504101-14A	Soil	04/10/25	04/14/25	Glass Jar, 2 oz.
SW3-SURFACE	E504101-15A	Soil	04/10/25	04/14/25	Glass Jar, 2 oz.
SW3-1'	E504101-16A	Soil	04/10/25	04/14/25	Glass Jar, 2 oz.
SW3-2'	E504101-17A	Soil	04/10/25	04/14/25	Glass Jar, 2 oz.
SW3-3'	E504101-18A	Soil	04/10/25	04/14/25	Glass Jar, 2 oz.
SW3-4'	E504101-19A	Soil	04/10/25	04/14/25	Glass Jar, 2 oz.
SW4-SURFACE	E504101-20A	Soil	04/10/25	04/14/25	Glass Jar, 2 oz.



## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/18/2025 2:09:11PM

**S4-2'**

**E504101-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2516015	
Benzene	ND	0.0250	1	04/14/25	04/16/25	
Ethylbenzene	ND	0.0250	1	04/14/25	04/16/25	
Toluene	ND	0.0250	1	04/14/25	04/16/25	
o-Xylene	ND	0.0250	1	04/14/25	04/16/25	
p,m-Xylene	ND	0.0500	1	04/14/25	04/16/25	
Total Xylenes	ND	0.0250	1	04/14/25	04/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.0 %	70-130		04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2516015	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/25	04/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.3 %	70-130		04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2516026	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/14/25	04/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/14/25	04/16/25	
<i>Surrogate: n-Nonane</i>						
	107 %	61-141		04/14/25	04/16/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2516028	
Chloride	6390	40.0	2	04/14/25	04/15/25	



## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/18/2025 2:09:11PM

S4-3'

E504101-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2516015	
Benzene	ND	0.0250	1	04/14/25	04/16/25	
Ethylbenzene	ND	0.0250	1	04/14/25	04/16/25	
Toluene	ND	0.0250	1	04/14/25	04/16/25	
o-Xylene	ND	0.0250	1	04/14/25	04/16/25	
p,m-Xylene	ND	0.0500	1	04/14/25	04/16/25	
Total Xylenes	ND	0.0250	1	04/14/25	04/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.0 %	70-130		04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2516015	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/25	04/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.9 %	70-130		04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2516026	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/14/25	04/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/14/25	04/16/25	
<i>Surrogate: n-Nonane</i>						
	109 %	61-141		04/14/25	04/16/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2516028	
Chloride	728	20.0	1	04/14/25	04/15/25	





## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/18/2025 2:09:11PM

S4-4'

E504101-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2516015
Benzene	ND	0.0250	1	04/14/25	04/16/25	
Ethylbenzene	ND	0.0250	1	04/14/25	04/16/25	
Toluene	ND	0.0250	1	04/14/25	04/16/25	
o-Xylene	ND	0.0250	1	04/14/25	04/16/25	
p,m-Xylene	ND	0.0500	1	04/14/25	04/16/25	
Total Xylenes	ND	0.0250	1	04/14/25	04/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.5 %	70-130		04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2516015
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/25	04/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.4 %	70-130		04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2516026
Diesel Range Organics (C10-C28)	ND	25.0	1	04/14/25	04/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/14/25	04/16/25	
<i>Surrogate: n-Nonane</i>						
	109 %	61-141		04/14/25	04/16/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2516028
Chloride	141	20.0	1	04/14/25	04/15/25	



## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/18/2025 2:09:11PM

S4-5'

E504101-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2516015
Benzene	ND	0.0250	1	04/14/25	04/16/25	
Ethylbenzene	ND	0.0250	1	04/14/25	04/16/25	
Toluene	ND	0.0250	1	04/14/25	04/16/25	
o-Xylene	ND	0.0250	1	04/14/25	04/16/25	
p,m-Xylene	ND	0.0500	1	04/14/25	04/16/25	
Total Xylenes	ND	0.0250	1	04/14/25	04/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.6 %	70-130		04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2516015
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/25	04/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.5 %	70-130		04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2516026
Diesel Range Organics (C10-C28)	ND	25.0	1	04/14/25	04/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/14/25	04/16/25	
<i>Surrogate: n-Nonane</i>						
	110 %	61-141		04/14/25	04/16/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2516028
Chloride	ND	20.0	1	04/14/25	04/15/25	



## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/18/2025 2:09:11PM

## SW1-SURFACE

## E504101-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2516015	
Benzene	ND	0.0250	1	04/14/25	04/16/25	
Ethylbenzene	ND	0.0250	1	04/14/25	04/16/25	
Toluene	ND	0.0250	1	04/14/25	04/16/25	
o-Xylene	ND	0.0250	1	04/14/25	04/16/25	
p,m-Xylene	ND	0.0500	1	04/14/25	04/16/25	
Total Xylenes	ND	0.0250	1	04/14/25	04/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.0 %	70-130		04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2516015	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/25	04/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.9 %	70-130		04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2516026	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/14/25	04/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/14/25	04/16/25	
<i>Surrogate: n-Nonane</i>						
	106 %	61-141		04/14/25	04/16/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2516028	
Chloride	ND	20.0	1	04/14/25	04/15/25	



## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/18/2025 2:09:11PM

## SW1-1'

## E504101-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2516015	
Benzene	ND	0.0250	1	04/14/25	04/16/25	
Ethylbenzene	ND	0.0250	1	04/14/25	04/16/25	
Toluene	ND	0.0250	1	04/14/25	04/16/25	
o-Xylene	ND	0.0250	1	04/14/25	04/16/25	
p,m-Xylene	ND	0.0500	1	04/14/25	04/16/25	
Total Xylenes	ND	0.0250	1	04/14/25	04/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.7 %	70-130		04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2516015	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/25	04/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.8 %	70-130		04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2516026	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/14/25	04/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/14/25	04/16/25	
<i>Surrogate: n-Nonane</i>						
	109 %	61-141		04/14/25	04/16/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2516028	
Chloride	ND	20.0	1	04/14/25	04/15/25	





## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/18/2025 2:09:11PM

SW1-2'

E504101-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2516015
Benzene	ND	0.0250	1	04/14/25	04/16/25	
Ethylbenzene	ND	0.0250	1	04/14/25	04/16/25	
Toluene	ND	0.0250	1	04/14/25	04/16/25	
o-Xylene	ND	0.0250	1	04/14/25	04/16/25	
p,m-Xylene	ND	0.0500	1	04/14/25	04/16/25	
Total Xylenes	ND	0.0250	1	04/14/25	04/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.7 %	70-130		04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2516015
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/25	04/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.7 %	70-130		04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2516026
Diesel Range Organics (C10-C28)	ND	25.0	1	04/14/25	04/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/14/25	04/16/25	
<i>Surrogate: n-Nonane</i>						
	110 %	61-141		04/14/25	04/16/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2516028
Chloride	ND	20.0	1	04/14/25	04/15/25	



## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/18/2025 2:09:11PM

SW1-3'

E504101-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2516015
Benzene	ND	0.0250	1	04/14/25	04/16/25	
Ethylbenzene	ND	0.0250	1	04/14/25	04/16/25	
Toluene	ND	0.0250	1	04/14/25	04/16/25	
o-Xylene	ND	0.0250	1	04/14/25	04/16/25	
p,m-Xylene	ND	0.0500	1	04/14/25	04/16/25	
Total Xylenes	ND	0.0250	1	04/14/25	04/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.6 %	70-130		04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2516015
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/25	04/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.2 %	70-130		04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2516026
Diesel Range Organics (C10-C28)	ND	25.0	1	04/14/25	04/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/14/25	04/16/25	
<i>Surrogate: n-Nonane</i>						
	110 %	61-141		04/14/25	04/16/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2516028
Chloride	ND	20.0	1	04/14/25	04/15/25	



## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/18/2025 2:09:11PM

## SW1-4'

## E504101-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2516015
Benzene	ND	0.0250	1	04/14/25	04/16/25	
Ethylbenzene	ND	0.0250	1	04/14/25	04/16/25	
Toluene	ND	0.0250	1	04/14/25	04/16/25	
o-Xylene	ND	0.0250	1	04/14/25	04/16/25	
p,m-Xylene	ND	0.0500	1	04/14/25	04/16/25	
Total Xylenes	ND	0.0250	1	04/14/25	04/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.5 %	70-130		04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2516015
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/25	04/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.7 %	70-130		04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2516026
Diesel Range Organics (C10-C28)	ND	25.0	1	04/14/25	04/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/14/25	04/16/25	
<i>Surrogate: n-Nonane</i>						
	111 %	61-141		04/14/25	04/16/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2516028
Chloride	ND	20.0	1	04/14/25	04/15/25	



## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/18/2025 2:09:11PM

## SW2-SURFACE

## E504101-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2516015	
Benzene	ND	0.0250	1	04/14/25	04/16/25	
Ethylbenzene	ND	0.0250	1	04/14/25	04/16/25	
Toluene	ND	0.0250	1	04/14/25	04/16/25	
o-Xylene	ND	0.0250	1	04/14/25	04/16/25	
p,m-Xylene	ND	0.0500	1	04/14/25	04/16/25	
Total Xylenes	ND	0.0250	1	04/14/25	04/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.5 %	70-130		04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2516015	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/25	04/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.0 %	70-130		04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2516026	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/14/25	04/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/14/25	04/16/25	
<i>Surrogate: n-Nonane</i>						
	112 %	61-141		04/14/25	04/16/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2516028	
Chloride	ND	20.0	1	04/14/25	04/15/25	





## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/18/2025 2:09:11PM

## SW2-1'

## E504101-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2516015	
Benzene	ND	0.0250	1	04/14/25	04/16/25	
Ethylbenzene	ND	0.0250	1	04/14/25	04/16/25	
Toluene	ND	0.0250	1	04/14/25	04/16/25	
o-Xylene	ND	0.0250	1	04/14/25	04/16/25	
p,m-Xylene	ND	0.0500	1	04/14/25	04/16/25	
Total Xylenes	ND	0.0250	1	04/14/25	04/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.7 %	70-130		04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2516015	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/25	04/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.4 %	70-130		04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2516026	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/14/25	04/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/14/25	04/16/25	
<i>Surrogate: n-Nonane</i>						
	106 %	61-141		04/14/25	04/16/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2516028	
Chloride	ND	20.0	1	04/14/25	04/15/25	



## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/18/2025 2:09:11PM

SW2-2'

E504101-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2516015	
Benzene	ND	0.0250	1	04/14/25	04/16/25	
Ethylbenzene	ND	0.0250	1	04/14/25	04/16/25	
Toluene	ND	0.0250	1	04/14/25	04/16/25	
o-Xylene	ND	0.0250	1	04/14/25	04/16/25	
p,m-Xylene	ND	0.0500	1	04/14/25	04/16/25	
Total Xylenes	ND	0.0250	1	04/14/25	04/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.8 %	70-130		04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2516015	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/25	04/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.1 %	70-130		04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2516085	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/14/25	04/18/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/14/25	04/18/25	
<i>Surrogate: n-Nonane</i>						
	116 %	61-141		04/14/25	04/18/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2516028	
Chloride	ND	20.0	1	04/14/25	04/15/25	



## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/18/2025 2:09:11PM

SW2-3'

E504101-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2516015	
Benzene	ND	0.0250	1	04/14/25	04/16/25	
Ethylbenzene	ND	0.0250	1	04/14/25	04/16/25	
Toluene	ND	0.0250	1	04/14/25	04/16/25	
o-Xylene	ND	0.0250	1	04/14/25	04/16/25	
p,m-Xylene	ND	0.0500	1	04/14/25	04/16/25	
Total Xylenes	ND	0.0250	1	04/14/25	04/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.7 %	70-130		04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2516015	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/25	04/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.8 %	70-130		04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2516026	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/14/25	04/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/14/25	04/16/25	
<i>Surrogate: n-Nonane</i>						
	109 %	61-141		04/14/25	04/16/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2516028	
Chloride	ND	20.0	1	04/14/25	04/15/25	



## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/18/2025 2:09:11PM

SW2-4'

E504101-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2516015	
Benzene	ND	0.0250	1	04/14/25	04/16/25	
Ethylbenzene	ND	0.0250	1	04/14/25	04/16/25	
Toluene	ND	0.0250	1	04/14/25	04/16/25	
o-Xylene	ND	0.0250	1	04/14/25	04/16/25	
p,m-Xylene	ND	0.0500	1	04/14/25	04/16/25	
Total Xylenes	ND	0.0250	1	04/14/25	04/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.0 %	70-130		04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2516015	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/25	04/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.7 %	70-130		04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2516026	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/14/25	04/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/14/25	04/17/25	
<i>Surrogate: n-Nonane</i>						
	109 %	61-141		04/14/25	04/17/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2516028	
Chloride	ND	20.0	1	04/14/25	04/15/25	





## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/18/2025 2:09:11PM

## SW3-SURFACE

## E504101-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2516015	
Benzene	ND	0.0250	1	04/14/25	04/16/25	
Ethylbenzene	ND	0.0250	1	04/14/25	04/16/25	
Toluene	ND	0.0250	1	04/14/25	04/16/25	
o-Xylene	ND	0.0250	1	04/14/25	04/16/25	
p,m-Xylene	ND	0.0500	1	04/14/25	04/16/25	
Total Xylenes	ND	0.0250	1	04/14/25	04/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.6 %	70-130		04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2516015	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/25	04/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.4 %	70-130		04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2516026	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/14/25	04/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/14/25	04/17/25	
<i>Surrogate: n-Nonane</i>						
	114 %	61-141		04/14/25	04/17/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2516028	
Chloride	ND	20.0	1	04/14/25	04/15/25	



## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/18/2025 2:09:11PM

## SW3-1'

## E504101-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>		mg/kg	mg/kg	Analyst: SL		Batch: 2516015
Benzene	ND	0.0250	1	04/14/25	04/16/25	
Ethylbenzene	ND	0.0250	1	04/14/25	04/16/25	
Toluene	ND	0.0250	1	04/14/25	04/16/25	
o-Xylene	ND	0.0250	1	04/14/25	04/16/25	
p,m-Xylene	ND	0.0500	1	04/14/25	04/16/25	
Total Xylenes	ND	0.0250	1	04/14/25	04/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		88.9 %	70-130	04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: SL		Batch: 2516015
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/25	04/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.3 %	70-130	04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: IY		Batch: 2516026
Diesel Range Organics (C10-C28)	ND	25.0	1	04/14/25	04/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/14/25	04/17/25	
<i>Surrogate: n-Nonane</i>		111 %	61-141	04/14/25	04/17/25	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg	Analyst: RAS		Batch: 2516028
Chloride	ND	20.0	1	04/14/25	04/15/25	



## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/18/2025 2:09:11PM

SW3-2'

E504101-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2516015	
Benzene	ND	0.0250	1	04/14/25	04/16/25	
Ethylbenzene	ND	0.0250	1	04/14/25	04/16/25	
Toluene	ND	0.0250	1	04/14/25	04/16/25	
o-Xylene	ND	0.0250	1	04/14/25	04/16/25	
p,m-Xylene	ND	0.0500	1	04/14/25	04/16/25	
Total Xylenes	ND	0.0250	1	04/14/25	04/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.6 %	70-130		04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2516015	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/25	04/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.4 %	70-130		04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2516026	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/14/25	04/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/14/25	04/17/25	
<i>Surrogate: n-Nonane</i>						
	112 %	61-141		04/14/25	04/17/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2516028	
Chloride	ND	20.0	1	04/14/25	04/15/25	



## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/18/2025 2:09:11PM

SW3-3'

E504101-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2516015	
Benzene	ND	0.0250	1	04/14/25	04/16/25	
Ethylbenzene	ND	0.0250	1	04/14/25	04/16/25	
Toluene	ND	0.0250	1	04/14/25	04/16/25	
o-Xylene	ND	0.0250	1	04/14/25	04/16/25	
p,m-Xylene	ND	0.0500	1	04/14/25	04/16/25	
Total Xylenes	ND	0.0250	1	04/14/25	04/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.8 %	70-130		04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2516015	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/25	04/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.7 %	70-130		04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2516026	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/14/25	04/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/14/25	04/17/25	
<i>Surrogate: n-Nonane</i>						
	112 %	61-141		04/14/25	04/17/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2516028	
Chloride	ND	20.0	1	04/14/25	04/15/25	





## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/18/2025 2:09:11PM

SW3-4'

E504101-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2516015	
Benzene	ND	0.0250	1	04/14/25	04/16/25	
Ethylbenzene	ND	0.0250	1	04/14/25	04/16/25	
Toluene	ND	0.0250	1	04/14/25	04/16/25	
o-Xylene	ND	0.0250	1	04/14/25	04/16/25	
p,m-Xylene	ND	0.0500	1	04/14/25	04/16/25	
Total Xylenes	ND	0.0250	1	04/14/25	04/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.0 %	70-130		04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2516015	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/25	04/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.5 %	70-130		04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2516085	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/14/25	04/18/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/14/25	04/18/25	
<i>Surrogate: n-Nonane</i>						
	112 %	61-141		04/14/25	04/18/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2516028	
Chloride	ND	20.0	1	04/14/25	04/15/25	



## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/18/2025 2:09:11PM

## SW4-SURFACE

## E504101-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2516015	
Benzene	ND	0.0250	1	04/14/25	04/16/25	
Ethylbenzene	ND	0.0250	1	04/14/25	04/16/25	
Toluene	ND	0.0250	1	04/14/25	04/16/25	
o-Xylene	ND	0.0250	1	04/14/25	04/16/25	
p,m-Xylene	ND	0.0500	1	04/14/25	04/16/25	
Total Xylenes	ND	0.0250	1	04/14/25	04/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.8 %	70-130		04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2516015	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/25	04/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.2 %	70-130		04/14/25	04/16/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2516026	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/14/25	04/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/14/25	04/17/25	
<i>Surrogate: n-Nonane</i>						
	111 %	61-141		04/14/25	04/17/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2516028	
Chloride	ND	20.0	1	04/14/25	04/15/25	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Marwari 28 CTB 1	Reported:  4/18/2025 2:09:11PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Volatile Organics by EPA 8021B

Analyst: SL

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 (2516015-BLK1) Prepared: 04/14/25 Analyzed: 04/15/25

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	6.79		8.00		84.9	70-130			

LCS (2516015-BS1) Prepared: 04/14/25 Analyzed: 04/15/25

Benzene	5.34	0.0250	5.00		107	70-130			
Ethylbenzene	5.32	0.0250	5.00		106	70-130			
Toluene	5.37	0.0250	5.00		107	70-130			
o-Xylene	5.25	0.0250	5.00		105	70-130			
p,m-Xylene	10.7	0.0500	10.0		107	70-130			
Total Xylenes	16.0	0.0250	15.0		107	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.93		8.00		86.6	70-130			

Matrix Spike (2516015-MS1) Source: E504101-06 Prepared: 04/14/25 Analyzed: 04/17/25

Benzene	5.32	0.0250	5.00	ND	106	70-130			
Ethylbenzene	5.24	0.0250	5.00	ND	105	70-130			
Toluene	5.30	0.0250	5.00	ND	106	70-130			
o-Xylene	5.17	0.0250	5.00	ND	103	70-130			
p,m-Xylene	10.6	0.0500	10.0	ND	106	70-130			
Total Xylenes	15.8	0.0250	15.0	ND	105	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.02		8.00		87.7	70-130			

Matrix Spike Dup (2516015-MSD1) Source: E504101-06 Prepared: 04/14/25 Analyzed: 04/16/25

Benzene	5.34	0.0250	5.00	ND	107	70-130	0.357	27	
Ethylbenzene	5.37	0.0250	5.00	ND	107	70-130	2.42	26	
Toluene	5.40	0.0250	5.00	ND	108	70-130	1.79	20	
o-Xylene	5.33	0.0250	5.00	ND	107	70-130	3.21	25	
p,m-Xylene	10.8	0.0500	10.0	ND	108	70-130	2.07	23	
Total Xylenes	16.2	0.0250	15.0	ND	108	70-130	2.44	26	
Surrogate: 4-Bromochlorobenzene-PID	7.11		8.00		88.9	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Marwari 28 CTB 1	Reported:  4/18/2025 2:09:11PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

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 (2516015-BLK1) Prepared: 04/14/25 Analyzed: 04/15/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.37		8.00		92.2	70-130			

LCS (2516015-BS2) Prepared: 04/14/25 Analyzed: 04/16/25

Gasoline Range Organics (C6-C10)	36.2	20.0	50.0		72.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.53		8.00		94.1	70-130			

Matrix Spike (2516015-MS2) Source: E504101-06 Prepared: 04/14/25 Analyzed: 04/16/25

Gasoline Range Organics (C6-C10)	40.2	20.0	50.0	ND	80.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.51		8.00		93.9	70-130			

Matrix Spike Dup (2516015-MSD2) Source: E504101-06 Prepared: 04/14/25 Analyzed: 04/16/25

Gasoline Range Organics (C6-C10)	42.3	20.0	50.0	ND	84.6	70-130	5.00	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.40		8.00		92.5	70-130			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Marwari 28 CTB 1	Reported:  4/18/2025 2:09:11PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Nonhalogenated Organics by EPA 8015D - DRO/ORO

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 (2516026-BLK1)					Prepared: 04/14/25 Analyzed: 04/16/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	53.7		50.0		107	61-141			

LCS (2516026-BS1)					Prepared: 04/14/25 Analyzed: 04/16/25				
Diesel Range Organics (C10-C28)	288	25.0	250		115	66-144			
Surrogate: n-Nonane	57.1		50.0		114	61-141			

Matrix Spike (2516026-MS1)					Source: E504101-03		Prepared: 04/14/25 Analyzed: 04/16/25		
Diesel Range Organics (C10-C28)	280	25.0	250	ND	112	56-156			
Surrogate: n-Nonane	56.3		50.0		113	61-141			

Matrix Spike Dup (2516026-MSD1)					Source: E504101-03		Prepared: 04/14/25 Analyzed: 04/16/25		
Diesel Range Organics (C10-C28)	280	25.0	250	ND	112	56-156	0.0335	20	
Surrogate: n-Nonane	56.0		50.0		112	61-141			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Marwari 28 CTB 1	Reported:  4/18/2025 2:09:11PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Nonhalogenated Organics by EPA 8015D - DRO/ORO

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 (2516085-BLK1)					Prepared: 04/17/25 Analyzed: 04/17/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	59.8		50.0		120	61-141			

LCS (2516085-BS1)					Prepared: 04/17/25 Analyzed: 04/17/25				
Diesel Range Organics (C10-C28)	280	25.0	250		112	66-144			
Surrogate: n-Nonane	56.6		50.0		113	61-141			

Matrix Spike (2516085-MS1)					Source: E504141-21		Prepared: 04/17/25 Analyzed: 04/17/25		
Diesel Range Organics (C10-C28)	278	25.0	250	ND	111	56-156			
Surrogate: n-Nonane	57.0		50.0		114	61-141			

Matrix Spike Dup (2516085-MSD1)					Source: E504141-21		Prepared: 04/17/25 Analyzed: 04/17/25		
Diesel Range Organics (C10-C28)	282	25.0	250	ND	113	56-156	1.46	20	
Surrogate: n-Nonane	61.0		50.0		122	61-141			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Marwari 28 CTB 1	Reported:  4/18/2025 2:09:11PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Anions by EPA 300.0/9056A

Analyst: RAS

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 (2516028-BLK1)						Prepared: 04/14/25 Analyzed: 04/15/25			
Chloride	ND	20.0							
LCS (2516028-BS1)						Prepared: 04/14/25 Analyzed: 04/15/25			
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2516028-MS1)				Source: E504101-02		Prepared: 04/14/25 Analyzed: 04/15/25			
Chloride	972	20.0	250	728	97.4	80-120			
Matrix Spike Dup (2516028-MSD1)				Source: E504101-02		Prepared: 04/14/25 Analyzed: 04/15/25			
Chloride	963	20.0	250	728	93.8	80-120	0.928	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:	Marwari 28 CTB 1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	04/18/25 14:09

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

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

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





## Chain of Custody

Page 3 of 6

Client Information					Invoice Information		Lab Use Only		TAT				State					
Client: Pima Environmental Services, LLC					Company: DEVON		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX		
Project Name: Marwari 28 CTB 1					Address:		504101	01058-0007				X	X					
Project Manager: Gio Gomez					City, State, Zip:													
Address: 5614 N Lovington Hwy					Phone:													
City, State, Zip: Hobbs, NM 88240					Email:													
Phone: 806-782-1151					Project No. # 139-3													
Email: gio@pimaoil.com																		
Sample Information										Analysis and Method				EPA Program				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Cation/Anion Pkg	SDWA	CWA	RCRA
9:44	4/10/2025	S		S4-2'		1						X						
9:49	4/10/2025	S		S4-3'		2						X						
9:53	4/10/2025	S		S4-4'		3						X						
9:58	4/10/2025	S		S4-5'		4						X						
10:03	4/10/2025	S		SW1- SURFACE		5						X						
10:11	4/10/2025	S		SW1-1'		6						X						
10:15	4/10/25	S		SW1-2'		7						X						
10:18	4/10/2025	S		SW1-3'		8						X						
10:20	4/10/2025	S		SW1-4'		9						X						
10:27	4/10/2025	S		SW2-SURFACE		10						X						
Additional Instructions: Billing- 21161793																		
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: Andrew Franco																		
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 in ice at an avg temp above 0 but less than 6 oC on subsequent days. Received on ice: <u>Y</u> N T1 _____ T2 _____ T3 _____ AVG Temp oC <u>4</u>						
Andrew Franco		4/10/25		3:00		Karine Adams		4/11/25		9:00								
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time								
Karine Adams		4/11/25		2:00		Michelle Gonzales		4-11-25		1400								
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time								
Michelle Gonzales		4-11-25		1545		John N.		4.11.25		1715								
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time								
John N.		4.11.25		2400		Caitlin Mann		4-11-25		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																		

Chain of Custody

Client Information				Invoice Information		Lab Use Only		TAT		State									
Client: Pima Environmental Services, LLC				Company: DEVON		Lab WO# 504101		Job Number 010580007		1D	2D	3D	Std	NM CO UT TX					
Project Name: Marwari 28 CTB 1				Address:										X					
Project Manager: Gio Gomez				City, State, Zip:															
Address: 5614 N Lovington Hwy				Phone:															
City, State, Zip: Hobbs, NM 88240				Email:															
Phone: 806-782-1151				Project No. # 139-3															
Email: gio@pimaoil.com																			
Sample Information										Analysis and Method						EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Cation/Anion Pkg	SDWA	CWA	RCRA	
10:30	4/10/2025	S		SW2-1'		11						X							
10:34	4/10/2025	S		SW2-2'		12						X							
10:38	4/10/2025	S		SW2-3'		13						X							
10:43	4/10/2025	S		SW2-4'		14						X							
10:49	4/10/2025	S		SW3-SURFACE		15						X							
10:50	4/10/2025	S		SW3-1'		16						X							
10:56	4/10/25	S		SW3-2'		17						X							
11:00	4/10/2025	S		SW3-3'		18						X							
11:06	4/10/2025	S		SW3-4'		19						X							
11:10	4/10/2025	S		SW4-SURFACE		20						X							
Additional Instructions: Billing- 21161793																			
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: Andrew Franco																			
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 in ice at an avg temp above 0 but less than 6 oC on subsequent days.  Lab Use Only Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N  T1 _____ T2 _____ T3 _____  AVG Temp oC 4							
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
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																			

## Envirotech Analytical Laboratory

Printed: 4/14/2025 9:15:03AM

## 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:	04/14/25 07:45	Work Order ID:	E504101
Phone:	(575) 631-6977	Date Logged In:	04/11/25 14:55	Logged In By:	Caitlin Mars
Email:	gio@pimaoil.com	Due Date:	04/18/25 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

Project Marwari 28 CTB 1 has been separated into 3 reports due to sample volume WO are E504100 To E504102. No of containers 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? 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:  
Gio Gomez



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Marwari 28 CTB 1

Work Order: E504102

Job Number: 01058-0007

Received: 4/14/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
4/18/25

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: 4/18/25

Gio Gomez  
PO Box 247  
Plains, TX 79355-0247



Project Name: Marwari 28 CTB 1  
Workorder: E504102  
Date Received: 4/14/2025 7:45:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/14/2025 7:45:00AM, under the Project Name: Marwari 28 CTB 1.

The analytical test results summarized in this report with the Project Name: Marwari 28 CTB 1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues 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  
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Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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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:	Marwari 28 CTB 1	<b>Reported:</b> 04/18/25 09:39
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW4-1'	E504102-01A	Soil	04/10/25	04/14/25	Glass Jar, 2 oz.
SW4-2'	E504102-02A	Soil	04/10/25	04/14/25	Glass Jar, 2 oz.
SW4-3'	E504102-03A	Soil	04/10/25	04/14/25	Glass Jar, 2 oz.
SW4-4'	E504102-04A	Soil	04/10/25	04/14/25	Glass Jar, 2 oz.
SW5-SURFACE	E504102-05A	Soil	04/10/25	04/14/25	Glass Jar, 2 oz.
SW5-1'	E504102-06A	Soil	04/10/25	04/14/25	Glass Jar, 2 oz.
SW5-2'	E504102-07A	Soil	04/10/25	04/14/25	Glass Jar, 2 oz.
SW5-3'	E504102-08A	Soil	04/10/25	04/14/25	Glass Jar, 2 oz.
SW5-4'	E504102-09A	Soil	04/10/25	04/14/25	Glass Jar, 2 oz.
SW6-SURFACE	E504102-10A	Soil	04/10/25	04/14/25	Glass Jar, 2 oz.
SW6-1'	E504102-11A	Soil	04/10/25	04/14/25	Glass Jar, 2 oz.
SW6-2'	E504102-12A	Soil	04/10/25	04/14/25	Glass Jar, 2 oz.
SW6-3'	E504102-13A	Soil	04/10/25	04/14/25	Glass Jar, 2 oz.
SW6-4'	E504102-14A	Soil	04/10/25	04/14/25	Glass Jar, 2 oz.
BG1-1'	E504102-15A	Soil	04/10/25	04/14/25	Glass Jar, 2 oz.





## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/18/2025 9:39:51AM

**SW4-1'**

**E504102-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2516005	
Benzene	ND	0.0250	1	04/14/25	04/14/25	
Ethylbenzene	ND	0.0250	1	04/14/25	04/14/25	
Toluene	ND	0.0250	1	04/14/25	04/14/25	
o-Xylene	ND	0.0250	1	04/14/25	04/14/25	
p,m-Xylene	ND	0.0500	1	04/14/25	04/14/25	
Total Xylenes	ND	0.0250	1	04/14/25	04/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		84.5 %	70-130	04/14/25	04/14/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2516005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/25	04/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.5 %	70-130	04/14/25	04/14/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: HM		Batch: 2516024	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/14/25	04/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/14/25	04/15/25	
<i>Surrogate: n-Nonane</i>		109 %	61-141	04/14/25	04/15/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2516030	
Chloride	ND	20.0	1	04/15/25	04/15/25	



## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/18/2025 9:39:51AM

SW4-2'

E504102-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2516005	
Benzene	ND	0.0250	1	04/14/25	04/14/25	
Ethylbenzene	ND	0.0250	1	04/14/25	04/14/25	
Toluene	ND	0.0250	1	04/14/25	04/14/25	
o-Xylene	ND	0.0250	1	04/14/25	04/14/25	
p,m-Xylene	ND	0.0500	1	04/14/25	04/14/25	
Total Xylenes	ND	0.0250	1	04/14/25	04/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.9 %	70-130		04/14/25	04/14/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2516005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/25	04/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.8 %	70-130		04/14/25	04/14/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: HM		Batch: 2516024	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/14/25	04/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/14/25	04/15/25	
<i>Surrogate: n-Nonane</i>						
	104 %	61-141		04/14/25	04/15/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2516030	
Chloride	ND	20.0	1	04/15/25	04/15/25	



## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/18/2025 9:39:51AM

SW4-3'

E504102-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2516005	
Benzene	ND	0.0250	1	04/14/25	04/14/25	
Ethylbenzene	ND	0.0250	1	04/14/25	04/14/25	
Toluene	ND	0.0250	1	04/14/25	04/14/25	
o-Xylene	ND	0.0250	1	04/14/25	04/14/25	
p,m-Xylene	ND	0.0500	1	04/14/25	04/14/25	
Total Xylenes	ND	0.0250	1	04/14/25	04/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.2 %	70-130		04/14/25	04/14/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2516005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/25	04/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.6 %	70-130		04/14/25	04/14/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: HM		Batch: 2516024	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/14/25	04/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/14/25	04/15/25	
<i>Surrogate: n-Nonane</i>						
	109 %	61-141		04/14/25	04/15/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2516030	
Chloride	ND	20.0	1	04/15/25	04/15/25	



## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/18/2025 9:39:51AM

SW4-4'

E504102-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2516005	
Benzene	ND	0.0250	1	04/14/25	04/14/25	
Ethylbenzene	ND	0.0250	1	04/14/25	04/14/25	
Toluene	ND	0.0250	1	04/14/25	04/14/25	
o-Xylene	ND	0.0250	1	04/14/25	04/14/25	
p,m-Xylene	ND	0.0500	1	04/14/25	04/14/25	
Total Xylenes	ND	0.0250	1	04/14/25	04/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.6 %	70-130		04/14/25	04/14/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2516005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/25	04/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.0 %	70-130		04/14/25	04/14/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: HM		Batch: 2516024	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/14/25	04/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/14/25	04/15/25	
<i>Surrogate: n-Nonane</i>						
	105 %	61-141		04/14/25	04/15/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2516030	
Chloride	ND	20.0	1	04/15/25	04/15/25	





## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/18/2025 9:39:51AM

## SW5-SURFACE

## E504102-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2516005	
Benzene	ND	0.0250	1	04/14/25	04/14/25	
Ethylbenzene	ND	0.0250	1	04/14/25	04/14/25	
Toluene	ND	0.0250	1	04/14/25	04/14/25	
o-Xylene	ND	0.0250	1	04/14/25	04/14/25	
p,m-Xylene	ND	0.0500	1	04/14/25	04/14/25	
Total Xylenes	ND	0.0250	1	04/14/25	04/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.7 %	70-130		04/14/25	04/14/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2516005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/25	04/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.8 %	70-130		04/14/25	04/14/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: HM		Batch: 2516024	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/14/25	04/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/14/25	04/15/25	
<i>Surrogate: n-Nonane</i>						
	107 %	61-141		04/14/25	04/15/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2516030	
Chloride	ND	20.0	1	04/15/25	04/15/25	



## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/18/2025 9:39:51AM

SW5-1'

E504102-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2516005	
Benzene	ND	0.0250	1	04/14/25	04/14/25	
Ethylbenzene	ND	0.0250	1	04/14/25	04/14/25	
Toluene	ND	0.0250	1	04/14/25	04/14/25	
o-Xylene	ND	0.0250	1	04/14/25	04/14/25	
p,m-Xylene	ND	0.0500	1	04/14/25	04/14/25	
Total Xylenes	ND	0.0250	1	04/14/25	04/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.1 %	70-130		04/14/25	04/14/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2516005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/25	04/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.4 %	70-130		04/14/25	04/14/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: HM		Batch: 2516024	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/14/25	04/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/14/25	04/15/25	
<i>Surrogate: n-Nonane</i>						
	106 %	61-141		04/14/25	04/15/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2516030	
Chloride	ND	20.0	1	04/15/25	04/15/25	



## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/18/2025 9:39:51AM

SW5-2'

E504102-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2516005	
Benzene	ND	0.0250	1	04/14/25	04/14/25	
Ethylbenzene	ND	0.0250	1	04/14/25	04/14/25	
Toluene	ND	0.0250	1	04/14/25	04/14/25	
o-Xylene	ND	0.0250	1	04/14/25	04/14/25	
p,m-Xylene	ND	0.0500	1	04/14/25	04/14/25	
Total Xylenes	ND	0.0250	1	04/14/25	04/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.9 %	70-130		04/14/25	04/14/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2516005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/25	04/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.0 %	70-130		04/14/25	04/14/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: HM		Batch: 2516024	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/14/25	04/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/14/25	04/15/25	
<i>Surrogate: n-Nonane</i>						
	102 %	61-141		04/14/25	04/15/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2516030	
Chloride	ND	20.0	1	04/15/25	04/15/25	



## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/18/2025 9:39:51AM

SW5-3'

E504102-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2516005	
Benzene	ND	0.0250	1	04/14/25	04/14/25	
Ethylbenzene	ND	0.0250	1	04/14/25	04/14/25	
Toluene	ND	0.0250	1	04/14/25	04/14/25	
o-Xylene	ND	0.0250	1	04/14/25	04/14/25	
p,m-Xylene	ND	0.0500	1	04/14/25	04/14/25	
Total Xylenes	ND	0.0250	1	04/14/25	04/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.9 %	70-130		04/14/25	04/14/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2516005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/25	04/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.1 %	70-130		04/14/25	04/14/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: HM		Batch: 2516024	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/14/25	04/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/14/25	04/15/25	
<i>Surrogate: n-Nonane</i>						
	107 %	61-141		04/14/25	04/15/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2516030	
Chloride	ND	20.0	1	04/15/25	04/15/25	



## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/18/2025 9:39:51AM

SW5-4'

E504102-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2516005	
Benzene	ND	0.0250	1	04/14/25	04/14/25	
Ethylbenzene	ND	0.0250	1	04/14/25	04/14/25	
Toluene	ND	0.0250	1	04/14/25	04/14/25	
o-Xylene	ND	0.0250	1	04/14/25	04/14/25	
p,m-Xylene	ND	0.0500	1	04/14/25	04/14/25	
Total Xylenes	ND	0.0250	1	04/14/25	04/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.6 %	70-130		04/14/25	04/14/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2516005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/25	04/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.9 %	70-130		04/14/25	04/14/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: HM		Batch: 2516024	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/14/25	04/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/14/25	04/15/25	
<i>Surrogate: n-Nonane</i>						
	105 %	61-141		04/14/25	04/15/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2516030	
Chloride	ND	20.0	1	04/15/25	04/15/25	





## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/18/2025 9:39:51AM

## SW6-SURFACE

## E504102-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2516005	
Benzene	ND	0.0250	1	04/14/25	04/14/25	
Ethylbenzene	ND	0.0250	1	04/14/25	04/14/25	
Toluene	ND	0.0250	1	04/14/25	04/14/25	
o-Xylene	ND	0.0250	1	04/14/25	04/14/25	
p,m-Xylene	ND	0.0500	1	04/14/25	04/14/25	
Total Xylenes	ND	0.0250	1	04/14/25	04/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.0 %	70-130		04/14/25	04/14/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2516005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/25	04/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.0 %	70-130		04/14/25	04/14/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: HM		Batch: 2516024	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/14/25	04/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/14/25	04/15/25	
<i>Surrogate: n-Nonane</i>						
	107 %	61-141		04/14/25	04/15/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2516030	
Chloride	ND	20.0	1	04/15/25	04/15/25	



## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/18/2025 9:39:51AM

## SW6-1'

## E504102-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2516005	
Benzene	ND	0.0250	1	04/14/25	04/14/25	
Ethylbenzene	ND	0.0250	1	04/14/25	04/14/25	
Toluene	ND	0.0250	1	04/14/25	04/14/25	
o-Xylene	ND	0.0250	1	04/14/25	04/14/25	
p,m-Xylene	ND	0.0500	1	04/14/25	04/14/25	
Total Xylenes	ND	0.0250	1	04/14/25	04/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.6 %	70-130		04/14/25	04/14/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2516005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/25	04/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.7 %	70-130		04/14/25	04/14/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: HM		Batch: 2516024	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/14/25	04/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/14/25	04/15/25	
<i>Surrogate: n-Nonane</i>						
	108 %	61-141		04/14/25	04/15/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2516030	
Chloride	ND	20.0	1	04/15/25	04/15/25	



## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/18/2025 9:39:51AM

SW6-2'

E504102-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>		mg/kg	mg/kg	Analyst: SL		Batch: 2516005
Benzene	ND	0.0250	1	04/14/25	04/14/25	
Ethylbenzene	ND	0.0250	1	04/14/25	04/14/25	
Toluene	ND	0.0250	1	04/14/25	04/14/25	
o-Xylene	ND	0.0250	1	04/14/25	04/14/25	
p,m-Xylene	ND	0.0500	1	04/14/25	04/14/25	
Total Xylenes	ND	0.0250	1	04/14/25	04/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		84.3 %	70-130	04/14/25	04/14/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: SL		Batch: 2516005
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/25	04/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.5 %	70-130	04/14/25	04/14/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: HM		Batch: 2516024
Diesel Range Organics (C10-C28)	ND	25.0	1	04/14/25	04/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/14/25	04/15/25	
<i>Surrogate: n-Nonane</i>		105 %	61-141	04/14/25	04/15/25	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg	Analyst: DT		Batch: 2516030
Chloride	ND	20.0	1	04/15/25	04/15/25	



## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/18/2025 9:39:51AM

SW6-3'

E504102-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2516005	
Benzene	ND	0.0250	1	04/14/25	04/14/25	
Ethylbenzene	ND	0.0250	1	04/14/25	04/14/25	
Toluene	ND	0.0250	1	04/14/25	04/14/25	
o-Xylene	ND	0.0250	1	04/14/25	04/14/25	
p,m-Xylene	ND	0.0500	1	04/14/25	04/14/25	
Total Xylenes	ND	0.0250	1	04/14/25	04/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.3 %	70-130		04/14/25	04/14/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2516005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/25	04/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.5 %	70-130		04/14/25	04/14/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: HM		Batch: 2516024	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/14/25	04/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/14/25	04/15/25	
<i>Surrogate: n-Nonane</i>						
	103 %	61-141		04/14/25	04/15/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2516030	
Chloride	ND	20.0	1	04/15/25	04/15/25	



## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/18/2025 9:39:51AM

SW6-4'

E504102-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2516005	
Benzene	ND	0.0250	1	04/14/25	04/14/25	
Ethylbenzene	ND	0.0250	1	04/14/25	04/14/25	
Toluene	ND	0.0250	1	04/14/25	04/14/25	
o-Xylene	ND	0.0250	1	04/14/25	04/14/25	
p,m-Xylene	ND	0.0500	1	04/14/25	04/14/25	
Total Xylenes	ND	0.0250	1	04/14/25	04/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.2 %	70-130		04/14/25	04/14/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2516005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/25	04/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.8 %	70-130		04/14/25	04/14/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: HM		Batch: 2516024	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/14/25	04/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/14/25	04/15/25	
<i>Surrogate: n-Nonane</i>						
	112 %	61-141		04/14/25	04/15/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2516030	
Chloride	ND	20.0	1	04/15/25	04/15/25	





## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/18/2025 9:39:51AM

## BG1-1'

## E504102-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2516005	
Benzene	ND	0.0250	1	04/14/25	04/14/25	
Ethylbenzene	ND	0.0250	1	04/14/25	04/14/25	
Toluene	ND	0.0250	1	04/14/25	04/14/25	
o-Xylene	ND	0.0250	1	04/14/25	04/14/25	
p,m-Xylene	ND	0.0500	1	04/14/25	04/14/25	
Total Xylenes	ND	0.0250	1	04/14/25	04/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.3 %	70-130		04/14/25	04/14/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2516005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/14/25	04/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.4 %	70-130		04/14/25	04/14/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: HM		Batch: 2516024	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/14/25	04/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/14/25	04/15/25	
<i>Surrogate: n-Nonane</i>						
	106 %	61-141		04/14/25	04/15/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2516030	
Chloride	ND	20.0	1	04/15/25	04/15/25	



## QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Marwari 28 CTB 1	<b>Reported:</b> 4/18/2025 9:39:51AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

## Volatile Organics by EPA 8021B

Analyst: SL

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 (2516005-BLK1)

Prepared: 04/14/25 Analyzed: 04/14/25

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	6.89		8.00		86.1	70-130			

## LCS (2516005-BS1)

Prepared: 04/14/25 Analyzed: 04/14/25

Benzene	5.55	0.0250	5.00		111	70-130			
Ethylbenzene	5.51	0.0250	5.00		110	70-130			
Toluene	5.55	0.0250	5.00		111	70-130			
o-Xylene	5.43	0.0250	5.00		109	70-130			
p,m-Xylene	11.1	0.0500	10.0		111	70-130			
Total Xylenes	16.5	0.0250	15.0		110	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.97		8.00		87.1	70-130			

## LCS Dup (2516005-BS1)

Prepared: 04/14/25 Analyzed: 04/14/25

Benzene	5.40	0.0250	5.00		108	70-130	2.71	20	
Ethylbenzene	5.38	0.0250	5.00		108	70-130	2.40	20	
Toluene	5.41	0.0250	5.00		108	70-130	2.62	20	
o-Xylene	5.31	0.0250	5.00		106	70-130	2.18	20	
p,m-Xylene	10.9	0.0500	10.0		109	70-130	2.36	20	
Total Xylenes	16.2	0.0250	15.0		108	70-130	2.30	20	
Surrogate: 4-Bromochlorobenzene-PID	7.06		8.00		88.3	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Marwari 28 CTB 1	Reported:  4/18/2025 9:39:51AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

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 (2516005-BLK1) Prepared: 04/14/25 Analyzed: 04/14/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.9	70-130			

LCS (2516005-BS2) Prepared: 04/14/25 Analyzed: 04/14/25

Gasoline Range Organics (C6-C10)	38.4	20.0	50.0		76.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.59		8.00		94.8	70-130			

LCS Dup (2516005-BSD2) Prepared: 04/14/25 Analyzed: 04/14/25

Gasoline Range Organics (C6-C10)	42.1	20.0	50.0		84.3	70-130	9.30	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.55		8.00		94.4	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Marwari 28 CTB 1	Reported:  4/18/2025 9:39:51AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

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 (2516024-BLK1)					Prepared: 04/14/25 Analyzed: 04/14/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	53.3		50.0		107	61-141			

LCS (2516024-BS1)					Prepared: 04/14/25 Analyzed: 04/14/25				
Diesel Range Organics (C10-C28)	337	25.0	250		135	66-144			
Surrogate: n-Nonane	53.7		50.0		107	61-141			

Matrix Spike (2516024-MS1)					Source: E504102-03		Prepared: 04/14/25 Analyzed: 04/14/25		
Diesel Range Organics (C10-C28)	288	25.0	250	ND	115	56-156			
Surrogate: n-Nonane	53.6		50.0		107	61-141			

Matrix Spike Dup (2516024-MSD1)					Source: E504102-03		Prepared: 04/14/25 Analyzed: 04/15/25		
Diesel Range Organics (C10-C28)	283	25.0	250	ND	113	56-156	1.82	20	
Surrogate: n-Nonane	52.2		50.0		104	61-141			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Marwari 28 CTB 1	Reported:  4/18/2025 9:39:51AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (2516030-BLK1)					Prepared: 04/15/25 Analyzed: 04/15/25				
Chloride	ND	20.0							
LCS (2516030-BS1)					Prepared: 04/15/25 Analyzed: 04/15/25				
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2516030-MS1)					Source: E504102-03		Prepared: 04/15/25 Analyzed: 04/15/25		
Chloride	253	20.0	250	ND	101	80-120			
Matrix Spike Dup (2516030-MSD1)					Source: E504102-03		Prepared: 04/15/25 Analyzed: 04/15/25		
Chloride	252	20.0	250	ND	101	80-120	0.323	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:	Marwari 28 CTB 1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	04/18/25 09:39

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



## Chain of Custody

Client Information				Invoice Information		Lab Use Only		TAT		State									
Client: Pima Environmental Services, LLC				Company: DEVON		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX				
Project Name: Marwari 28 CTB 1				Address:		504102	01058-0007				X	X							
Project Manager: Gio Gomez				City, State, Zip:															
Address: 5614 N Lovington Hwy				Phone:															
City, State, Zip: Hobbs, NM 88240				Email:															
Phone: 806-782-1151				Project No. # 139-3															
Email: gio@pimaoil.com																			
Sample Information						Analysis and Method								EPA Program					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	ACRA 8 Metals	Cation/Anion Pkg	SDWA	CWA	RCRA	
11:15	4/10/2025	S		SW4-1'		1						X							
11:19	4/10/2025	S		SW4-2'		2						X							
11:22	4/10/2025	S		SW4-3'		3						X							
11:28	4/10/2025	S		SW4-4'		4						X							
11:32	4/10/2025	S		SW5-SURFACE		5						X							
11:38	4/10/2025	S		SW5-1'		6						X							
11:42	4/10/25	S		SW5-2'		7						X							
11:47	4/10/2025	S		SW5-3'		8						X							
11:50	4/10/2025	S		SW5-4'		9						X							
11:55	4/10/2025	S		SW6-SURFACE		10						X							
Additional Instructions: Billing- 21161793																			
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: Andrew Franco																			
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 in ice at an avg temp above 0 but less than 6 oC on subsequent days. Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y / N T1 _____ T2 _____ T3 _____ AVG Temp oC 4							
Andrew Franco		4/10/25		3:00		Karine Hoame		3/11/25		9:00									
Karine Hoame		4/11/25		2:00		Michelle Gonzales		4-11-25		1400									
Michelle Gonzales		4-11-25		1545		L. L. M.		4-11-25		1715									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
L. L. M.		4-11-25		2400		Caitlin Mann		4-14-25		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																			

Released to Imaging: 7/31/2025 2:18:01 PM

## Envirotech Analytical Laboratory

Printed: 4/14/2025 9:15:47AM

## 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:	04/14/25 07:45	Work Order ID:	E504102
Phone:	(575) 631-6977	Date Logged In:	04/11/25 14:58	Logged In By:	Caitlin Mars
Email:	gio@pimaoil.com	Due Date:	04/18/25 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

Project Marwari 28 CTB 1 has been separated into 3 reports due to sample volume WO are E504100 To E504102. No of containers 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? 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:  
Gio Gomez



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Marwari 28 CTB 1

Work Order: E506005

Job Number: 01058-0007

Received: 6/3/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
6/3/25

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.  
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Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.  
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.



Date Reported: 6/3/25

Gio Gomez  
PO Box 247  
Plains, TX 79355-0247



Project Name: Marwari 28 CTB 1  
Workorder: E506005  
Date Received: 6/3/2025 8:00:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/3/2025 8:00:00AM, under the Project Name: Marwari 28 CTB 1.

The analytical test results summarized in this report with the Project Name: Marwari 28 CTB 1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues 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)

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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:	Marwari 28 CTB 1	Reported:  06/03/25 16:16
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS1	E506005-01A	Soil	05/30/25	06/03/25	Glass Jar, 2 oz.
CS2	E506005-02A	Soil	05/30/25	06/03/25	Glass Jar, 2 oz.
CS3	E506005-03A	Soil	05/30/25	06/03/25	Glass Jar, 2 oz.
CS4	E506005-04A	Soil	05/30/25	06/03/25	Glass Jar, 2 oz.
CSW1	E506005-05A	Soil	05/30/25	06/03/25	Glass Jar, 2 oz.
CSW2	E506005-06A	Soil	05/30/25	06/03/25	Glass Jar, 2 oz.
CSW3	E506005-07A	Soil	05/30/25	06/03/25	Glass Jar, 2 oz.
CSW4	E506005-08A	Soil	05/30/25	06/03/25	Glass Jar, 2 oz.
CSW5	E506005-09A	Soil	05/30/25	06/03/25	Glass Jar, 2 oz.



## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
6/3/2025 4:16:58PM

### CS1

#### E506005-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2523059	
Benzene	ND	0.0250	1	06/03/25	06/03/25	
Ethylbenzene	ND	0.0250	1	06/03/25	06/03/25	
Toluene	ND	0.0250	1	06/03/25	06/03/25	
o-Xylene	ND	0.0250	1	06/03/25	06/03/25	
p,m-Xylene	ND	0.0500	1	06/03/25	06/03/25	
Total Xylenes	ND	0.0250	1	06/03/25	06/03/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		105 %	70-130	06/03/25	06/03/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2523059	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/25	06/03/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		87.0 %	70-130	06/03/25	06/03/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2523058	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/25	06/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/25	06/03/25	
<i>Surrogate: n-Nonane</i>						
		99.1 %	61-141	06/03/25	06/03/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2523056	
Chloride	477	20.0	1	06/03/25	06/03/25	



## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
6/3/2025 4:16:58PM

## CS2

## E506005-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2523059	
Benzene	ND	0.0250	1	06/03/25	06/03/25	
Ethylbenzene	ND	0.0250	1	06/03/25	06/03/25	
Toluene	ND	0.0250	1	06/03/25	06/03/25	
o-Xylene	ND	0.0250	1	06/03/25	06/03/25	
p,m-Xylene	ND	0.0500	1	06/03/25	06/03/25	
Total Xylenes	ND	0.0250	1	06/03/25	06/03/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	06/03/25	06/03/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2523059	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/25	06/03/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		86.9 %	70-130	06/03/25	06/03/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2523058	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/25	06/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/25	06/03/25	
<i>Surrogate: n-Nonane</i>		99.5 %	61-141	06/03/25	06/03/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2523056	
Chloride	4200	40.0	2	06/03/25	06/03/25	





## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
6/3/2025 4:16:58PM

## CS3

## E506005-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2523059
Benzene	ND	0.0250	1	06/03/25	06/03/25	
Ethylbenzene	ND	0.0250	1	06/03/25	06/03/25	
Toluene	ND	0.0250	1	06/03/25	06/03/25	
o-Xylene	ND	0.0250	1	06/03/25	06/03/25	
p,m-Xylene	ND	0.0500	1	06/03/25	06/03/25	
Total Xylenes	ND	0.0250	1	06/03/25	06/03/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	06/03/25	06/03/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2523059
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/25	06/03/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		97.9 %	70-130	06/03/25	06/03/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2523058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/25	06/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/25	06/03/25	
<i>Surrogate: n-Nonane</i>						
		99.4 %	61-141	06/03/25	06/03/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2523056
Chloride	1780	20.0	1	06/03/25	06/03/25	



## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
6/3/2025 4:16:58PM

## CS4

## E506005-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2523059
Benzene	ND	0.0250	1	06/03/25	06/03/25	
Ethylbenzene	ND	0.0250	1	06/03/25	06/03/25	
Toluene	ND	0.0250	1	06/03/25	06/03/25	
o-Xylene	ND	0.0250	1	06/03/25	06/03/25	
p,m-Xylene	ND	0.0500	1	06/03/25	06/03/25	
Total Xylenes	ND	0.0250	1	06/03/25	06/03/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	06/03/25	06/03/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2523059
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/25	06/03/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		99.2 %	70-130	06/03/25	06/03/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2523058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/25	06/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/25	06/03/25	
<i>Surrogate: n-Nonane</i>						
		99.9 %	61-141	06/03/25	06/03/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2523056
Chloride	3280	40.0	2	06/03/25	06/03/25	



## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
6/3/2025 4:16:58PM

## CSW1

## E506005-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2523059	
Benzene	ND	0.0250	1	06/03/25	06/03/25	
Ethylbenzene	ND	0.0250	1	06/03/25	06/03/25	
Toluene	ND	0.0250	1	06/03/25	06/03/25	
o-Xylene	ND	0.0250	1	06/03/25	06/03/25	
p,m-Xylene	ND	0.0500	1	06/03/25	06/03/25	
Total Xylenes	ND	0.0250	1	06/03/25	06/03/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	06/03/25	06/03/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2523059	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/25	06/03/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.4 %	70-130	06/03/25	06/03/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2523058	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/25	06/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/25	06/03/25	
<i>Surrogate: n-Nonane</i>		102 %	61-141	06/03/25	06/03/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2523056	
Chloride	23.4	20.0	1	06/03/25	06/03/25	



## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
6/3/2025 4:16:58PM

## CSW2

## E506005-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2523059
Benzene	ND	0.0250	1	06/03/25	06/03/25	
Ethylbenzene	ND	0.0250	1	06/03/25	06/03/25	
Toluene	ND	0.0250	1	06/03/25	06/03/25	
o-Xylene	ND	0.0250	1	06/03/25	06/03/25	
p,m-Xylene	ND	0.0500	1	06/03/25	06/03/25	
Total Xylenes	ND	0.0250	1	06/03/25	06/03/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		105 %	70-130	06/03/25	06/03/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2523059
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/25	06/03/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.3 %	70-130	06/03/25	06/03/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2523058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/25	06/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/25	06/03/25	
<i>Surrogate: n-Nonane</i>						
		98.3 %	61-141	06/03/25	06/03/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2523056
Chloride	ND	20.0	1	06/03/25	06/03/25	



## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
6/3/2025 4:16:58PM

## CSW3

## E506005-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2523059	
Benzene	ND	0.0250	1	06/03/25	06/03/25	
Ethylbenzene	ND	0.0250	1	06/03/25	06/03/25	
Toluene	ND	0.0250	1	06/03/25	06/03/25	
o-Xylene	ND	0.0250	1	06/03/25	06/03/25	
p,m-Xylene	ND	0.0500	1	06/03/25	06/03/25	
Total Xylenes	ND	0.0250	1	06/03/25	06/03/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		105 %	70-130	06/03/25	06/03/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2523059	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/25	06/03/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.6 %	70-130	06/03/25	06/03/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2523058	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/25	06/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/25	06/03/25	
<i>Surrogate: n-Nonane</i>						
		104 %	61-141	06/03/25	06/03/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2523056	
Chloride	ND	20.0	1	06/03/25	06/03/25	





## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
6/3/2025 4:16:58PM

## CSW4

## E506005-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2523059
Benzene	ND	0.0250	1	06/03/25	06/03/25	
Ethylbenzene	ND	0.0250	1	06/03/25	06/03/25	
Toluene	ND	0.0250	1	06/03/25	06/03/25	
o-Xylene	ND	0.0250	1	06/03/25	06/03/25	
p,m-Xylene	ND	0.0500	1	06/03/25	06/03/25	
Total Xylenes	ND	0.0250	1	06/03/25	06/03/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		106 %	70-130	06/03/25	06/03/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2523059
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/25	06/03/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		99.3 %	70-130	06/03/25	06/03/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2523058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/25	06/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/25	06/03/25	
<i>Surrogate: n-Nonane</i>						
		106 %	61-141	06/03/25	06/03/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2523056
Chloride	ND	20.0	1	06/03/25	06/03/25	



## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
6/3/2025 4:16:58PM

## CSW5

## E506005-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2523059
Benzene	ND	0.0250	1	06/03/25	06/03/25	
Ethylbenzene	ND	0.0250	1	06/03/25	06/03/25	
Toluene	ND	0.0250	1	06/03/25	06/03/25	
o-Xylene	ND	0.0250	1	06/03/25	06/03/25	
p,m-Xylene	ND	0.0500	1	06/03/25	06/03/25	
Total Xylenes	ND	0.0250	1	06/03/25	06/03/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		106 %	70-130	06/03/25	06/03/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2523059
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/03/25	06/03/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		99.0 %	70-130	06/03/25	06/03/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2523058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/03/25	06/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/03/25	06/03/25	
<i>Surrogate: n-Nonane</i>						
		104 %	61-141	06/03/25	06/03/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2523056
Chloride	ND	20.0	1	06/03/25	06/03/25	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Marwari 28 CTB 1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	6/3/2025 4:16:58PM

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 (2523059-BLK1) Prepared: 06/03/25 Analyzed: 06/03/25

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	8.31		8.00		104	70-130			

LCS (2523059-BS1) Prepared: 06/03/25 Analyzed: 06/03/25

Benzene	4.99	0.0250	5.00		99.9	70-130			
Ethylbenzene	5.02	0.0250	5.00		100	70-130			
Toluene	4.98	0.0250	5.00		99.7	70-130			
o-Xylene	5.00	0.0250	5.00		100	70-130			
p,m-Xylene	9.80	0.0500	10.0		98.0	70-130			
Total Xylenes	14.8	0.0250	15.0		98.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.72		8.00		109	70-130			

Matrix Spike (2523059-MS1) Source: E506005-05 Prepared: 06/03/25 Analyzed: 06/03/25

Benzene	4.83	0.0250	5.00	ND	96.5	70-130			
Ethylbenzene	4.85	0.0250	5.00	ND	97.0	70-130			
Toluene	4.81	0.0250	5.00	ND	96.3	70-130			
o-Xylene	4.82	0.0250	5.00	ND	96.4	70-130			
p,m-Xylene	9.49	0.0500	10.0	ND	94.9	70-130			
Total Xylenes	14.3	0.0250	15.0	ND	95.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.53		8.00		107	70-130			

Matrix Spike Dup (2523059-MSD1) Source: E506005-05 Prepared: 06/03/25 Analyzed: 06/03/25

Benzene	4.72	0.0250	5.00	ND	94.5	70-130	2.13	27	
Ethylbenzene	4.77	0.0250	5.00	ND	95.4	70-130	1.62	26	
Toluene	4.73	0.0250	5.00	ND	94.6	70-130	1.79	20	
o-Xylene	4.75	0.0250	5.00	ND	95.0	70-130	1.53	25	
p,m-Xylene	9.32	0.0500	10.0	ND	93.2	70-130	1.79	23	
Total Xylenes	14.1	0.0250	15.0	ND	93.8	70-130	1.70	26	
Surrogate: 4-Bromochlorobenzene-PID	8.50		8.00		106	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Marwari 28 CTB 1	Reported:  6/3/2025 4:16:58PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

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 (2523059-BLK1) Prepared: 06/03/25 Analyzed: 06/03/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.78		8.00		84.7	70-130			

LCS (2523059-BS2) Prepared: 06/03/25 Analyzed: 06/03/25

Gasoline Range Organics (C6-C10)	42.7	20.0	50.0		85.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.06		8.00		88.2	70-130			

Matrix Spike (2523059-MS2) Source: E506005-05 Prepared: 06/03/25 Analyzed: 06/03/25

Gasoline Range Organics (C6-C10)	46.1	20.0	50.0	ND	92.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.27		8.00		90.9	70-130			

Matrix Spike Dup (2523059-MSD2) Source: E506005-05 Prepared: 06/03/25 Analyzed: 06/03/25

Gasoline Range Organics (C6-C10)	46.8	20.0	50.0	ND	93.7	70-130	1.49	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.94		8.00		86.8	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Marwari 28 CTB 1	Reported:  6/3/2025 4:16:58PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

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 (2523058-BLK1)					Prepared: 06/03/25 Analyzed: 06/03/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.6		50.0		103	61-141			

LCS (2523058-BS1)					Prepared: 06/03/25 Analyzed: 06/03/25				
Diesel Range Organics (C10-C28)	266	25.0	250		106	66-144			
Surrogate: n-Nonane	52.0		50.0		104	61-141			

Matrix Spike (2523058-MS1)					Source: E506005-02		Prepared: 06/03/25 Analyzed: 06/03/25		
Diesel Range Organics (C10-C28)	270	25.0	250	ND	108	56-156			
Surrogate: n-Nonane	52.5		50.0		105	61-141			

Matrix Spike Dup (2523058-MSD1)					Source: E506005-02		Prepared: 06/03/25 Analyzed: 06/03/25		
Diesel Range Organics (C10-C28)	265	25.0	250	ND	106	56-156	1.87	20	
Surrogate: n-Nonane	51.0		50.0		102	61-141			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Marwari 28 CTB 1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	6/3/2025 4:16:58PM

Anions by EPA 300.0/9056A

Analyst: RAS

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 (2523056-BLK1)					Prepared: 06/03/25 Analyzed: 06/03/25				
Chloride	ND	20.0							
LCS (2523056-BS1)					Prepared: 06/03/25 Analyzed: 06/03/25				
Chloride	256	20.0	250		102	90-110			
Matrix Spike (2523056-MS1)					Source: E506005-05		Prepared: 06/03/25 Analyzed: 06/03/25		
Chloride	276	20.0	250	23.4	101	80-120			
Matrix Spike Dup (2523056-MSD1)					Source: E506005-05		Prepared: 06/03/25 Analyzed: 06/03/25		
Chloride	278	20.0	250	23.4	102	80-120	0.929	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:	Marwari 28 CTB 1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	06/03/25 16:16

- 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: Devon		Lab WO#		Job Number		1D 2D 3D Std		NM CO UT TX						
Project Name: Marwari 28 CTB 1				Address:		E 5054005		01058-0007		X		X						
Project Manager: Gio Gomez				City, State, Zip:														
Address: 5614 North Lovington Hwy				Phone:														
City, State, Zip: Hobbs, NM 88240				Email:														
Phone: 806-782-1151				Project # 139-3														
Email: Gio@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	TCEQ 1005-TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA
10:15	5/30/2025	S		CS1		1								X		4.4		
10:17	5/30/2025	S		CS2		2								X		3.8		
10:25	5/30/2025	S		CS3		3								X		4.1		
10:32	5/30/2025	S		CS4		4								X		4.8		
10:45	5/30/2025	S		CSW1		5								X		2.7		
11:00	5/30/2025	S		CSW2		6								X		4.1		
11:19	5/30/2025	S		CSW3		7								X		3.3		
11:28	5/30/2025	S		CSW4		8								X		2.8		
11:37	5/30/2025	S		CSW5		9								X		3.6		
Additional Instructions: BILLING# 21161793																		
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="radio"/> Y <input type="radio"/> N						
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time								
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time								
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time								
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.																		

## Envirotech Analytical Laboratory

Printed: 6/3/2025 8:58:27AM

## 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:	06/03/25 08:00	Work Order ID:	E506005
Phone:	(575) 631-6977	Date Logged In:	06/02/25 14:52	Logged In By:	Caitlin Mars
Email:	gio@pimaoil.com	Due Date:	06/03/25 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? 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.

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: Marwari 28 CTB 1

Work Order: E506031

Job Number: 01058-0007

Received: 6/6/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
6/6/25

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



Date Reported: 6/6/25

Gio Gomez  
PO Box 247  
Plains, TX 79355-0247



Project Name: Marwari 28 CTB 1  
Workorder: E506031  
Date Received: 6/6/2025 6:45:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/6/2025 6:45:00AM, under the Project Name: Marwari 28 CTB 1.

The analytical test results summarized in this report with the Project Name: Marwari 28 CTB 1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues 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,

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Marwari 28 CTB 1	Reported:  06/06/25 14:54
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Backfill 1	E506031-01A	Soil	06/04/25	06/06/25	Glass Jar, 2 oz.
Backfill 2	E506031-02A	Soil	06/04/25	06/06/25	Glass Jar, 2 oz.



## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
6/6/2025 2:54:59PM

### Backfill 1

**E506031-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2523141	
Benzene	ND	0.0250	1	06/06/25	06/06/25	
Ethylbenzene	ND	0.0250	1	06/06/25	06/06/25	
Toluene	ND	0.0250	1	06/06/25	06/06/25	
o-Xylene	ND	0.0250	1	06/06/25	06/06/25	
p,m-Xylene	ND	0.0500	1	06/06/25	06/06/25	
Total Xylenes	ND	0.0250	1	06/06/25	06/06/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.3 %	70-130	06/06/25	06/06/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2523141	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/06/25	06/06/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.0 %	70-130	06/06/25	06/06/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KH		Batch: 2523135	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/06/25	06/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/06/25	06/06/25	
<i>Surrogate: n-Nonane</i>		96.9 %	61-141	06/06/25	06/06/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2523140	
Chloride	ND	20.0	1	06/06/25	06/06/25	



## Sample Data

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

Project Name: Marwari 28 CTB 1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
6/6/2025 2:54:59PM

## Backfill 2

## E506031-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2523141
Benzene	ND	0.0250	1	06/06/25	06/06/25	
Ethylbenzene	ND	0.0250	1	06/06/25	06/06/25	
Toluene	ND	0.0250	1	06/06/25	06/06/25	
o-Xylene	ND	0.0250	1	06/06/25	06/06/25	
p,m-Xylene	ND	0.0500	1	06/06/25	06/06/25	
Total Xylenes	ND	0.0250	1	06/06/25	06/06/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	06/06/25	06/06/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2523141
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/06/25	06/06/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		102 %	70-130	06/06/25	06/06/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2523135
Diesel Range Organics (C10-C28)	ND	25.0	1	06/06/25	06/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/06/25	06/06/25	
<i>Surrogate: n-Nonane</i>						
		99.5 %	61-141	06/06/25	06/06/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2523140
Chloride	ND	20.0	1	06/06/25	06/06/25	





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Marwari 28 CTB 1	Reported:  6/6/2025 2:54:59PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Volatile Organics by EPA 8021B

Analyst: SL

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 (2523141-BLK1) Prepared: 06/06/25 Analyzed: 06/06/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.11		8.00		88.9	70-130			

LCS (2523141-BS1) Prepared: 06/06/25 Analyzed: 06/06/25

Benzene	5.03	0.0250	5.00		101	70-130			
Ethylbenzene	4.98	0.0250	5.00		99.6	70-130			
Toluene	5.02	0.0250	5.00		100	70-130			
o-Xylene	4.99	0.0250	5.00		99.8	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.1	0.0250	15.0		101	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.52		8.00		94.0	70-130			

Matrix Spike (2523141-MS1) Source: E506032-03 Prepared: 06/06/25 Analyzed: 06/06/25

Benzene	5.20	0.0250	5.00	ND	104	70-130			
Ethylbenzene	5.13	0.0250	5.00	ND	103	70-130			
Toluene	5.18	0.0250	5.00	ND	104	70-130			
o-Xylene	5.10	0.0250	5.00	ND	102	70-130			
p,m-Xylene	10.4	0.0500	10.0	ND	104	70-130			
Total Xylenes	15.5	0.0250	15.0	ND	103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.32		8.00		91.5	70-130			

Matrix Spike Dup (2523141-MSD1) Source: E506032-03 Prepared: 06/06/25 Analyzed: 06/06/25

Benzene	5.90	0.0250	5.00	ND	118	70-130	12.5	27	
Ethylbenzene	5.82	0.0250	5.00	ND	116	70-130	12.6	26	
Toluene	5.87	0.0250	5.00	ND	117	70-130	12.5	20	
o-Xylene	5.78	0.0250	5.00	ND	116	70-130	12.4	25	
p,m-Xylene	11.8	0.0500	10.0	ND	118	70-130	12.4	23	
Total Xylenes	17.5	0.0250	15.0	ND	117	70-130	12.4	26	
Surrogate: 4-Bromochlorobenzene-PID	7.36		8.00		92.0	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Marwari 28 CTB 1	Reported:  6/6/2025 2:54:59PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

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 (2523141-BLK1) Prepared: 06/06/25 Analyzed: 06/06/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.61		8.00		95.1	70-130			

LCS (2523141-BS2) Prepared: 06/06/25 Analyzed: 06/06/25

Gasoline Range Organics (C6-C10)	50.2	20.0	50.0		100	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.81		8.00		97.6	70-130			

Matrix Spike (2523141-MS2) Source: E506032-03 Prepared: 06/06/25 Analyzed: 06/06/25

Gasoline Range Organics (C6-C10)	48.0	20.0	50.0	ND	96.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.77		8.00		97.1	70-130			

Matrix Spike Dup (2523141-MSD2) Source: E506032-03 Prepared: 06/06/25 Analyzed: 06/06/25

Gasoline Range Organics (C6-C10)	46.2	20.0	50.0	ND	92.3	70-130	3.98	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.83		8.00		97.8	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Marwari 28 CTB 1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	6/6/2025 2:54:59PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

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 (2523135-BLK1)					Prepared: 06/06/25 Analyzed: 06/06/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.2		50.0		102	61-141			

LCS (2523135-BS1)					Prepared: 06/06/25 Analyzed: 06/06/25				
Diesel Range Organics (C10-C28)	245	25.0	250		97.8	66-144			
Surrogate: n-Nonane	49.7		50.0		99.4	61-141			

Matrix Spike (2523135-MS1)					Source: E506031-01		Prepared: 06/06/25 Analyzed: 06/06/25		
Diesel Range Organics (C10-C28)	256	25.0	250	ND	102	56-156			
Surrogate: n-Nonane	49.0		50.0		98.0	61-141			

Matrix Spike Dup (2523135-MSD1)					Source: E506031-01		Prepared: 06/06/25 Analyzed: 06/06/25		
Diesel Range Organics (C10-C28)	251	25.0	250	ND	101	56-156	1.78	20	
Surrogate: n-Nonane	49.3		50.0		98.5	61-141			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Marwari 28 CTB 1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	6/6/2025 2:54:59PM

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 (2523140-BLK1)					Prepared: 06/06/25 Analyzed: 06/06/25				
Chloride	ND	20.0							
LCS (2523140-BS1)					Prepared: 06/06/25 Analyzed: 06/06/25				
Chloride	256	20.0	250		102	90-110			
Matrix Spike (2523140-MS1)					Source: E506031-02		Prepared: 06/06/25 Analyzed: 06/06/25		
Chloride	259	20.0	250	ND	104	80-120			
Matrix Spike Dup (2523140-MSD1)					Source: E506031-02		Prepared: 06/06/25 Analyzed: 06/06/25		
Chloride	259	20.0	250	ND	104	80-120	0.180	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:	Marwari 28 CTB 1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	06/06/25 14:54

- 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: Devon		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX				
Project Name: Marwari 28 CTB 1				Address:		E 506031	0058-0007					X							
Project Manager: Gio Gomez				City, State, Zip:															
Address: 5614 North Lovington Hwy				Phone:															
City, State, Zip: Hobbs, NM 88240				Email:															
Phone: 806-782-1151				Project # 139-3															
Email: Gio@pimaoil.com																			
Sample Information						Analysis and Method								EPA Program					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filtered	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
2:05	6/4/2025	S		Backfill 1		1									X				
2:14	6/4/2025	S		Backfill 2		2									X				
Additional Instructions: BILLING# 21161793																			
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) Andrew Franco				Date 6/4/25		Time 4:00		Received by: (Signature) Karime Adams				Date 6/9/25		Time 9:00		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: <input checked="" type="radio"/> Y / <input type="radio"/> N			
Relinquished by: (Signature) Karime Adams				Date 6/5/25		Time 9:20		Received by: (Signature) Michelle Gonzales				Date 6-5-25		Time 0920					
Relinquished by: (Signature) Michelle Gonzales				Date 6-5-25		Time 11015		Received by: (Signature) [Signature]				Date 6-5-25		Time 1115					
Relinquished by: (Signature) [Signature]				Date 6-5-25		Time 2330		Received by: (Signature) Noe Soto				Date 6-6-25		Time 0645					
Relinquished by: (Signature) [Signature]				Date 6-5-25		Time 2330		Received by: (Signature) [Signature]				Date 6-6-25		Time 0645					
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: 6/6/2025 8:39:32AM

## 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:	06/06/25 06:45	Work Order ID:	E506031
Phone:	(575) 631-6977	Date Logged In:	06/05/25 14:47	Logged In By:	Caitlin Mars
Email:	gio@pimaoil.com	Due Date:	06/06/25 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? 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.

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

General Information  
Phone: (505) 629-6116

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

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

QUESTIONS

Action 478214

**QUESTIONS**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 478214
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2509723423
Incident Name	NAPP2509723423 MARWARI 28 CTB 1 @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP2130555386] MARWARI 28 CTB 1

**Location of Release Source***Please answer all the questions in this group.*

Site Name	MARWARI 28 CTB 1
Date Release Discovered	04/06/2025
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: Corrosion   Fitting   Produced Water   Released: 10 BBL   Recovered: 9 BBL   Lost: 1 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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

General Information  
Phone: (505) 629-6116

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

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

QUESTIONS, Page 2

Action 478214

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 478214
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	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: James Raley Title: EHS Professional Email: jim.ralej@dv.com Date: 06/24/2025
----------------------------------------------------	---------------------------------------------------------------------------------------------

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**Oil Conservation Division**  
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QUESTIONS, Page 3

Action 478214

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 478214
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Site Characterization</b>	
<i>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.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (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	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between ½ and 1 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

<b>Remediation Plan</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>	
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
<b>Soil Contamination Sampling:</b> (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	13100
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<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>	
On what estimated date will the remediation commence	05/22/2025
On what date will (or did) the final sampling or liner inspection occur	05/30/2025
On what date will (or was) the remediation complete(d)	06/20/2025
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	354
What is the estimated volume (in cubic yards) that will be remediated	27
<i>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.</i>	
<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 4

Action 478214

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 478214
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**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	HALFWAY DISPOSAL AND LANDFILL [FEEM0112334510]
<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	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<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: James Raley Title: EHS Professional Email: jim.raley@dmv.com Date: 06/24/2025
<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 478214

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 478214
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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 478214

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 478214
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

Sampling Event Information	
Last sampling notification (C-141N) recorded	467966
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/30/2025
What was the (estimated) number of samples that were to be gathered	9
What was the sampling surface area in square feet	354

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
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	354
What was the total volume (cubic yards) remediated	27
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	incident, NAPP2509723423, be closed. Devon has complied with the applicable closure requirements set forth in 19.15.29.12 NMAC
<i>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>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 06/24/2025

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QUESTIONS, Page 7  
  
Action 478214

QUESTIONS (continued)

Operator:  DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:  6137
	Action Number:  478214
	Action Type:  [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 478214

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 478214
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #NAPP2509723423 MARWARI 28 CTB 1, thank you. This Remediation Closure Report is approved.	7/31/2025