



# SITE ASSESSMENT, REMEDIATION, RECLAMATION, AND CLOSURE REPORT

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PREPARED FOR:  
DEVON ENERGY PRODUCTION, LP.

PREPARED BY:  
PIMA ENVIRONMENTAL SERVICES, LLC.

April 17, 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, RECLAMATION AND CLOSURE REPORT

**LOCATION:** Marwari 28 CTB 1

**FACILITY ID:** fAPP2130555386

**GPS:** 32.105689, -103.687812

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

**COUNTY:** Lea

**NMOCD REF. NO.** NAPP2312128151

Pima Environmental Services LLC. (Pima) has been contracted by Devon Energy Production Company, LP (Devon) to prepare this Site Assessment, Remediation, Reclamation, and Closure Report for a produced water release that occurred at the Marwari 28 CTB 1 (Marwari). This incident was assigned Incident ID: NAPP2312128151, by the New Mexico Oil Conservation Division (NMOCD).

**RELEASE INFORMATION**

**NAPP2312128151:** On April 29, 2023, Lease Operator received a call that there was produced water on the ground. There was a hole in the bottom of a 6-inch water line from the 3-phases to the gun barrel. Well was shut in to stop leak. Fluids did not leave the location. The released fluids were calculated to be approximately 7 barrels (bbls) of produced water. A vacuum truck was able to recover 3 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. 32.1056893 Longitude -103.687812, 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.



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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 0.06 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 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 NAPP2312128151 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 May 4, 2023, Pima mobilized personnel to the site to begin collecting soil samples from the spill area in effort to delineate. Seven (7) bottom samples were collected from depth intervals of 1', 2', 3', and 4' below ground surface (BGS) from sample points labeled S-1 through S-7. Eight (8) sidewall samples were collected from depth intervals of surface, 1', 2', 3', and 4' below ground surface (BGS) and labeled SW-1 through SW-8. 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 March 31, 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 surface staining. Areas S-1 through S-7 were excavated to a depth of six inches (6") below ground surface to remediate surface staining. The total square footage excavated was 6,150 square feet totaling approximately 114 cubic yards. An Excavation Map can be found in Figure 6 for reference. The staining material was sufficiently removed then transported to OWL Landfill, an NMOC approved disposal site. See Appendix D for Photographic Documentation.

On April 4, 2025, after sending a 48-hour notification, application ID: 447732 (Appendix C), Pima returned to the site to collect confirmation samples of the area. A total of thirty-one (31) bottom composite samples were collected from the base of the excavation labeled CS1 through CS31 at a depth of 6 inches. A Total of sixteen (16) sidewall samples were collected and labeled CSW1 through CSW16. The collected samples not exceeding a 200 square foot area from the base and walls of the excavated areas. A total of forty-seven (47) 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 April 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 NMOC Closure Criteria 19.15.29 NMAC. Therefore, no further remediation is necessary.



## PROPOSED RECLAMATION ACTIONS

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

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

- All surface equipment, tanks, and piping, along with all trash, junk, and debris, will be removed for the Site location and transported for reuse, recycling, or disposal as Resources Conservation and Recovery Act (RCRA- Exempt E&P Waste at an NMOCD-approved facility.
- Stained or discolored areas found during historical imagery search or reclamation activities will be assessed by collecting samples for submission to an analytical laboratory to analyze chloride and TPH. Soils identified with Total Petroleum Hydrocarbons (TPH), or chloride impacts above NMOCD reclamation requirements will be reclaimed according to NMOCD standards.
- Any removed known or suspected contaminated soil will be transported to an NMOCD-approved facility for disposal as RCRA Exempt Waste.
- Upon completion of any excavation of known or suspected impacted material, composite confirmation samples will be collected from the excavation floor and sidewalls, with each sample representing an area of no more than 200 square feet following sampling protocols set out in 19.15.29 NMAC.
- Upon receipt of any laboratory analytical results from confirmation soil samples demonstrating constituent contaminant levels are equal to or below NMOCD Closure Criteria, any excavated areas will be backfilled with locally sourced clean soil.
- Surface caliche and previously imported base aggregate will be scraped and removed from the site's surface using mechanical equipment and associated roads. The removed aggregate materials are anticipated to be reused to maintain nearby active well pads and lease roads.
- The Site will have topsoil replaced and graded to match surrounding topography, then ripped, bermed, or water-barred to stabilize and control erosion and seeded with the appropriate NMSLO-approved seed mixture based on existing soil type at each location.
- Lease Roads will have topsoil replaced, then ripped, bermed back to in-use lease roads, water barred and seeded with NMSLO-approved seed mixture for the location soil type.
- Reclamation activities are expected to be completed within 90 days of NMSLO approval of a Site Assessment and Reclamation Work Plan.
- Withing 30 days or at the beginning of the next favorable growing season following these completed reclamation activities, each Reclamation Site location will be seeded via hand broadcast at double the drill seeding rate as prescribed in NMSLO Seed Mix application guidelines.





## RESTORATION, RECLAMATION, AND REVEGETATION

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

### **Preparation and Seeding**

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

### **Traffic Control and Access Restriction**

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

### **Vegetation Monitoring**

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

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

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

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

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



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

## SCHEDULE

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

## CONCLUSION

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

## CLOSURE REQUEST

After careful review, on behalf of Devon, Pima requests that this incident, NAPP2312128151, 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 nAPP2312128151 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.raley@dnv.com](mailto:jim.raley@dnv.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



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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



## FIGURES

- 1- Location Map
- 2- Topographic Map
- 3- Karst Map
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# Marwari 28 CTB 1

Devon Energy  
Facility ID: fAPP2130555386  
Lea County, NM  
Location Map  
NAPP2312128151

## Legend

-  23.94 Miles SE of Malaga
-  Marwari 28 CTB 1




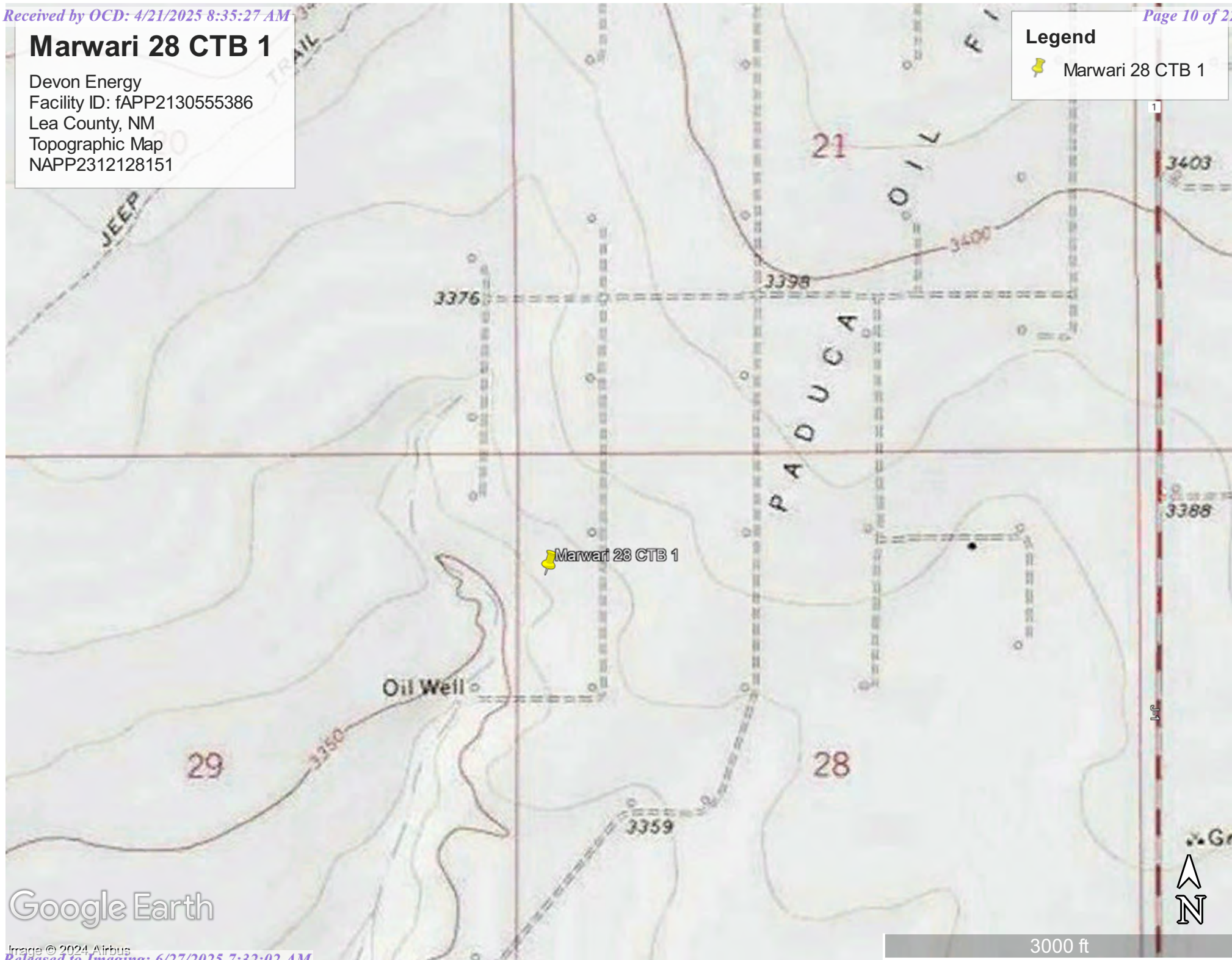


# Marwari 28 CTB 1

Devon Energy  
Facility ID: fAPP2130555386  
Lea County, NM  
Topographic Map  
NAPP2312128151

## Legend

 Marwari 28 CTB 1



Google Earth





Image © 2024 Airbus

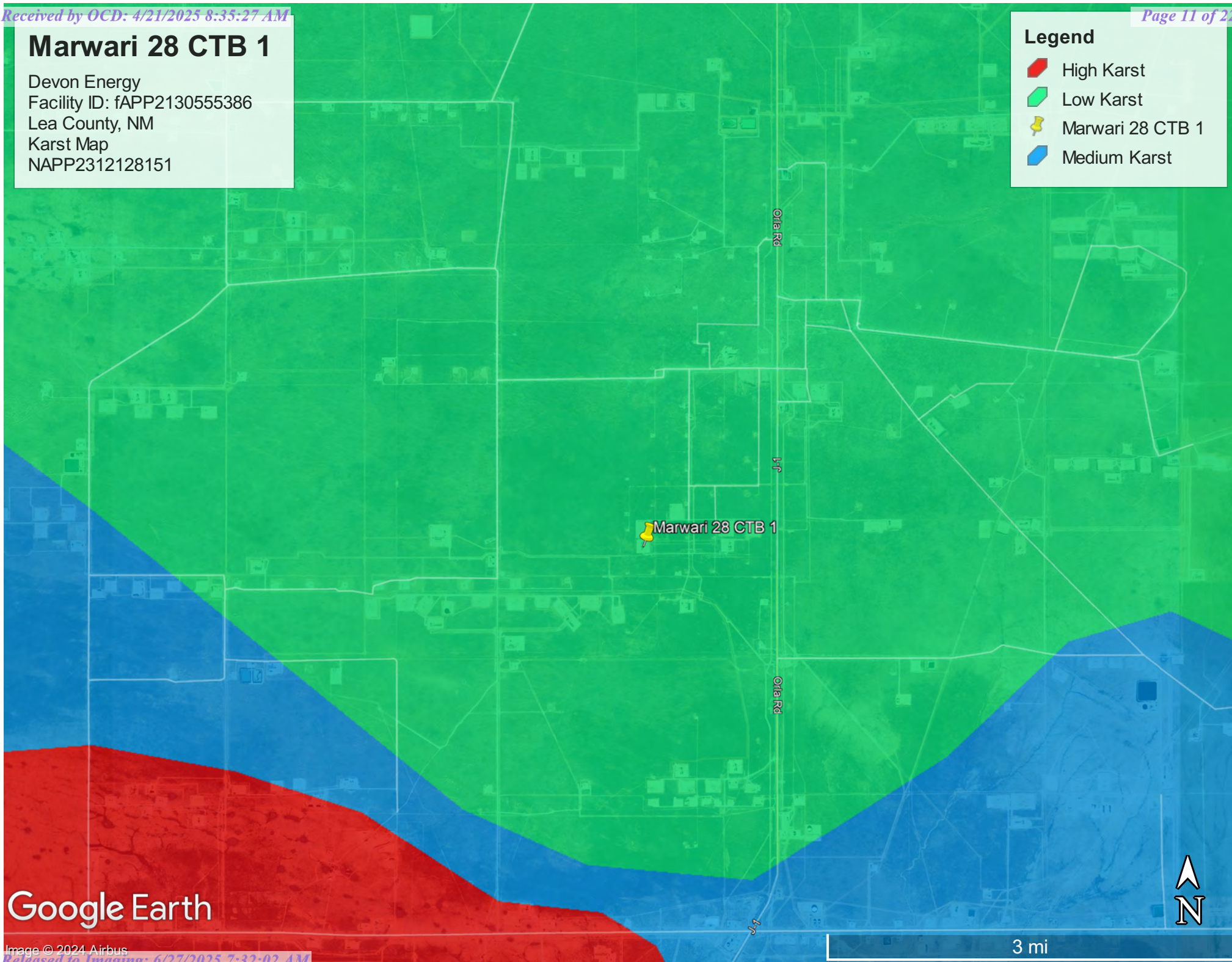


# Marwari 28 CTB 1

Devon Energy  
Facility ID: fAPP2130555386  
Lea County, NM  
Karst Map  
NAPP2312128151

## Legend

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



Google Earth

# INITIAL ASSESSMENT DATA TABLES



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| NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100') |                 |                                |               |           |           |           |                 |          |
|--|-----------------|--------------------------------|---------------|-----------|-----------|-----------|-----------------|----------|
| DEVON ENERGY -MARWARI 28 CTB 1-NAPP2312128151                                  |                 |                                |               |           |           |           |                 |          |
| Date: 5/4/23   |                 | NM Approved Laboratory Results |               |           |           |           |                 |          |
| Sample ID  | Depth (BGS)     | BTEX mg/kg                     | Benzene mg/kg | GRO mg/kg | DRO mg/kg | MRO mg/kg | Total TPH mg/kg | Cl mg/kg |
| S-1  | 1'              | ND                             | ND            | ND        | ND        | ND        | 0               | 1060     |
|  | 2'              | ND                             | ND            | ND        | ND        | ND        | 0               | 340      |
|  | 3'              | ND                             | ND            | ND        | ND        | ND        | 0               | 144      |
|  | 4'              | ND                             | ND            | ND        | ND        | ND        | 0               | 34.1     |
| S-2  | 1'              | ND                             | ND            | ND        | ND        | ND        | 0               | 582      |
|  | 2'              | ND                             | ND            | ND        | ND        | ND        | 0               | 337      |
|  | 3'              | ND                             | ND            | ND        | ND        | ND        | 0               | 145      |
|  | 4'              | ND                             | ND            | ND        | ND        | ND        | 0               | 39.1     |
| S-3  | 1'              | ND                             | ND            | ND        | ND        | ND        | 0               | 598      |
|  | 2'              | ND                             | ND            | ND        | ND        | ND        | 0               | 394      |
|  | 3'              | ND                             | ND            | ND        | ND        | ND        | 0               | 158      |
|  | 4'              | ND                             | ND            | ND        | ND        | ND        | 0               | 36.7     |
| S-4  | 1'              | ND                             | ND            | ND        | ND        | ND        | 0               | 604      |
|  | 2'              | ND                             | ND            | ND        | ND        | ND        | 0               | 327      |
|  | 3'              | ND                             | ND            | ND        | ND        | ND        | 0               | 178      |
|  | 4'              | ND                             | ND            | ND        | ND        | ND        | 0               | 107      |
| S-5  | 1'              | ND                             | ND            | ND        | ND        | ND        | 0               | 912      |
|  | 2'              | ND                             | ND            | ND        | ND        | ND        | 0               | 316      |
|  | 3'              | ND                             | ND            | ND        | ND        | ND        | 0               | 155      |
|  | 4'              | ND                             | ND            | ND        | ND        | ND        | 0               | 27.3     |
| S-6  | 1'              | ND                             | ND            | ND        | ND        | ND        | 0               | 612      |
|  | 2'              | ND                             | ND            | ND        | ND        | ND        | 0               | 335      |
|  | 3'              | ND                             | ND            | ND        | ND        | ND        | 0               | 144      |
|  | 4'              | ND                             | ND            | ND        | ND        | ND        | 0               | 114      |
| S-7  | 1'              | ND                             | ND            | ND        | ND        | ND        | 0               | 867      |
|  | 2'              | ND                             | ND            | ND        | ND        | ND        | 0               | 273      |
|  | 3'              | ND                             | ND            | ND        | ND        | ND        | 0               | 154      |
|  | 4'              | ND                             | ND            | ND        | ND        | ND        | 0               | 121      |
| SW 1   | Surface-4' Comp | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
| SW 2   | Surface-4' Comp | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
| SW 3   | Surface-4' Comp | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
| SW 4   | Surface-4' Comp | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
| SW 5   | Surface-4' Comp | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
| SW 6   | Surface-4' Comp | ND                             | ND            | ND        | ND        | ND        | 0               | ND       |
| SW 7   | Surface-4' Comp | 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-NAPP2312128151                                  |                    |                                |                  |              |              |              |                    |             |
| Date: 5/4/23   |                    | NM Approved Laboratory Results |                  |              |              |              |                    |             |
| Sample ID  | Depth (BGS)        | BTEX<br>mg/kg                  | Benzene<br>mg/kg | GRO<br>mg/kg | DRO<br>mg/kg | MRO<br>mg/kg | Total TPH<br>mg/kg | CI<br>mg/kg |
| SW 8   | Surface-4'<br>Comp | ND                             | ND               | ND           | ND           | ND           | 0                  | ND          |
| BG 1   | 1'                 | ND                             | ND               | ND           | ND           | ND           | 0                  | ND          |



# BACKFILL SAMPLES ASSESSMENT DATA TABLES



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| NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51'-100') |             |                                |               |           |           |           |                 |          |
|---|-------------|--------------------------------|---------------|-----------|-----------|-----------|-----------------|----------|
| DEVON ENERGY Marwari 28 CTB 1-NAPP2312128151                                    |             |                                |               |           |           |           |                 |          |
| Date: 4-4-25  |             | 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 | Cl mg/kg |
| Backfill 2  | 1'          | ND                             | ND            | ND        | ND        | ND        | ND              | ND       |
| Backfill 3  | 1'          | ND                             | ND            | ND        | ND        | ND        | ND              | ND       |
| Backfill 4  | 1'          | ND                             | ND            | ND        | ND        | ND        | ND              | ND       |

# CONFIRMATION SAMPLE DATA TABLES



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|---|-----------------|--------------------------------|---------------|-----------|-----------|-----------|-----------------|----------|
| DEVON ENERGY Marwari 28 CTB 1-NAPP2312128151                                    |                 |                                |               |           |           |           |                 |          |
| Date: 4-4-25  |                 | 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 | Cl mg/kg |
| CS1   | 6" COMP         | ND                             | ND            | ND        | ND        | ND        | ND              | 1490     |
| CS2   | 6" COMP         | 0.0266                         | ND            | ND        | 80        | 30        | 110             | 460      |
| CS3   | 6" COMP         | ND                             | ND            | ND        | ND        | ND        | ND              | 680      |
| CS4   | 6" COMP         | ND                             | ND            | ND        | ND        | ND        | ND              | 140      |
| CS5   | 6" COMP         | ND                             | ND            | ND        | ND        | ND        | ND              | 577      |
| CS6   | 6" COMP         | ND                             | ND            | ND        | ND        | ND        | ND              | 136      |
| CS7   | 6" COMP         | ND                             | ND            | ND        | ND        | ND        | ND              | 695      |
| CS8   | 6" COMP         | ND                             | ND            | ND        | ND        | ND        | ND              | 460      |
| CS9   | 6" COMP         | ND                             | ND            | ND        | ND        | ND        | ND              | 170      |
| CS10  | 6" COMP         | ND                             | ND            | ND        | 11        | 9         | 20              | 620      |
| CS11  | 6" COMP         | ND                             | ND            | ND        | 10        | 3.4       | 13.4            | 350      |
| CS12  | 6" COMP         | ND                             | ND            | ND        | 21        | 18        | 39              | 720      |
| CS13  | 6" COMP         | ND                             | ND            | ND        | ND        | ND        | ND              | 354      |
| CS14  | 6" COMP         | ND                             | ND            | ND        | 38        | 45        | 83              | 820      |
| CS15  | 6" COMP         | ND                             | ND            | ND        | ND        | ND        | ND              | 570      |
| CS16  | 6" COMP         | ND                             | ND            | ND        | ND        | ND        | ND              | 180      |
| CS17  | 6" COMP         | ND                             | ND            | ND        | ND        | ND        | ND              | 430      |
| CS18  | 6" COMP         | ND                             | ND            | ND        | ND        | ND        | ND              | 580      |
| CS19  | 6" COMP         | ND                             | ND            | ND        | 77.2      | ND        | 77.2            | 630      |
| CS20  | 6" COMP         | ND                             | ND            | ND        | ND        | ND        | ND              | 160      |
| CS21  | 6" COMP         | ND                             | ND            | ND        | 35        | 17        | 52              | 230      |
| CS22  | 6" COMP         | ND                             | ND            | ND        | 36        | ND        | 36              | 333      |
| CS23  | 6" COMP         | ND                             | ND            | ND        | 38        | 16        | 54              | 423      |
| CS24  | 6" COMP         | ND                             | ND            | ND        | ND        | ND        | ND              | 410      |
| CS25  | 6" COMP         | ND                             | ND            | ND        | ND        | ND        | ND              | 540      |
| CS26  | 6" COMP         | ND                             | ND            | ND        | 32.1      | ND        | 32.1            | 180      |
| CS27  | 6" COMP         | ND                             | ND            | ND        | ND        | ND        | ND              | 165      |
| CS28  | 6" COMP         | ND                             | ND            | ND        | 16        | 3.4       | 19.4            | 550      |
| CS29  | 6" COMP         | ND                             | ND            | ND        | ND        | ND        | ND              | 464      |
| CS30  | 6" COMP         | ND                             | ND            | ND        | 76        | 44        | 120             | 353      |
| CS31  | 6" COMP         | ND                             | ND            | ND        | 9.2       | 3         | 12.2            | 420      |
| CSW1  | Surface-6" COMP | ND                             | ND            | ND        | 9.7       | 9         | 18.7            | 173      |
| CSW2  | Surface-6" COMP | ND                             | ND            | ND        | ND        | ND        | ND              | 103      |
| CSW3  | Surface-6" COMP | ND                             | ND            | ND        | ND        | ND        | ND              | 30       |
| CSW4  | Surface-6" COMP | ND                             | ND            | ND        | ND        | ND        | ND              | 179      |
| CSW5  | Surface-6" COMP | ND                             | ND            | ND        | ND        | ND        | ND              | 193      |
| CSW6  | Surface-6" COMP | ND                             | ND            | ND        | ND        | ND        | ND              | 63       |




| NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51'-100') |                 |                                |               |           |           |           |                 |          |
|---|-----------------|--------------------------------|---------------|-----------|-----------|-----------|-----------------|----------|
| DEVON ENERGY Marwari 28 CTB 1-NAPP2312128151                                    |                 |                                |               |           |           |           |                 |          |
| Date: 4-4-25  |                 | 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 | Cl mg/kg |
| CSW7  | Surface-6" COMP | ND                             | ND            | ND        | ND        | ND        | ND              | 15       |
| CSW8  | Surface-6" COMP | ND                             | ND            | ND        | ND        | ND        | ND              | 26       |
| CSW9  | Surface-6" COMP | ND                             | ND            | ND        | 2.6       | ND        | 2.6             | 40       |
| CSW10   | Surface-6" COMP | ND                             | ND            | ND        | 3         | 3.9       | 6.9             | 20       |
| CSW11   | Surface-6" COMP | ND                             | ND            | ND        | ND        | ND        | ND              | 150      |
| CSW12   | Surface-6" COMP | ND                             | ND            | ND        | 24        | 24        | 48              | 70       |
| CSW13   | Surface-6" COMP | ND                             | ND            | ND        | 19        | 10        | 29              | 60       |
| CSW14   | Surface-6" COMP | ND                             | ND            | ND        | ND        | ND        | ND              | 80       |
| CSW15   | Surface-6" COMP | ND                             | ND            | ND        | 8.3       | ND        | 8.3             | 39       |
| CSW16   | Surface-6" COMP | ND                             | ND            | ND        | ND        | ND        | ND              | 110      |

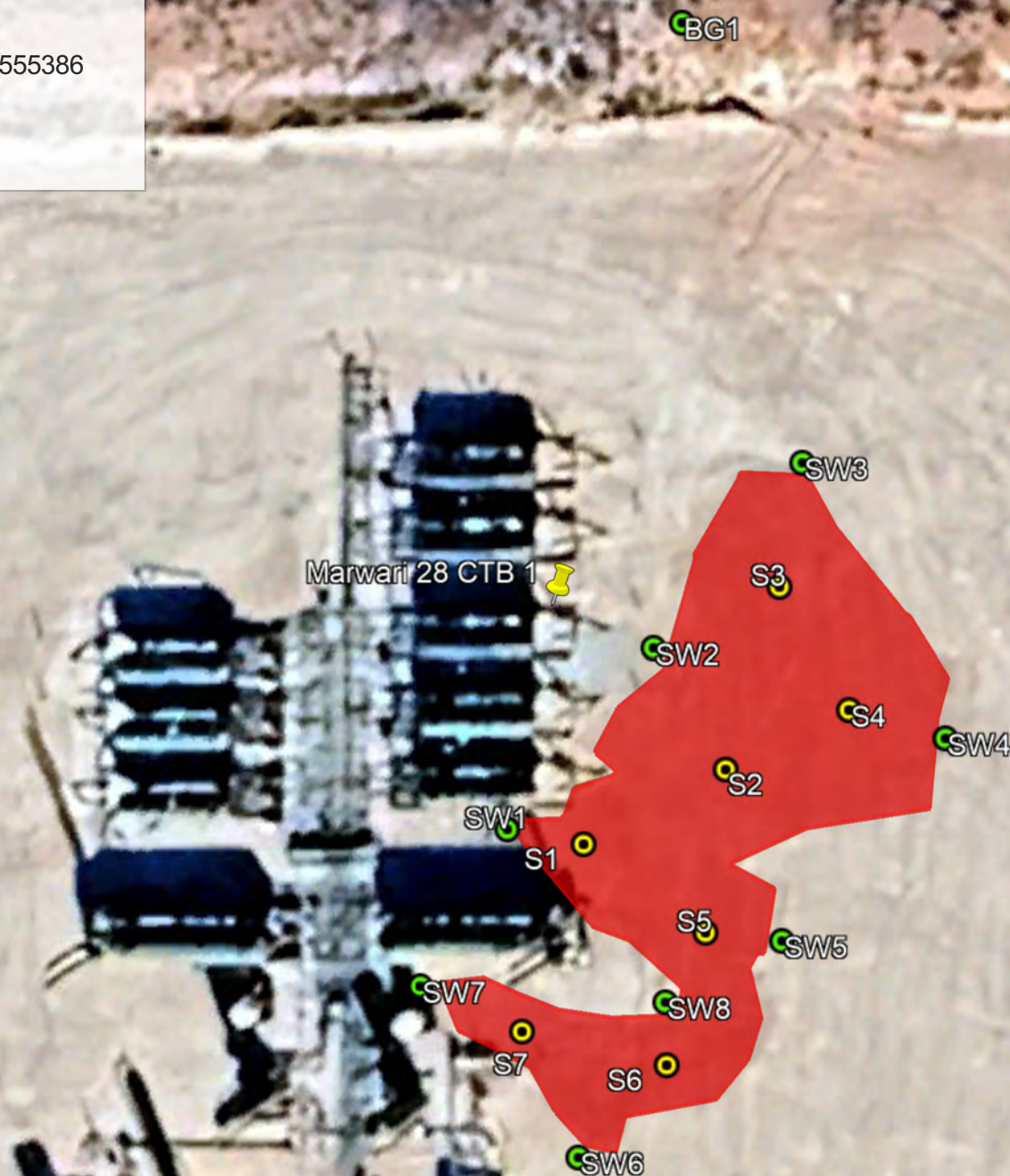


# Marwari 28 CTB 1

Devon Energy  
Facility ID: fAPP2130555386  
Lea County, NM  
Site Map  
NAPP2312128151

## Legend

-  Samples
-  Sidewall/Background Samples
-  Spill Area 6,150 Sqft



Google Earth







## Marwari 28 CTB 1

Devon Energy  
Facility ID: fAPP2130555386  
Lea County, NM  
Proposed Excavation Map  
NAPP2312128151

### Legend

-  Marwari 28 CTB 1
-  Proposed Excavation Area- 6 inches

Marwari 28 CTB 1 



Google Earth



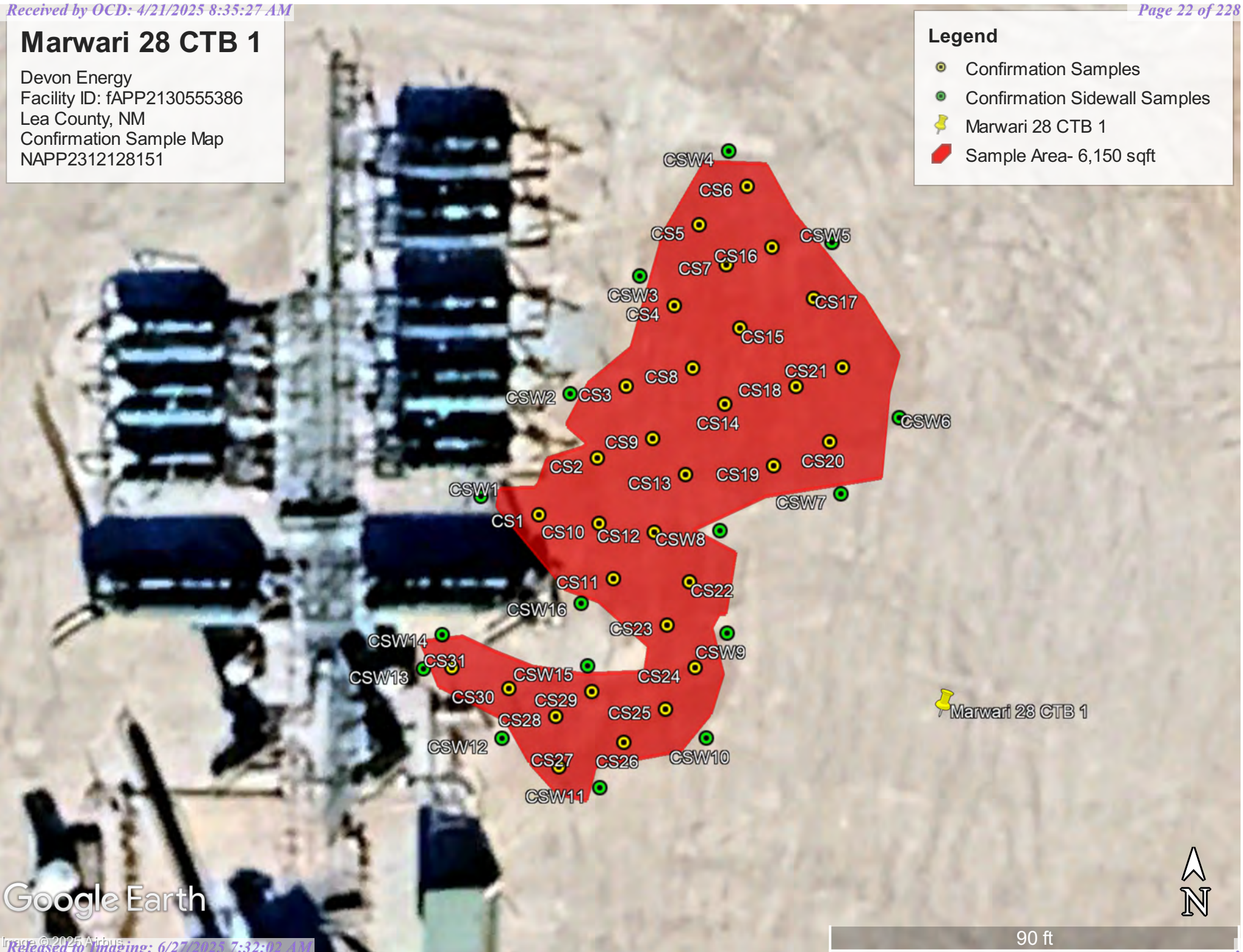


# Marwari 28 CTB 1

Devon Energy  
Facility ID: fAPP2130555386  
Lea County, NM  
Confirmation Sample Map  
NAPP2312128151

## Legend

- Confirmation Samples
- Confirmation Sidewall Samples
- Marwari 28 CTB 1
- Sample Area- 6,150 sqft



Google Earth

# 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 | Tws | Rng | X        | Y         | Map   |
|----------|--------------|-----|-----|----|-----|-----|-----|----------|-----------|---|
| NA       | C 04879 POD1 | SW  | NW  | NW | 28  | 25S | 32E | 623751.7 | 3552857.9 |  |

\* UTM location was derived from PLSS - see Help

Driller License:

1839

Driller Company:

COFFEY DRILLING LLC

Driller Name:

COFFEY, BOYDVID K.(CALL OFF

Drill Start Date:

Drill Finish Date:

Plug Date:

Log File Date:

PCW Rcv Date:

Source:

Shallow

Pump Type:

Pipe Discharge Size:

Estimated Yield:

Casing Size:

2.00

Depth Well:

52

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.





# WELL PLUGGING PLAN OF OPERATIONS



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

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

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

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

Existing Office of the State Engineer POD Number (Well Number) for well to be plugged: C-4879-POD1

Name of well owner: DEVON ENERGY

Mailing address: 205 E BANDER #150 County: LEA

City: HUBBS State: NM Zip code: 88240

Phone number: 575-248-1838 E-mail: DALE.WOODALL@DEVON.COM

## III. WELL DRILLER INFORMATION:

Well Driller contracted to provide plugging services: Coffey Drilling

New Mexico Well Driller License No.: 1839 Expiration Date: April 22, 2026

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

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

1) GPS Well Location: Latitude: 32 deg, 06 min, 19.0 sec  
Longitude: 103 deg, 41 min, 18.2 sec, NAD 83

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

purpose is to prove Groundwater to a depth of greater than 52', the planned depth is 52' BGs. The Borehole will remain open for 72 Hours. an electronic measuring tape will be used to determine if the bore hole is wet or dry. ground water if any will be reported to NMOSE and the bore hole will be plugged per the plan

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

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

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

6) Depth of the well: Approx. 52' feet

OSE DII ROSWELL NM  
WD-08 Well Plugging Plan  
Version: March 07, 2022  
Page 1 of 5  
AUG 16 2024 AM 11:18

- 7) Inside diameter of innermost casing: 2 3/8 inches.
- 8) Casing material: SCH 40 PVC
- 9) The well was constructed with:  
☐ an open-hole production interval, state the open interval: \_\_\_\_\_  
☒ a well screen or perforated pipe, state the screened interval(s): Screen at Approx. 47'-52'
- 10) What annular interval surrounding the artesian casing of this well is cement-grouted? NA
- 11) Was the well built with surface casing? no If yes, is the annulus surrounding the surface casing grouted or otherwise sealed? NA If yes, please describe:  
NA
- 12) Has all pumping equipment and associated piping been removed from the well? NA If not, describe remaining equipment and intentions to remove prior to plugging in Section VII of this form.

**V. DESCRIPTION OF PLANNED WELL PLUGGING:** ☐ If plugging method differs between multiple wells on same site, a separate form must be completed for each method.

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

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

- 1) Describe the method by which cement grout shall be placed in the well, or describe requested plugging methodology proposed for the well:  
If Water is Found, Driller will use High solids Bentonite Grout with mixing ratios to attain 20% active solids by weight or Neat Type I/II placed bottom to top using Tremmie. If hole is dry, Cuttings will be used to backfill to 20' BLS and bentonite chips Hydrated at 5 gallons per sack hole plug, from 20' to surface
- 2) Will well head be cut-off below land surface after plugging? Yes

**VI. PLUGGING AND SEALING MATERIALS:**

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

- 1) For plugging intervals that employ cement grout, complete and attach Table A.
- 2) For plugging intervals that will employ approved non-cement based sealant(s), complete and attach Table B.
- 3) Theoretical volume of grout required to plug the well to land surface: 77
- 4) Type of Cement proposed: Neat cement Type I/II
- 5) Proposed cement grout mix: 6 gallons of water per 94 pound sack of Portland cement.
- 6) Will the grout be: \_\_\_\_\_ batch-mixed and delivered to the site  
x mixed on site



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

None

- 8) Additional notes and calculations:

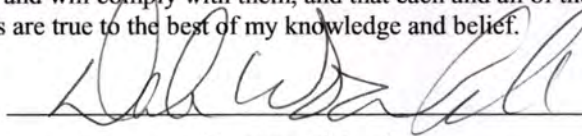
None

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

None

**VIII. SIGNATURE:**

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



Signature of Applicant

8-13-24

Date

OSE DII ROSWELL NM  
AUG 16 2024 AM 11:11

**IX. ACTION OF THE STATE ENGINEER:**

This Well Plugging Plan of Operations is:

☒ Approved subject to the attached conditions.  
☐ Not approved for the reasons provided on the attached letter.

Witness my hand and official seal this 20<sup>th</sup> day of August, 2024



Elizabeth K. Anderson, P.E.

\_\_\_\_\_, New Mexico State Engineer

By: K. Parekh  
Kashyap Parekh

Water Resources Manager I

WD-08 Well Plugging Plan  
Version: March 07, 2022  
Page 3 of 5

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

|   | <b>Interval 1 – deepest</b>  | <b>Interval 2</b> | <b>Interval 3 – most shallow</b>   |
|---|--|-------------------|--|
|   |  |                   | Note: if the well is non-artesian and breaches only one aquifer, use only this column. |
| Top of proposed interval of grout placement (ft bgl)                          | 52' to ground surface  |                   |  |
| Bottom of proposed interval of grout placement (ft bgl)                       |  |                   |  |
| Theoretical volume of grout required per interval (gallons)                   |  |                   |  |
| Proposed cement grout mix gallons of water per 94-lb. sack of Portland cement | 77 gallons Fresh water. 4.5 SKS quick grout. Mixing ratio of one 50 LB sack per 24 gallons water to create 20% active solids |                   |  |
| Mixed on-site or batch-mixed and delivered?                                   |  |                   |  |
| Grout additive 1 requested  |  |                   |  |
| Additive 1 percent by dry weight relative to cement                           |  |                   |  |
| Grout additive 2 requested  |  |                   |  |
| Additive 2 percent by dry weight relative to cement                           |  |                   |  |

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

|   | <b>Interval 1 – deepest</b> | <b>Interval 2</b> | <b>Interval 3 – most shallow</b>   |
|---|-----------------------------|-------------------|--|
|   |                             |                   | Note: if the well is non-artesian and breaches only one aquifer, use only this column. |
| Top of proposed interval of sealant placement (ft bgl)        |                             |                   |  |
| Bottom of proposed sealant or grout placement (ft bgl)        |                             |                   |  |
| Theoretical volume of sealant required per interval (gallons) |                             |                   |  |
| Proposed abandonment sealant (manufacturer and trade name)    | Baroid Quick grout          |                   |  |

OSE DII ROSWELL NM  
AUG 16 2024 AM 11:11





## Office of the State Engineer State of New Mexico

### DISTRICT 2 OFFICE

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

Applicant has identified a well, listed below, to be plugged. Coffey Drilling (WD-1839) will perform the plugging.

Permittee: Devon Energy  
NMOSE Permit Number: C-4879-POD1

| NMOSE File  | Casing diameter (inches) | Well depth (feet bgl) | Approximate static water level (feet bgl) | Latitude     | Longitude      |
|-------------|--------------------------|-----------------------|---|--------------|----------------|
| C-4879-POD1 | 2.0                      | 52.0                  | Unknown                                   | 32° 6' 19.0" | 103° 41' 18.2" |

### **Specific Plugging Conditions of Approval for Well located in Lea County.**

1. Water well drilling and well drilling activities, including well plugging, are regulated under 19.27.4 NMAC, which requires any person engaged in the business of well drilling within New Mexico to obtain a Well Driller License issued by the New Mexico Office of the State Engineer (NMOSE). Therefore, the firm of a New Mexico licensed Well Driller shall perform the well plugging.

**2. Ground Water encountered:** The total Theoretical volume of sealant required for abandonment of soil boring well is approximately 77.0 gallons. The total minimum volume of necessary sealant shall be calculated upon sounding the actual pluggable depth of well, which is estimated at 102 feet.

**3. Dry Hole:** The total Theoretical volume of sealant required for abandonment of soil boring well is approximately 1.63 gallons. Total minimum volume of necessary sealant shall be calculated upon sounding the actual pluggable depth of well, which is estimated at 10 feet.

**4. Ground Water encountered:** Type I/II Portland cement mixed with 5.2 to 6.0 gallons of fresh water per 94-lb sack of cement is approved for plugging the well.

**5. Dry Hole:** (a) Drill cuttings up to ten feet of land surface. (b) 10 feet to 0 feet – Hydrated bentonite. The bentonite shall be hydrated separately with its required increments of water prior to being mixed into the cement slurry.

6. Sealant shall be placed by pumping through a tremie pipe extended to near well bottom and kept below top of the slurry column as the well is plugged from bottom-upwards in a manner that displaces the standing water column upwards from below. Tremie pipe may be pulled as necessary to retain minimal submergence in the advancing column of sealant.

7. Should cement “shrinks-back” occur in the well, use of a tremie for topping off is required for cement placement deeper than 20 feet below land surface or if water is present in the casing. The approved sealant for topping off is identified in condition 4. and 5. of these Specific Conditions of Approval.

8. Any open annulus encountered surrounding the casing shall also be sealed by the placement of the approved sealant. When plugging shallow wells with no construction or environmental concerns, and if the well record on a well to be plugged shows a proper 20-foot annular seal, a plugging plan can propose the use of clean fill material to a nominal 30 feet bgs, then placing an OSE approved sealant to surface. Lacking that information, we would require an excavation of at least 2-feet which shall then be filled in its entirety with sealant to surface.

9. Should the NMED, or another regulatory agency sharing jurisdiction of the project authorize, or by regulation require a more stringent well plugging procedure than herein acknowledged, the more-stringent procedure should be followed. This, in part, includes provisions regarding pre-authorization to proceed, contaminant remediation, inspection, pulling/perforating of casing, or prohibition of free discharge of any fluid from the borehole during or related to the plugging process.

10. NMOSE witnessing the plugging of the soil boring will not be required.

11. Any deviation from this plan must obtain an approved variance from this office prior to implementation.

12. A Well Plugging Record itemizing actual abandonment process and materials used shall be filed with the State Engineer within 30 days after completion of well plugging. For the plugging record, please resurvey coordinate location for well and note coordinate system for GPS unit. Please attach a copy of these plugging conditions.

The NMOSE Well Plugging Plan of Operations is hereby approved with the aforesaid conditions applied.

Witness my hand and seal this 21<sup>st</sup> day of August 2024

Elizabeth K. Anderson, P.E. State Engineer

By: K. Parekh

Kashyap Parekh  
Water Resources Manager I



**MICHELLE LUJAN GRISHAM**  
GOVERNOR



**ELIZABETH K. ANDERSON, P.E.**  
STATE ENGINEER

**State of New Mexico**  
**Office of the State Engineer**

**DISTRICT 2 OFFICE**

August 21, 2024

Devon Energy  
205 E. Bender, Suite 150  
Hobbs, NM 88240

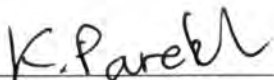
RE: Well Plugging Plan of Operations for well No. C-4879-POD1

Greetings:

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

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

Sincerely,

  
Kashyap Parekh  
Water Resources Manager I

1900 WEST SECOND STREET, ROSWELL, NM 88201  
(575) 622/6521 FAX (575) 623-8559

[WWW.OSE.STATE.NM.GOV](http://WWW.OSE.STATE.NM.GOV)



# Marwari 28 CTB 1

Devon Energy  
Facility ID: fAPP2130555386  
Lea County, NM  
OSE Pod Map  
NAPP2312128151

## Legend

- 0.06 miles
- C 04879 POD1
- Marwari 28 CTB 1

Marwari 28 CTB 1

C 04879 POD1

Google Earth

Image © 2024 Airbus



500 ft





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

## National Water Information System: Web Interface

USGS Water Resources

Data Category:

Groundwater

Geographic Area:

United States

GO

Click to hide News Bulletins

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

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.

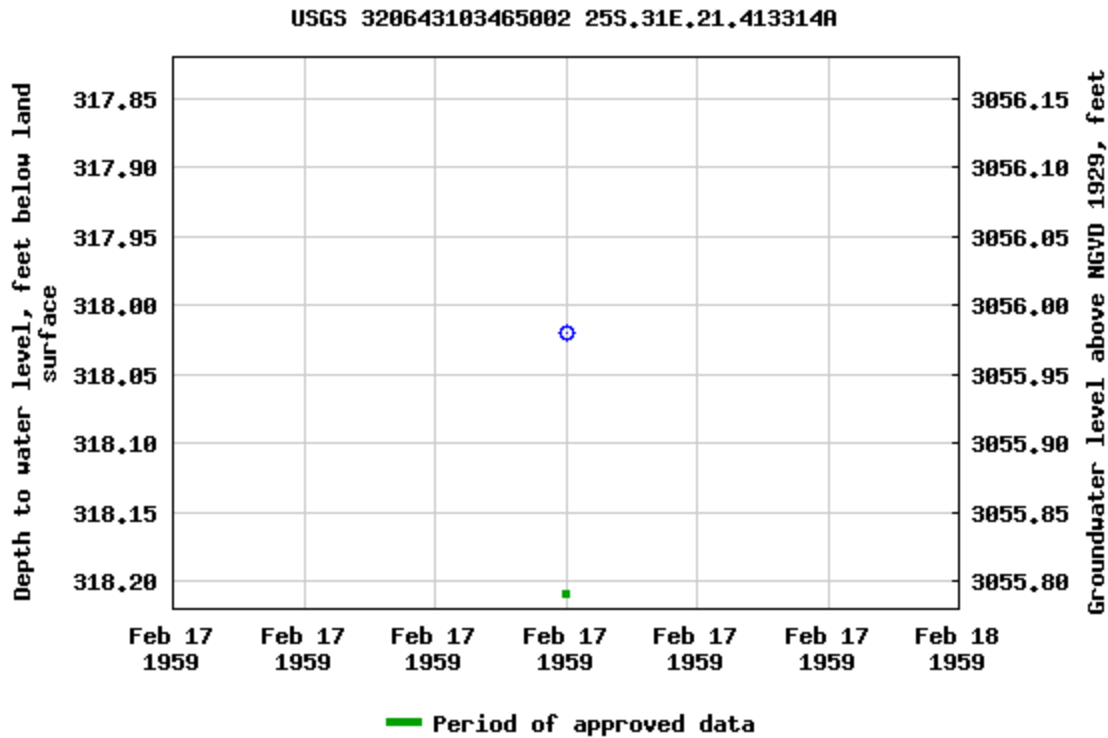
#### Output formats

[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.  
[Download a presentation-quality graph](#)

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[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)  
**Title:** Groundwater for USA: Water Levels  
**URL:** <https://nwis.waterdata.usgs.gov/nwis/gwlevels?>






Page Contact Information: [USGS Water Data Support Team](#)  
Page Last Modified: 2024-12-03 11:22:18 EST  
0.71 0.56 nadww01



# Marwari 28 CTB 1

Devon Energy  
Facility ID: fAPP2130555386  
Lea County, NM  
USGS Map  
NAPP2312128151

## Legend

-  5.57 miles
-  Marwari 28 CTB 1
-  USGS 320643103465002

USGS 320643103465002

Marwari 28 CTB 1

Google Earth

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2 mi



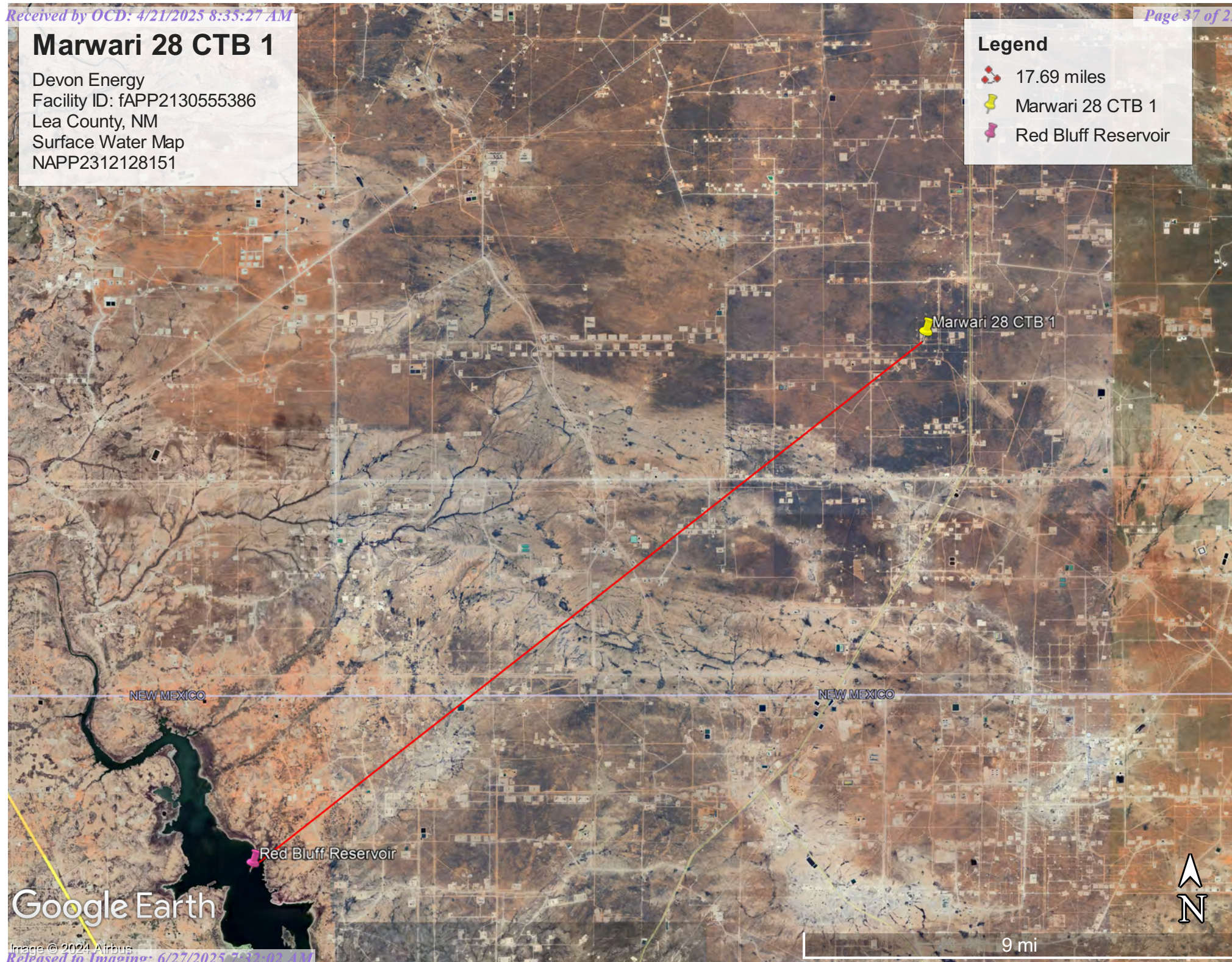


# Marwari 28 CTB 1

Devon Energy  
Facility ID: fAPP2130555386  
Lea County, NM  
Surface Water Map  
NAPP2312128151

## Legend

- 17.69 miles
- Marwari 28 CTB 1
- Red Bluff Reservoir



Google Earth

Image © 2024 Airbus



# National Flood Hazard Layer FIRMMette



103°41'34"W 32°6'36"N



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

1:6,000
























103°40'57"W 32°6'6"N

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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)<br>Zone A, V, A99  |
|                             |    | With BFE or Depth Zone AE, AO, AH, VE, AR   |
|                             |    | Regulatory Floodway   |
| OTHER AREAS OF FLOOD HAZARD |    | 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X |
|                             |    | Future Conditions 1% Annual Chance Flood Hazard Zone X  |
|                             |    | Area with Reduced Flood Risk due to Levee. See Notes. Zone X  |
|                             |    | Area with Flood Risk due to Levee Zone D  |
| OTHER AREAS                 |    | NO SCREEN Area of Minimal Flood Hazard Zone X   |
|                             |    | Effective LOMRs   |
|                             |    | Area of Undetermined Flood Hazard Zone D  |
| GENERAL STRUCTURES          |    | Channel, Culvert, or Storm Sewer  |
|                             |    | Levee, Dike, or Floodwall   |
| OTHER FEATURES              |    | 20.2 Cross Sections with 1% Annual Chance Water Surface Elevation   |
|                             |    | 17.5 Coastal Transect   |
|                             |    | Base Flood Elevation Line (BFE)   |
|                             |    | Limit of Study  |
|                             |    | Jurisdiction Boundary   |
|                             |   | Coastal Transect Baseline   |
|                             |  | Profile Baseline  |
|                             |  | Hydrographic Feature  |
| MAP PANELS                  |   | Digital Data Available  |
|                             |  | No Digital Data Available   |
|                             |  | Unmapped  |



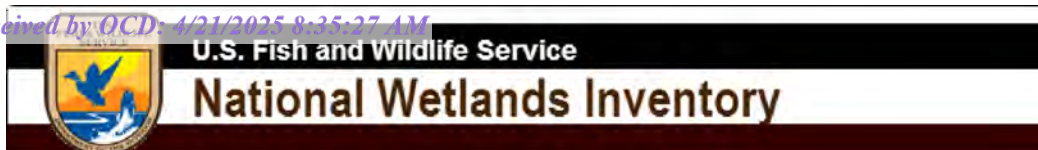
The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 12/3/2024 at 3:51 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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





## Wetlands Map



December 3, 2024

**Wetlands**

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

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

- Lake
- Other
- Riverine

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

## 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

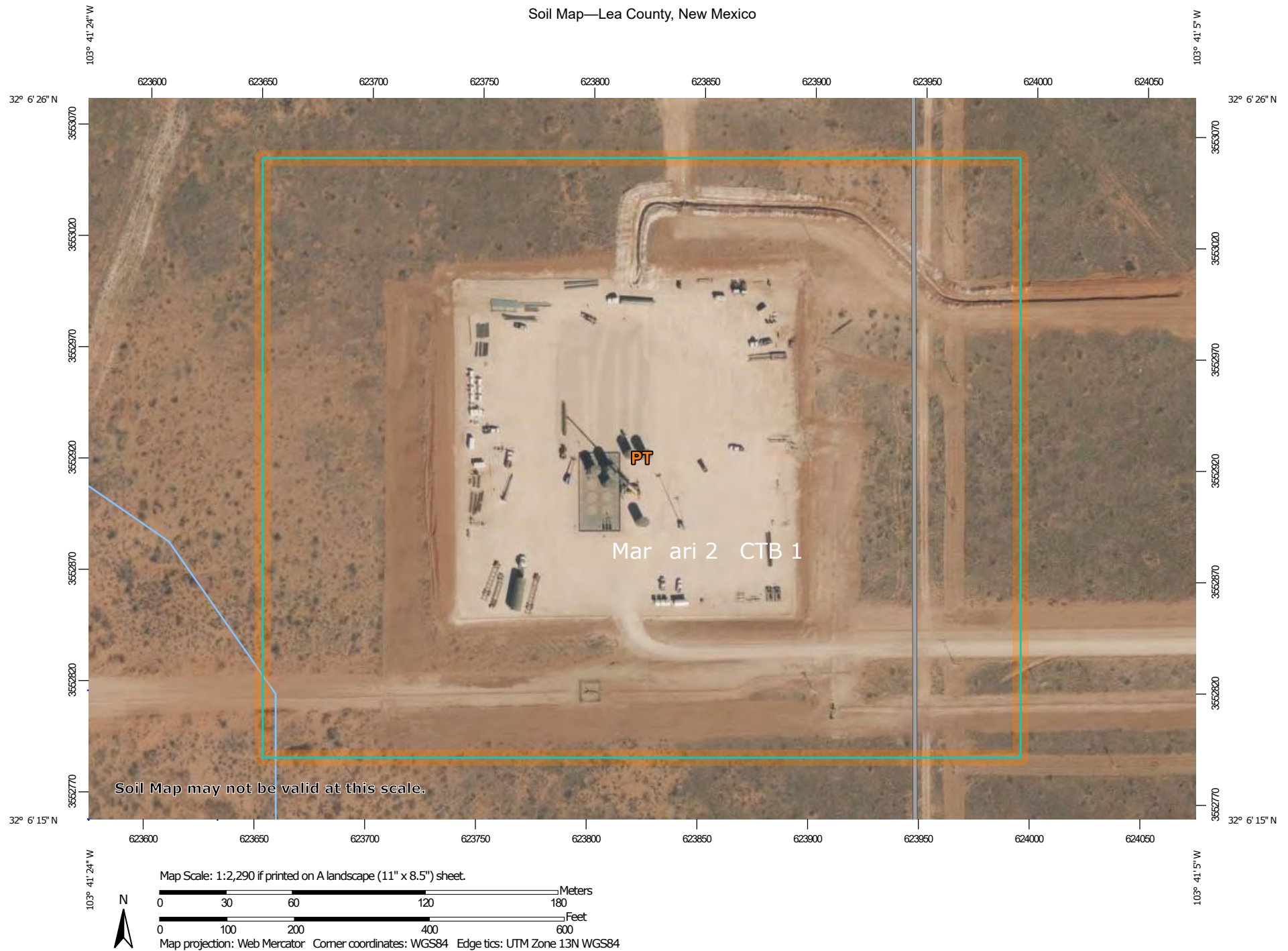
##### **Palomas**

*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



Natural Resources  
Conservation Service

Web Soil Survey  
National Cooperative Soil Survey

12/3/2024  
Page 1 of 3



## Soil Map—Lea County, New Mexico


## MAP LEGEND

## Area of Interest (AOI)

 Area of Interest (AOI)

## Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

## Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

## Water Features



Streams and Canals

## Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

## Background



Aerial Photography

## MAP INFORMATION

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

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

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

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

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

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

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

Soil Survey Area: 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 | 22.9         | 100.0%         |
| Totals for Area of Interest |                       | 22.9         | 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>) |

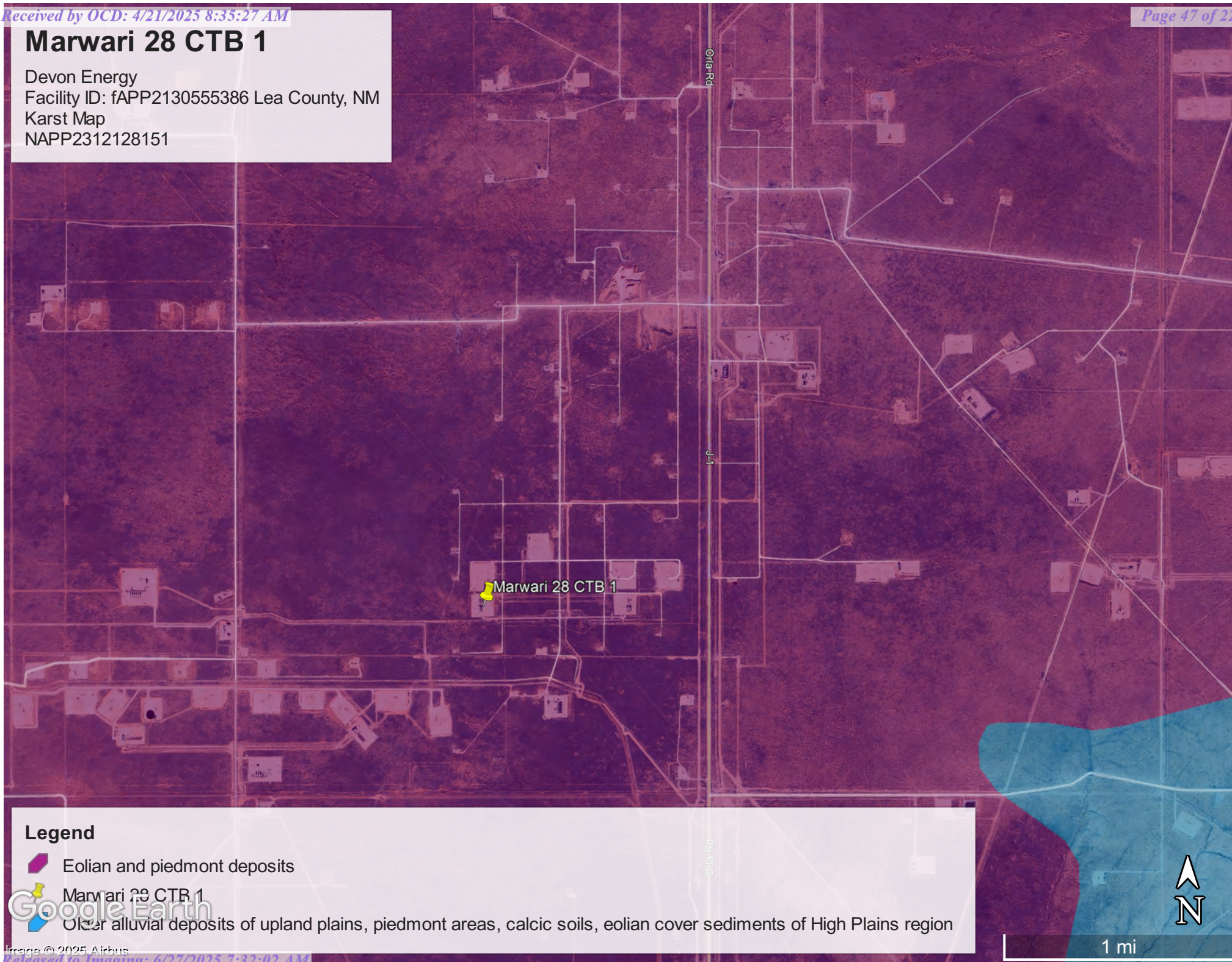
Contact USGS (<https://answers.usgs.gov/>)

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



# Marwari 28 CTB 1

Devon Energy  
Facility ID: fAPP2130555386 Lea County, NM  
Karst Map  
NAPP2312128151



## 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

# APPENDIX C

## C-141 Form 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.



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

State of New Mexico  
Energy Minerals and Natural  
Resources Department

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-141  
Revised August 24, 2018  
Submit to appropriate OCD District office

|                |                |
|----------------|----------------|
| Incident ID    | nAPP2312128151 |
| District RP    |                |
| Facility ID    |                |
| Application ID |                |

## Release Notification

### Responsible Party

|   |                              |
|---|------------------------------|
| Responsible Party Devon Energy Production Company               | OGRID 6137                   |
| Contact Name Dale Woodall                                       | Contact Telephone            |
| Contact email Dale.Woodall@dvn.com                              | Incident # (assigned by OCD) |
| Contact mailing address 6488 Seven Rivers Hwy Artesia, NM 88210 |                              |

### Location of Release Source

Latitude 32.105689 Longitude -103.687812  
(NAD 83 in decimal degrees to 5 decimal places)

|                                   |                      |
|-----------------------------------|----------------------|
| Site Name Marwari 28 CTB 1        | Site Type Oil        |
| Date Release Discovered 4/29/2023 | API# (if applicable) |

| Unit Letter | Section | Township | Range | County |
|-------------|---------|----------|-------|--------|
| D           | 28      | 25S      | 32E   | Lea    |

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☐ Private (Name: \_\_\_\_\_)

### Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

|  |  |  |
|--|--|--|
| <input type="checkbox"/> Crude Oil                 | Volume Released (bbls)   | Volume Recovered (bbls)                                  |
| <input checked="" type="checkbox"/> Produced Water | Volume Released (bbls) 6.6 BBLS  | Volume Recovered (bbls) 3 BBLS                           |
|  | Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| <input type="checkbox"/> Condensate                | Volume Released (bbls)   | Volume Recovered (bbls)                                  |
| <input type="checkbox"/> Natural Gas               | Volume Released (Mcf)  | Volume Recovered (Mcf)                                   |
| <input type="checkbox"/> Other (describe)          | Volume/Weight Released (provide units)   | Volume/Weight Recovered (provide units)                  |

Cause of Release Pin hole leak in 6" water line.



|                |                |
|----------------|----------------|
| Incident ID    | nAPP2312128151 |
| District RP    |                |
| Facility ID    |                |
| Application ID |                |

|   |  |
|---|--|
| Was this a major release as defined by 19.15.29.7(A) NMAC?<br><br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If YES, for what reason(s) does the responsible party consider this a major release? |
| If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?                          |  |

## Initial Response

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

|  |                                |
|--|--------------------------------|
| <input checked="" type="checkbox"/> The source of the release has been stopped.  |                                |
| <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment.  |                                |
| <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.  |                                |
| <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.  |                                |
| If all the actions described above have <u>not</u> been undertaken, explain why:   |                                |
| Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.  |                                |
| I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. |                                |
| Printed Name: <u>Kendra Ruiz</u>   | Title: <u>EHS Associate</u>    |
| Signature: <u>Kendra Ruiz</u>  | Date: <u>5/10/2023</u>         |
| email: <u>Kendra.Ruiz@dvn.com</u>  | Telephone: <u>575-748-0167</u> |
| <b><u>OCD Only</u></b>   |                                |
| Received by: <u>Jocelyn Harimon</u>  | Date: <u>05/10/2023</u>        |

| <b>Spill Volume(Bbls) Calculator</b>    |                             |
|---|-----------------------------|
| <i>Inputs in blue, Outputs in red</i>   |                             |
| <b>Contaminated Soil measurement</b>    |                             |
| Area (square feet)                      | Depth(inches)               |
| <u>1655</u>                             | <u>0.125</u>                |
| Cubic Feet of Soil Impacted             | <u>17.240</u>               |
| Barrels of Soil Impacted                | <u>3.07</u>                 |
| Soil Type                               | Clay/Sand                   |
| Barrels of Oil Assuming 100% Saturation | <u>0.46</u>                 |
| Saturation                              | Fluid present when squeezed |
| Estimated Barrels of Oil Released       | 0.23                        |
| <b>Free Standing Fluid Only</b>         |                             |
| Area (square feet)                      | Depth(inches)               |
| <u>1660</u>                             | <u>0.250</u>                |
| Standing fluid                          | <u>6.165</u>                |
| <b>Total fluids spilled</b>             | <b>6.626</b>                |

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 215669

CONDITIONS

|   |   |
|---|---|
| Operator:<br>DEVON ENERGY PRODUCTION COMPANY, LP<br>333 West Sheridan Ave.<br>Oklahoma City, OK 73102 | OGRID:<br>6137  |
|   | Action Number:<br>215669                                  |
|   | Action Type:<br>[C-141] Release Corrective Action (C-141) |

CONDITIONS

| Created By | Condition  | Condition Date |
|------------|--|----------------|
| jharimon   | When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141 | 5/10/2023      |



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 447732

**QUESTIONS**

|   |  |
|---|--|
| Operator:<br>DEVON ENERGY PRODUCTION COMPANY, LP<br>333 West Sheridan Ave.<br>Oklahoma City, OK 73102 | OGRID:<br>6137   |
|   | Action Number:<br>447732                                   |
|   | Action Type:<br>[NOTIFY] Notification Of Sampling (C-141N) |

**QUESTIONS**

| Prerequisites     |                                     |
|-------------------|-------------------------------------|
| Incident ID (n#)  | nAPP2312128151                      |
| Incident Name     | NAPP2312128151 MARWARI 28 CTB 1 @ 0 |
| Incident Type     | Produced Water Release              |
| Incident Status   | Remediation Plan Approved           |
| Incident Facility | [fAPP2130555386] MARWARI 28 CTB 1   |

| Location of Release Source |                  |
|----------------------------|------------------|
| Site Name                  | MARWARI 28 CTB 1 |
| Date Release Discovered    | 04/29/2023       |
| Surface Owner              | Federal          |

| Sampling Event General Information  |  |
|---|--|
| Please answer all the questions in this group.  |  |
| What is the sampling surface area in square feet  | 6,150                                  |
| What is the estimated number of samples that will be gathered                                   | 47                                     |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 04/04/2025                             |
| Time sampling will commence   | 08:00 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                        | 32.105689, -103.687812                 |

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 447732

CONDITIONS

|   |  |
|---|--|
| Operator:<br>DEVON ENERGY PRODUCTION COMPANY, LP<br>333 West Sheridan Ave.<br>Oklahoma City, OK 73102 | OGRID:<br>6137   |
|   | Action Number:<br>447732                                   |
|   | Action Type:<br>[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. | 4/1/2025       |

# 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

### Assessment :



Photograph of site tech assessing the area, Facing East.



Photograph of site tech assessing the area, Facing Northwest.



Photograph of site tech assessing the area, Facing Southwest.



Photograph of site tech assessing the area, Facing West.



Photograph of site tech assessing the area,  
Facing Northeast.





## PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Marwari 28 CTB

### Pre- Excavation :



Photograph taken pre- excavation process, facing southwest.



Photograph taken pre- excavation process, facing southeast.



Photograph taken pre- excavation process, facing east.



Photograph taken pre- excavation process, spotting lines, facing east.



## PHOTOGRAPHIC DOCUMENTATION

**SITE NAME: Marwari 28 CTB**

### Excavation :



Photograph taken during the excavation process, facing east.



Photograph taken during the excavation process, facing west.



Photograph taken during the excavation process, facing east.



Aerial photo taken during excavation.

## PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Marwari 28 CTB

Backfill :



Photo taken of backfill soil, facing northeast.



## PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Marwari 28 CTB

### Confirmation Sampling :



Photograph of confirmation samples being conducted, facing north.



Photograph of confirmation samples being conducted, facing northwest.



Photograph of confirmation samples being conducted, facing north.



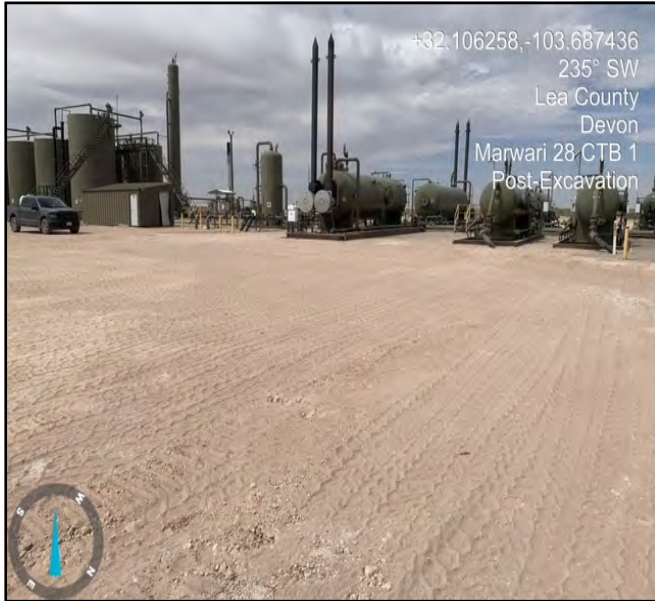
Photograph of confirmation samples being conducted, facing east.



## PHOTOGRAPHIC DOCUMENTATION

**SITE NAME: Marwari 28 CTB**

**Post excavation :**



Photograph taken post excavation , facing southwest.



Photograph taken post excavation, facing east.



Photograph taken post excavation, facing north.



Photograph taken post excavation, facing east.



## PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Marwari 28 CTB

### Aerial Photos :



Aerial photo of the location taken prior to work being done.



Aerial photo of the location taken prior to work being done.



Aerial photo of location after all work has been completed.



Aerial photo of location after all work has been completed.

# 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:  
Tom Bynum



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Marwari 28 CTB 1-1

Work Order: E305039

Job Number: 01058-0007

Received: 5/8/2023

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
5/12/23

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 5/12/23



Tom Bynum  
PO Box 247  
Plains, TX 79355-0247

Project Name: Marwari 28 CTB 1-1  
Workorder: E305039  
Date Received: 5/8/2023 7:45:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/8/2023 7:45:00AM, under the Project Name: Marwari 28 CTB 1-1.

The analytical test results summarized in this report with the Project Name: Marwari 28 CTB 1-1 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  
Office: 505-632-1881  
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**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
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Field Offices:

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

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

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

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## Sample Summary

|                                      |                  |                    |                |
|--------------------------------------|------------------|--------------------|----------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Marwari 28 CTB 1-1 | Reported:      |
| PO Box 247                           | Project Number:  | 01058-0007         |                |
| Plains TX, 79355-0247                | Project Manager: | Tom Bynum          | 05/12/23 11:45 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled  | Received | Container        |
|------------------|---------------|--------|----------|----------|------------------|
| S1-1'            | E305039-01A   | Soil   | 05/04/23 | 05/08/23 | Glass Jar, 2 oz. |
| S1-2'            | E305039-02A   | Soil   | 05/04/23 | 05/08/23 | Glass Jar, 2 oz. |
| S1-3'            | E305039-03A   | Soil   | 05/04/23 | 05/08/23 | Glass Jar, 2 oz. |
| S1-4'            | E305039-04A   | Soil   | 05/04/23 | 05/08/23 | Glass Jar, 2 oz. |
| S2-1'            | E305039-05A   | Soil   | 05/04/23 | 05/08/23 | Glass Jar, 2 oz. |
| S2-2'            | E305039-06A   | Soil   | 05/04/23 | 05/08/23 | Glass Jar, 2 oz. |
| S2-3'            | E305039-07A   | Soil   | 05/04/23 | 05/08/23 | Glass Jar, 2 oz. |
| S2-4'            | E305039-08A   | Soil   | 05/04/23 | 05/08/23 | Glass Jar, 2 oz. |
| S3-1'            | E305039-09A   | Soil   | 05/04/23 | 05/08/23 | Glass Jar, 2 oz. |
| S3-2'            | E305039-10A   | Soil   | 05/04/23 | 05/08/23 | Glass Jar, 2 oz. |
| S3-3'            | E305039-11A   | Soil   | 05/04/23 | 05/08/23 | Glass Jar, 2 oz. |
| S3-4'            | E305039-12A   | Soil   | 05/04/23 | 05/08/23 | Glass Jar, 2 oz. |
| S4-1'            | E305039-13A   | Soil   | 05/04/23 | 05/08/23 | Glass Jar, 2 oz. |
| S4-2'            | E305039-14A   | Soil   | 05/04/23 | 05/08/23 | Glass Jar, 2 oz. |
| S4-3'            | E305039-15A   | Soil   | 05/04/23 | 05/08/23 | Glass Jar, 2 oz. |
| S4-4'            | E305039-16A   | Soil   | 05/04/23 | 05/08/23 | Glass Jar, 2 oz. |
| S5-1'            | E305039-17A   | Soil   | 05/04/23 | 05/08/23 | Glass Jar, 2 oz. |
| S5-2'            | E305039-18A   | Soil   | 05/04/23 | 05/08/23 | Glass Jar, 2 oz. |
| S5-3'            | E305039-19A   | Soil   | 05/04/23 | 05/08/23 | Glass Jar, 2 oz. |
| S5-4'            | E305039-20A   | Soil   | 05/04/23 | 05/08/23 | Glass Jar, 2 oz. |



## Sample Data

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

Project Name: Marwari 28 CTB 1-1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
5/12/2023 11:45:33AM

S1-1'

E305039-01

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319005 |
| Benzene   | ND     | 0.0250          | 1        | 05/08/23     | 05/08/23 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 05/08/23     | 05/08/23 |                |
| Toluene   | ND     | 0.0250          | 1        | 05/08/23     | 05/08/23 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 05/08/23     | 05/08/23 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 05/08/23     | 05/08/23 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 05/08/23     | 05/08/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 106 %           | 70-130   | 05/08/23     | 05/08/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 117 %           | 70-130   | 05/08/23     | 05/08/23 |                |
| Surrogate: Toluene-d8                                 |        | 97.1 %          | 70-130   | 05/08/23     | 05/08/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319005 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 05/08/23     | 05/08/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 106 %           | 70-130   | 05/08/23     | 05/08/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 117 %           | 70-130   | 05/08/23     | 05/08/23 |                |
| Surrogate: Toluene-d8                                 |        | 97.1 %          | 70-130   | 05/08/23     | 05/08/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2319030 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 05/09/23     | 05/09/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 05/09/23     | 05/09/23 |                |
| Surrogate: n-Nonane                                   |        | 87.8 %          | 50-200   | 05/09/23     | 05/09/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RAS |          | Batch: 2319009 |
| Chloride  | 1060   | 20.0            | 1        | 05/08/23     | 05/10/23 |                |





## Sample Data

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

Project Name: Marwari 28 CTB 1-1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
5/12/2023 11:45:33AM

S1-2'

E305039-02

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319005 |
| Benzene   | ND     | 0.0250          | 1        | 05/08/23     | 05/08/23 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 05/08/23     | 05/08/23 |                |
| Toluene   | ND     | 0.0250          | 1        | 05/08/23     | 05/08/23 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 05/08/23     | 05/08/23 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 05/08/23     | 05/08/23 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 05/08/23     | 05/08/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 108 %           | 70-130   | 05/08/23     | 05/08/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 116 %           | 70-130   | 05/08/23     | 05/08/23 |                |
| Surrogate: Toluene-d8                                 |        | 99.0 %          | 70-130   | 05/08/23     | 05/08/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319005 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 05/08/23     | 05/08/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 108 %           | 70-130   | 05/08/23     | 05/08/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 116 %           | 70-130   | 05/08/23     | 05/08/23 |                |
| Surrogate: Toluene-d8                                 |        | 99.0 %          | 70-130   | 05/08/23     | 05/08/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2319030 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 05/09/23     | 05/09/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 05/09/23     | 05/09/23 |                |
| Surrogate: n-Nonane                                   |        | 91.5 %          | 50-200   | 05/09/23     | 05/09/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RAS |          | Batch: 2319009 |
| Chloride  | 340    | 20.0            | 1        | 05/08/23     | 05/10/23 |                |



## Sample Data

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

Project Name: Marwari 28 CTB 1-1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
5/12/2023 11:45:33AM

S1-3'

E305039-03

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319005 |
| Benzene   | ND     | 0.0250          | 1        | 05/08/23     | 05/08/23 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 05/08/23     | 05/08/23 |                |
| Toluene   | ND     | 0.0250          | 1        | 05/08/23     | 05/08/23 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 05/08/23     | 05/08/23 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 05/08/23     | 05/08/23 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 05/08/23     | 05/08/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 105 %           | 70-130   | 05/08/23     | 05/08/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 112 %           | 70-130   | 05/08/23     | 05/08/23 |                |
| Surrogate: Toluene-d8                                 |        | 98.1 %          | 70-130   | 05/08/23     | 05/08/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319005 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 05/08/23     | 05/08/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 105 %           | 70-130   | 05/08/23     | 05/08/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 112 %           | 70-130   | 05/08/23     | 05/08/23 |                |
| Surrogate: Toluene-d8                                 |        | 98.1 %          | 70-130   | 05/08/23     | 05/08/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2319030 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 05/09/23     | 05/09/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 05/09/23     | 05/09/23 |                |
| Surrogate: n-Nonane                                   |        | 93.0 %          | 50-200   | 05/09/23     | 05/09/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RAS |          | Batch: 2319009 |
| Chloride  | 144    | 20.0            | 1        | 05/08/23     | 05/10/23 |                |



## Sample Data

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

Project Name: Marwari 28 CTB 1-1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
5/12/2023 11:45:33AM

S1-4'

E305039-04

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319005 |
| Benzene   | ND     | 0.0250          | 1        | 05/08/23     | 05/08/23 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 05/08/23     | 05/08/23 |                |
| Toluene   | ND     | 0.0250          | 1        | 05/08/23     | 05/08/23 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 05/08/23     | 05/08/23 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 05/08/23     | 05/08/23 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 05/08/23     | 05/08/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 106 %           | 70-130   | 05/08/23     | 05/08/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 113 %           | 70-130   | 05/08/23     | 05/08/23 |                |
| Surrogate: Toluene-d8                                 |        | 98.3 %          | 70-130   | 05/08/23     | 05/08/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319005 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 05/08/23     | 05/08/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 106 %           | 70-130   | 05/08/23     | 05/08/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 113 %           | 70-130   | 05/08/23     | 05/08/23 |                |
| Surrogate: Toluene-d8                                 |        | 98.3 %          | 70-130   | 05/08/23     | 05/08/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2319030 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 05/09/23     | 05/09/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 05/09/23     | 05/09/23 |                |
| Surrogate: n-Nonane                                   |        | 92.3 %          | 50-200   | 05/09/23     | 05/09/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RAS |          | Batch: 2319009 |
| Chloride  | 34.1   | 20.0            | 1        | 05/08/23     | 05/10/23 |                |





## Sample Data

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

Project Name: Marwari 28 CTB 1-1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
5/12/2023 11:45:33AM

S2-1'

E305039-05

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319005 |
| Benzene   | ND     | 0.0250          | 1        | 05/08/23     | 05/08/23 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 05/08/23     | 05/08/23 |                |
| Toluene   | ND     | 0.0250          | 1        | 05/08/23     | 05/08/23 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 05/08/23     | 05/08/23 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 05/08/23     | 05/08/23 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 05/08/23     | 05/08/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 107 %           | 70-130   | 05/08/23     | 05/08/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 112 %           | 70-130   | 05/08/23     | 05/08/23 |                |
| Surrogate: Toluene-d8                                 |        | 97.1 %          | 70-130   | 05/08/23     | 05/08/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319005 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 05/08/23     | 05/08/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 107 %           | 70-130   | 05/08/23     | 05/08/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 112 %           | 70-130   | 05/08/23     | 05/08/23 |                |
| Surrogate: Toluene-d8                                 |        | 97.1 %          | 70-130   | 05/08/23     | 05/08/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2319030 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 05/09/23     | 05/09/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 05/09/23     | 05/09/23 |                |
| Surrogate: n-Nonane                                   |        | 93.6 %          | 50-200   | 05/09/23     | 05/09/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RAS |          | Batch: 2319009 |
| Chloride  | 582    | 20.0            | 1        | 05/08/23     | 05/10/23 |                |



## Sample Data

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

Project Name: Marwari 28 CTB 1-1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
5/12/2023 11:45:33AM

S2-2'

E305039-06

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319005 |
| Benzene   | ND     | 0.0250          | 1        | 05/08/23     | 05/08/23 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 05/08/23     | 05/08/23 |                |
| Toluene   | ND     | 0.0250          | 1        | 05/08/23     | 05/08/23 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 05/08/23     | 05/08/23 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 05/08/23     | 05/08/23 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 05/08/23     | 05/08/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 105 %           | 70-130   | 05/08/23     | 05/08/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 113 %           | 70-130   | 05/08/23     | 05/08/23 |                |
| Surrogate: Toluene-d8                                 |        | 97.5 %          | 70-130   | 05/08/23     | 05/08/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319005 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 05/08/23     | 05/08/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 105 %           | 70-130   | 05/08/23     | 05/08/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 113 %           | 70-130   | 05/08/23     | 05/08/23 |                |
| Surrogate: Toluene-d8                                 |        | 97.5 %          | 70-130   | 05/08/23     | 05/08/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2319030 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 05/09/23     | 05/09/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 05/09/23     | 05/09/23 |                |
| Surrogate: n-Nonane                                   |        | 93.0 %          | 50-200   | 05/09/23     | 05/09/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RAS |          | Batch: 2319009 |
| Chloride  | 337    | 20.0            | 1        | 05/08/23     | 05/11/23 |                |



## Sample Data

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

Project Name: Marwari 28 CTB 1-1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
5/12/2023 11:45:33AM

S2-3'

E305039-07

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319005 |
| Benzene   | ND     | 0.0250          | 1        | 05/08/23     | 05/08/23 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 05/08/23     | 05/08/23 |                |
| Toluene   | ND     | 0.0250          | 1        | 05/08/23     | 05/08/23 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 05/08/23     | 05/08/23 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 05/08/23     | 05/08/23 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 05/08/23     | 05/08/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 106 %           | 70-130   | 05/08/23     | 05/08/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 112 %           | 70-130   | 05/08/23     | 05/08/23 |                |
| Surrogate: Toluene-d8                                 |        | 98.5 %          | 70-130   | 05/08/23     | 05/08/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319005 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 05/08/23     | 05/08/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 106 %           | 70-130   | 05/08/23     | 05/08/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 112 %           | 70-130   | 05/08/23     | 05/08/23 |                |
| Surrogate: Toluene-d8                                 |        | 98.5 %          | 70-130   | 05/08/23     | 05/08/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2319030 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 05/09/23     | 05/09/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 05/09/23     | 05/09/23 |                |
| Surrogate: n-Nonane                                   |        | 91.5 %          | 50-200   | 05/09/23     | 05/09/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RAS |          | Batch: 2319009 |
| Chloride  | 145    | 20.0            | 1        | 05/08/23     | 05/11/23 |                |





## Sample Data

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

Project Name: Marwari 28 CTB 1-1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
5/12/2023 11:45:33AM

S2-4'

E305039-08

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319005 |
| Benzene   | ND     | 0.0250          | 1        | 05/08/23     | 05/08/23 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 05/08/23     | 05/08/23 |                |
| Toluene   | ND     | 0.0250          | 1        | 05/08/23     | 05/08/23 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 05/08/23     | 05/08/23 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 05/08/23     | 05/08/23 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 05/08/23     | 05/08/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 106 %           | 70-130   | 05/08/23     | 05/08/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 111 %           | 70-130   | 05/08/23     | 05/08/23 |                |
| Surrogate: Toluene-d8                                 |        | 99.2 %          | 70-130   | 05/08/23     | 05/08/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319005 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 05/08/23     | 05/08/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 106 %           | 70-130   | 05/08/23     | 05/08/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 111 %           | 70-130   | 05/08/23     | 05/08/23 |                |
| Surrogate: Toluene-d8                                 |        | 99.2 %          | 70-130   | 05/08/23     | 05/08/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2319030 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 05/09/23     | 05/09/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 05/09/23     | 05/09/23 |                |
| Surrogate: n-Nonane                                   |        | 95.0 %          | 50-200   | 05/09/23     | 05/09/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RAS |          | Batch: 2319009 |
| Chloride  | 39.1   | 20.0            | 1        | 05/08/23     | 05/11/23 |                |



## Sample Data

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

Project Name: Marwari 28 CTB 1-1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
5/12/2023 11:45:33AM

S3-1'

E305039-09

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319005 |
| Benzene   | ND     | 0.0250          | 1        | 05/08/23     | 05/08/23 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 05/08/23     | 05/08/23 |                |
| Toluene   | ND     | 0.0250          | 1        | 05/08/23     | 05/08/23 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 05/08/23     | 05/08/23 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 05/08/23     | 05/08/23 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 05/08/23     | 05/08/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 108 %           | 70-130   | 05/08/23     | 05/08/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 110 %           | 70-130   | 05/08/23     | 05/08/23 |                |
| Surrogate: Toluene-d8                                 |        | 97.7 %          | 70-130   | 05/08/23     | 05/08/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319005 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 05/08/23     | 05/08/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 108 %           | 70-130   | 05/08/23     | 05/08/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 110 %           | 70-130   | 05/08/23     | 05/08/23 |                |
| Surrogate: Toluene-d8                                 |        | 97.7 %          | 70-130   | 05/08/23     | 05/08/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2319030 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 05/09/23     | 05/09/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 05/09/23     | 05/09/23 |                |
| Surrogate: n-Nonane                                   |        | 95.0 %          | 50-200   | 05/09/23     | 05/09/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RAS |          | Batch: 2319009 |
| Chloride  | 598    | 20.0            | 1        | 05/08/23     | 05/11/23 |                |



## Sample Data

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

Project Name: Marwari 28 CTB 1-1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
5/12/2023 11:45:33AM

S3-2'

E305039-10

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319005 |
| Benzene   | ND     | 0.0250          | 1        | 05/08/23     | 05/08/23 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 05/08/23     | 05/08/23 |                |
| Toluene   | ND     | 0.0250          | 1        | 05/08/23     | 05/08/23 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 05/08/23     | 05/08/23 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 05/08/23     | 05/08/23 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 05/08/23     | 05/08/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 108 %           | 70-130   | 05/08/23     | 05/08/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 112 %           | 70-130   | 05/08/23     | 05/08/23 |                |
| Surrogate: Toluene-d8                                 |        | 97.9 %          | 70-130   | 05/08/23     | 05/08/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319005 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 05/08/23     | 05/08/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 108 %           | 70-130   | 05/08/23     | 05/08/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 112 %           | 70-130   | 05/08/23     | 05/08/23 |                |
| Surrogate: Toluene-d8                                 |        | 97.9 %          | 70-130   | 05/08/23     | 05/08/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2319030 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 05/09/23     | 05/09/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 05/09/23     | 05/09/23 |                |
| Surrogate: n-Nonane                                   |        | 94.0 %          | 50-200   | 05/09/23     | 05/09/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RAS |          | Batch: 2319009 |
| Chloride  | 394    | 20.0            | 1        | 05/08/23     | 05/11/23 |                |





## Sample Data

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

Project Name: Marwari 28 CTB 1-1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
5/12/2023 11:45:33AM

S3-3'

E305039-11

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319005 |
| Benzene   | ND     | 0.0250          | 1        | 05/08/23     | 05/08/23 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 05/08/23     | 05/08/23 |                |
| Toluene   | ND     | 0.0250          | 1        | 05/08/23     | 05/08/23 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 05/08/23     | 05/08/23 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 05/08/23     | 05/08/23 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 05/08/23     | 05/08/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 105 %           | 70-130   | 05/08/23     | 05/08/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 112 %           | 70-130   | 05/08/23     | 05/08/23 |                |
| Surrogate: Toluene-d8                                 |        | 98.6 %          | 70-130   | 05/08/23     | 05/08/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319005 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 05/08/23     | 05/08/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 105 %           | 70-130   | 05/08/23     | 05/08/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 112 %           | 70-130   | 05/08/23     | 05/08/23 |                |
| Surrogate: Toluene-d8                                 |        | 98.6 %          | 70-130   | 05/08/23     | 05/08/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2319030 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 05/09/23     | 05/10/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 05/09/23     | 05/10/23 |                |
| Surrogate: n-Nonane                                   |        | 93.2 %          | 50-200   | 05/09/23     | 05/10/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RAS |          | Batch: 2319009 |
| Chloride  | 158    | 20.0            | 1        | 05/08/23     | 05/11/23 |                |



## Sample Data

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

Project Name: Marwari 28 CTB 1-1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
5/12/2023 11:45:33AM

S3-4'

E305039-12

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319005 |
| Benzene   | ND     | 0.0250          | 1        | 05/08/23     | 05/08/23 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 05/08/23     | 05/08/23 |                |
| Toluene   | ND     | 0.0250          | 1        | 05/08/23     | 05/08/23 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 05/08/23     | 05/08/23 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 05/08/23     | 05/08/23 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 05/08/23     | 05/08/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 103 %           | 70-130   | 05/08/23     | 05/08/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 110 %           | 70-130   | 05/08/23     | 05/08/23 |                |
| Surrogate: Toluene-d8                                 |        | 98.9 %          | 70-130   | 05/08/23     | 05/08/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319005 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 05/08/23     | 05/08/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 103 %           | 70-130   | 05/08/23     | 05/08/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 110 %           | 70-130   | 05/08/23     | 05/08/23 |                |
| Surrogate: Toluene-d8                                 |        | 98.9 %          | 70-130   | 05/08/23     | 05/08/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2319030 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 05/09/23     | 05/10/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 05/09/23     | 05/10/23 |                |
| Surrogate: n-Nonane                                   |        | 92.7 %          | 50-200   | 05/09/23     | 05/10/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RAS |          | Batch: 2319009 |
| Chloride  | 36.7   | 20.0            | 1        | 05/08/23     | 05/12/23 |                |



## Sample Data

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

Project Name: Marwari 28 CTB 1-1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
5/12/2023 11:45:33AM

S4-1'

E305039-13

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319005 |
| Benzene   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Toluene   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 05/08/23     | 05/09/23 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 104 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 110 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: Toluene-d8                                 |        | 97.8 %          | 70-130   | 05/08/23     | 05/09/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319005 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 05/08/23     | 05/09/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 104 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 110 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: Toluene-d8                                 |        | 97.8 %          | 70-130   | 05/08/23     | 05/09/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2319030 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 05/09/23     | 05/10/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 05/09/23     | 05/10/23 |                |
| Surrogate: n-Nonane                                   |        | 94.6 %          | 50-200   | 05/09/23     | 05/10/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RAS |          | Batch: 2319009 |
| Chloride  | 604    | 20.0            | 1        | 05/08/23     | 05/12/23 |                |





## Sample Data

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

Project Name: Marwari 28 CTB 1-1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
5/12/2023 11:45:33AM

S4-2'

E305039-14

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319005 |
| Benzene   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Toluene   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 05/08/23     | 05/09/23 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 104 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 102 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: Toluene-d8                                 |        | 98.4 %          | 70-130   | 05/08/23     | 05/09/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319005 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 05/08/23     | 05/09/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 104 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 102 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: Toluene-d8                                 |        | 98.4 %          | 70-130   | 05/08/23     | 05/09/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2319030 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 05/09/23     | 05/10/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 05/09/23     | 05/10/23 |                |
| Surrogate: n-Nonane                                   |        | 92.6 %          | 50-200   | 05/09/23     | 05/10/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RAS |          | Batch: 2319009 |
| Chloride  | 327    | 20.0            | 1        | 05/08/23     | 05/12/23 |                |



## Sample Data

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

Project Name: Marwari 28 CTB 1-1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
5/12/2023 11:45:33AM

S4-3'

E305039-15

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319005 |
| Benzene   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Toluene   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 05/08/23     | 05/09/23 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 105 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 112 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: Toluene-d8                                 |        | 98.3 %          | 70-130   | 05/08/23     | 05/09/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319005 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 05/08/23     | 05/09/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 105 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 112 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: Toluene-d8                                 |        | 98.3 %          | 70-130   | 05/08/23     | 05/09/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2319030 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 05/09/23     | 05/10/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 05/09/23     | 05/10/23 |                |
| Surrogate: n-Nonane                                   |        | 91.9 %          | 50-200   | 05/09/23     | 05/10/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RAS |          | Batch: 2319009 |
| Chloride  | 178    | 20.0            | 1        | 05/08/23     | 05/12/23 |                |



## Sample Data

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

Project Name: Marwari 28 CTB 1-1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
5/12/2023 11:45:33AM

S4-4'

E305039-16

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319005 |
| Benzene   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Toluene   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 05/08/23     | 05/09/23 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 107 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 108 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: Toluene-d8                                 |        | 97.9 %          | 70-130   | 05/08/23     | 05/09/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319005 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 05/08/23     | 05/09/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 107 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 108 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: Toluene-d8                                 |        | 97.9 %          | 70-130   | 05/08/23     | 05/09/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2319030 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 05/09/23     | 05/10/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 05/09/23     | 05/10/23 |                |
| Surrogate: n-Nonane                                   |        | 96.5 %          | 50-200   | 05/09/23     | 05/10/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RAS |          | Batch: 2319009 |
| Chloride  | 107    | 20.0            | 1        | 05/08/23     | 05/12/23 |                |





## Sample Data

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

Project Name: Marwari 28 CTB 1-1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
5/12/2023 11:45:33AM

S5-1'

E305039-17

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319005 |
| Benzene   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Toluene   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 05/08/23     | 05/09/23 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 107 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 107 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: Toluene-d8                                 |        | 98.7 %          | 70-130   | 05/08/23     | 05/09/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319005 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 05/08/23     | 05/09/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 107 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 107 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: Toluene-d8                                 |        | 98.7 %          | 70-130   | 05/08/23     | 05/09/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2319030 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 05/09/23     | 05/10/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 05/09/23     | 05/10/23 |                |
| Surrogate: n-Nonane                                   |        | 92.4 %          | 50-200   | 05/09/23     | 05/10/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RAS |          | Batch: 2319009 |
| Chloride  | 912    | 20.0            | 1        | 05/08/23     | 05/12/23 |                |



## Sample Data

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

Project Name: Marwari 28 CTB 1-1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
5/12/2023 11:45:33AM

S5-2'

E305039-18

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319005 |
| Benzene   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Toluene   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 05/08/23     | 05/09/23 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 105 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 112 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: Toluene-d8                                 |        | 97.8 %          | 70-130   | 05/08/23     | 05/09/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319005 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 05/08/23     | 05/09/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 105 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 112 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: Toluene-d8                                 |        | 97.8 %          | 70-130   | 05/08/23     | 05/09/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2319030 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 05/09/23     | 05/10/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 05/09/23     | 05/10/23 |                |
| Surrogate: n-Nonane                                   |        | 89.8 %          | 50-200   | 05/09/23     | 05/10/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RAS |          | Batch: 2319009 |
| Chloride  | 316    | 20.0            | 1        | 05/08/23     | 05/12/23 |                |



## Sample Data

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

Project Name: Marwari 28 CTB 1-1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
5/12/2023 11:45:33AM

S5-3'

E305039-19

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319005 |
| Benzene   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Toluene   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 05/08/23     | 05/09/23 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 104 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 108 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: Toluene-d8                                 |        | 98.3 %          | 70-130   | 05/08/23     | 05/09/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319005 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 05/08/23     | 05/09/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 104 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 108 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: Toluene-d8                                 |        | 98.3 %          | 70-130   | 05/08/23     | 05/09/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2319030 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 05/09/23     | 05/10/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 05/09/23     | 05/10/23 |                |
| Surrogate: n-Nonane                                   |        | 91.8 %          | 50-200   | 05/09/23     | 05/10/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RAS |          | Batch: 2319009 |
| Chloride  | 155    | 20.0            | 1        | 05/08/23     | 05/12/23 |                |





## Sample Data

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

Project Name: Marwari 28 CTB 1-1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
5/12/2023 11:45:33AM

S5-4'

E305039-20

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319005 |
| Benzene   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Toluene   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 05/08/23     | 05/09/23 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 106 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 103 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: Toluene-d8                                 |        | 99.5 %          | 70-130   | 05/08/23     | 05/09/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319005 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 05/08/23     | 05/09/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 106 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 103 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: Toluene-d8                                 |        | 99.5 %          | 70-130   | 05/08/23     | 05/09/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2319030 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 05/09/23     | 05/10/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 05/09/23     | 05/10/23 |                |
| Surrogate: n-Nonane                                   |        | 95.0 %          | 50-200   | 05/09/23     | 05/10/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RAS |          | Batch: 2319041 |
| Chloride  | 27.3   | 20.0            | 1        | 05/10/23     | 05/10/23 |                |



## QC Summary Data

|                                      |                  |                    |                      |
|--------------------------------------|------------------|--------------------|----------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Marwari 28 CTB 1-1 | Reported:            |
| PO Box 247                           | Project Number:  | 01058-0007         |                      |
| Plains TX, 79355-0247                | Project Manager: | Tom Bynum          | 5/12/2023 11:45:33AM |

## Volatile Organic Compounds by EPA 8260B

Analyst: SL

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

## Blank (2319005-BLK1)

Prepared: 05/08/23 Analyzed: 05/08/23

|                                  |       |        |       |  |      |        |  |  |  |
|----------------------------------|-------|--------|-------|--|------|--------|--|--|--|
| Benzene                          | ND    | 0.0250 |       |  |      |        |  |  |  |
| Ethylbenzene                     | ND    | 0.0250 |       |  |      |        |  |  |  |
| Toluene                          | ND    | 0.0250 |       |  |      |        |  |  |  |
| o-Xylene                         | ND    | 0.0250 |       |  |      |        |  |  |  |
| p,m-Xylene                       | ND    | 0.0500 |       |  |      |        |  |  |  |
| Total Xylenes                    | ND    | 0.0250 |       |  |      |        |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.542 |        | 0.500 |  | 108  | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.564 |        | 0.500 |  | 113  | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.496 |        | 0.500 |  | 99.1 | 70-130 |  |  |  |

## LCS (2319005-BS1)

Prepared: 05/08/23 Analyzed: 05/08/23

|                                  |       |        |       |  |      |        |  |  |  |
|----------------------------------|-------|--------|-------|--|------|--------|--|--|--|
| Benzene                          | 2.55  | 0.0250 | 2.50  |  | 102  | 70-130 |  |  |  |
| Ethylbenzene                     | 2.42  | 0.0250 | 2.50  |  | 96.9 | 70-130 |  |  |  |
| Toluene                          | 2.44  | 0.0250 | 2.50  |  | 97.6 | 70-130 |  |  |  |
| o-Xylene                         | 2.38  | 0.0250 | 2.50  |  | 95.2 | 70-130 |  |  |  |
| p,m-Xylene                       | 4.73  | 0.0500 | 5.00  |  | 94.7 | 70-130 |  |  |  |
| Total Xylenes                    | 7.11  | 0.0250 | 7.50  |  | 94.8 | 70-130 |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.545 |        | 0.500 |  | 109  | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.566 |        | 0.500 |  | 113  | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.493 |        | 0.500 |  | 98.5 | 70-130 |  |  |  |

## Matrix Spike (2319005-MS1)

Source: E305039-02

Prepared: 05/08/23 Analyzed: 05/08/23

|                                  |       |        |       |    |      |        |  |  |  |
|----------------------------------|-------|--------|-------|----|------|--------|--|--|--|
| Benzene                          | 2.73  | 0.0250 | 2.50  | ND | 109  | 48-131 |  |  |  |
| Ethylbenzene                     | 2.68  | 0.0250 | 2.50  | ND | 107  | 45-135 |  |  |  |
| Toluene                          | 2.69  | 0.0250 | 2.50  | ND | 107  | 48-130 |  |  |  |
| o-Xylene                         | 2.65  | 0.0250 | 2.50  | ND | 106  | 43-135 |  |  |  |
| p,m-Xylene                       | 5.22  | 0.0500 | 5.00  | ND | 104  | 43-135 |  |  |  |
| Total Xylenes                    | 7.87  | 0.0250 | 7.50  | ND | 105  | 43-135 |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.552 |        | 0.500 |    | 110  | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.562 |        | 0.500 |    | 112  | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.494 |        | 0.500 |    | 98.8 | 70-130 |  |  |  |

## Matrix Spike Dup (2319005-MSD1)

Source: E305039-02

Prepared: 05/08/23 Analyzed: 05/08/23

|                                  |       |        |       |    |      |        |      |    |  |
|----------------------------------|-------|--------|-------|----|------|--------|------|----|--|
| Benzene                          | 2.53  | 0.0250 | 2.50  | ND | 101  | 48-131 | 7.58 | 23 |  |
| Ethylbenzene                     | 2.48  | 0.0250 | 2.50  | ND | 99.4 | 45-135 | 7.46 | 27 |  |
| Toluene                          | 2.48  | 0.0250 | 2.50  | ND | 99.3 | 48-130 | 7.90 | 24 |  |
| o-Xylene                         | 2.48  | 0.0250 | 2.50  | ND | 99.4 | 43-135 | 6.43 | 27 |  |
| p,m-Xylene                       | 4.88  | 0.0500 | 5.00  | ND | 97.5 | 43-135 | 6.75 | 27 |  |
| Total Xylenes                    | 7.36  | 0.0250 | 7.50  | ND | 98.1 | 43-135 | 6.64 | 27 |  |
| Surrogate: Bromofluorobenzene    | 0.552 |        | 0.500 |    | 110  | 70-130 |      |    |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.546 |        | 0.500 |    | 109  | 70-130 |      |    |  |
| Surrogate: Toluene-d8            | 0.502 |        | 0.500 |    | 100  | 70-130 |      |    |  |



## QC Summary Data

|                                      |                  |                    |  |
|--------------------------------------|------------------|--------------------|--|
| Pima Environmental Services-Carlsbad | Project Name:    | Marwari 28 CTB 1-1 | <b>Reported:</b><br>5/12/2023 11:45:33AM |
| PO Box 247                           | Project Number:  | 01058-0007         |  |
| Plains TX, 79355-0247                | Project Manager: | Tom Bynum          |  |

## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

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

## Blank (2319005-BLK1)

Prepared: 05/08/23 Analyzed: 05/08/23

|                                  |       |      |       |  |      |        |  |  |  |
|----------------------------------|-------|------|-------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | ND    | 20.0 |       |  |      |        |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.542 |      | 0.500 |  | 108  | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.564 |      | 0.500 |  | 113  | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.496 |      | 0.500 |  | 99.1 | 70-130 |  |  |  |

## LCS (2319005-BS2)

Prepared: 05/08/23 Analyzed: 05/08/23

|                                  |       |      |       |  |      |        |  |  |  |
|----------------------------------|-------|------|-------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 42.2  | 20.0 | 50.0  |  | 84.4 | 70-130 |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.542 |      | 0.500 |  | 108  | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.530 |      | 0.500 |  | 106  | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.503 |      | 0.500 |  | 101  | 70-130 |  |  |  |

## Matrix Spike (2319005-MS2)

Source: E305039-02

Prepared: 05/08/23 Analyzed: 05/08/23

|                                  |       |      |       |    |      |        |  |  |  |
|----------------------------------|-------|------|-------|----|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 41.5  | 20.0 | 50.0  | ND | 83.0 | 70-130 |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.536 |      | 0.500 |    | 107  | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.537 |      | 0.500 |    | 107  | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.506 |      | 0.500 |    | 101  | 70-130 |  |  |  |

## Matrix Spike Dup (2319005-MSD2)

Source: E305039-02

Prepared: 05/08/23 Analyzed: 05/08/23

|                                  |       |      |       |    |      |        |      |    |  |
|----------------------------------|-------|------|-------|----|------|--------|------|----|--|
| Gasoline Range Organics (C6-C10) | 40.1  | 20.0 | 50.0  | ND | 80.3 | 70-130 | 3.39 | 20 |  |
| Surrogate: Bromofluorobenzene    | 0.550 |      | 0.500 |    | 110  | 70-130 |      |    |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.576 |      | 0.500 |    | 115  | 70-130 |      |    |  |
| Surrogate: Toluene-d8            | 0.498 |      | 0.500 |    | 99.6 | 70-130 |      |    |  |





QC Summary Data

|                                      |                  |                    |                                       |
|--------------------------------------|------------------|--------------------|---------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Marwari 28 CTB 1-1 | Reported:<br><br>5/12/2023 11:45:33AM |
| PO Box 247                           | Project Number:  | 01058-0007         |                                       |
| Plains TX, 79355-0247                | Project Manager: | Tom Bynum          |                                       |

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

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

|                                 |      |      |      |  |                                       |        |  |  |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| Blank (2319030-BLK1)            |      |      |      |  | Prepared: 05/09/23 Analyzed: 05/09/23 |        |  |  |  |
| Diesel Range Organics (C10-C28) | ND   | 25.0 |      |  |                                       |        |  |  |  |
| Oil Range Organics (C28-C36)    | ND   | 50.0 |      |  |                                       |        |  |  |  |
| Surrogate: n-Nonane             | 46.6 |      | 50.0 |  | 93.2                                  | 50-200 |  |  |  |

|                                 |      |      |      |  |                                       |        |  |  |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| LCS (2319030-BS1)               |      |      |      |  | Prepared: 05/09/23 Analyzed: 05/09/23 |        |  |  |  |
| Diesel Range Organics (C10-C28) | 255  | 25.0 | 250  |  | 102                                   | 38-132 |  |  |  |
| Surrogate: n-Nonane             | 46.2 |      | 50.0 |  | 92.5                                  | 50-200 |  |  |  |

|                                 |      |      |      |    |                    |        |                                       |  |  |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|--|--|
| Matrix Spike (2319030-MS1)      |      |      |      |    | Source: E305039-12 |        | Prepared: 05/09/23 Analyzed: 05/09/23 |  |  |
| Diesel Range Organics (C10-C28) | 257  | 25.0 | 250  | ND | 103                | 38-132 |                                       |  |  |
| Surrogate: n-Nonane             | 46.5 |      | 50.0 |    | 92.9               | 50-200 |                                       |  |  |

|                                 |      |      |      |    |                    |        |                                       |    |  |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|----|--|
| Matrix Spike Dup (2319030-MSD1) |      |      |      |    | Source: E305039-12 |        | Prepared: 05/09/23 Analyzed: 05/09/23 |    |  |
| Diesel Range Organics (C10-C28) | 262  | 25.0 | 250  | ND | 105                | 38-132 | 2.00                                  | 20 |  |
| Surrogate: n-Nonane             | 47.7 |      | 50.0 |    | 95.4               | 50-200 |                                       |    |  |



QC Summary Data

|                                      |                  |                    |                      |
|--------------------------------------|------------------|--------------------|----------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Marwari 28 CTB 1-1 | Reported:            |
| PO Box 247                           | Project Number:  | 01058-0007         |                      |
| Plains TX, 79355-0247                | Project Manager: | Tom Bynum          | 5/12/2023 11:45:33AM |

Anions by EPA 300.0/9056A

Analyst: RAS

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

|                                 |      |      |     |      |                                       |        |                                       |    |  |
|---------------------------------|------|------|-----|------|---------------------------------------|--------|---------------------------------------|----|--|
| Blank (2319009-BLK1)            |      |      |     |      | Prepared: 05/08/23 Analyzed: 05/10/23 |        |                                       |    |  |
| Chloride                        | ND   | 20.0 |     |      |                                       |        |                                       |    |  |
| LCS (2319009-BS1)               |      |      |     |      | Prepared: 05/08/23 Analyzed: 05/10/23 |        |                                       |    |  |
| Chloride                        | 250  | 20.0 | 250 |      | 99.9                                  | 90-110 |                                       |    |  |
| Matrix Spike (2319009-MS1)      |      |      |     |      | Source: E305039-01                    |        | Prepared: 05/08/23 Analyzed: 05/10/23 |    |  |
| Chloride                        | 1320 | 20.0 | 250 | 1060 | 105                                   | 80-120 |                                       |    |  |
| Matrix Spike Dup (2319009-MSD1) |      |      |     |      | Source: E305039-01                    |        | Prepared: 05/08/23 Analyzed: 05/10/23 |    |  |
| Chloride                        | 1300 | 20.0 | 250 | 1060 | 93.9                                  | 80-120 | 2.18                                  | 20 |  |



QC Summary Data

|                                      |                  |                    |                      |
|--------------------------------------|------------------|--------------------|----------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Marwari 28 CTB 1-1 | Reported:            |
| PO Box 247                           | Project Number:  | 01058-0007         |                      |
| Plains TX, 79355-0247                | Project Manager: | Tom Bynum          | 5/12/2023 11:45:33AM |

Anions by EPA 300.0/9056A

Analyst: RAS

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

|                                 |     |      |     |      |                                       |        |                                       |    |  |
|---------------------------------|-----|------|-----|------|---------------------------------------|--------|---------------------------------------|----|--|
| Blank (2319041-BLK1)            |     |      |     |      | Prepared: 05/10/23 Analyzed: 05/10/23 |        |                                       |    |  |
| Chloride                        | ND  | 20.0 |     |      |                                       |        |                                       |    |  |
| LCS (2319041-BS1)               |     |      |     |      | Prepared: 05/10/23 Analyzed: 05/10/23 |        |                                       |    |  |
| Chloride                        | 242 | 20.0 | 250 |      | 97.0                                  | 90-110 |                                       |    |  |
| Matrix Spike (2319041-MS1)      |     |      |     |      | Source: E305039-20                    |        | Prepared: 05/10/23 Analyzed: 05/10/23 |    |  |
| Chloride                        | 272 | 20.0 | 250 | 27.3 | 98.1                                  | 80-120 |                                       |    |  |
| Matrix Spike Dup (2319041-MSD1) |     |      |     |      | Source: E305039-20                    |        | Prepared: 05/10/23 Analyzed: 05/10/23 |    |  |
| Chloride                        | 265 | 20.0 | 250 | 27.3 | 95.2                                  | 80-120 | 2.64                                  | 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 1-1 |                |
| PO Box 247                           | Project Number:  | 01058-0007         | Reported:      |
| Plains TX, 79355-0247                | Project Manager: | Tom Bynum          | 05/12/23 11:45 |

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

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

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



## Project Information

## Chain of Custody

Page 1 of 4

|  |  |                           |  |                       |  |                             |  |             |    |    |          |      |      |
|--|--|---------------------------|--|-----------------------|--|-----------------------------|--|-------------|----|----|----------|------|------|
| Client: Pima Environmental Services      |  | Bill To                   |  | Lab Use Only          |  | TAT                         |  | EPA Program |    |    |          |      |      |
| Project: <u>Marwari 28 CTB 1</u>         |  | Attention: <u>Devon</u>   |  | Lab WO# <u>305039</u> |  | Job Number <u>01058-007</u> |  | 1D          | 2D | 3D | Standard | CWA  | SDWA |
| Project Manager: Tom Bynum               |  | Address:                  |  | Analysis and Method   |  |                             |  |             |    |    |          | RCRA |      |
| Address: <u>5614 N. Lovington Hwy.</u>   |  | City, State, Zip          |  |                       |  |                             |  |             |    |    |          |      |      |
| City, State, Zip <u>Hobbs, NM, 88240</u> |  | Phone:                    |  |                       |  |                             |  |             |    |    |          |      |      |
| Phone: <u>580-748-1613</u>               |  | Email:                    |  |                       |  |                             |  |             |    |    |          |      |      |
| Email: <u>tom@pimaoil.com</u>            |  | Pima Project # <u>139</u> |  |                       |  |                             |  |             |    |    |          |      |      |
| Report due by:                           |  |                           |  |                       |  |                             |  |             |    |    |          |      |      |

| Time Sampled       | Date Sampled | Matrix | No. of Containers | Sample ID | Lab Number | DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM | BGDOC TX | Remarks |
|--------------------|--------------|--------|-------------------|-----------|------------|-----------------|-----------------|--------------|-------------|-------------|----------------|----------|----------|---------|
| 9:05 <sup>AM</sup> | 5/4/23       | S      | 1                 | S1-1      | 1          |                 |                 |              |             |             |                | X        |          |         |
| 9:10 <sup>AM</sup> | 5/4/23       |        |                   | S1-2      | 2          |                 |                 |              |             |             |                |          |          |         |
| 9:15 <sup>AM</sup> | 5/4/23       |        |                   | S1-3      | 3          |                 |                 |              |             |             |                |          |          |         |
| 9:20 <sup>AM</sup> | 5/4/23       |        |                   | S1-4      | 4          |                 |                 |              |             |             |                |          |          |         |
| 9:25 <sup>AM</sup> | 5/4/23       |        |                   | S2-1      | 5          |                 |                 |              |             |             |                |          |          |         |
| 9:30 <sup>AM</sup> | 5/4/23       |        |                   | S2-2      | 6          |                 |                 |              |             |             |                |          |          |         |
| 9:35 <sup>AM</sup> | 5/4/23       |        |                   | S2-3      | 7          |                 |                 |              |             |             |                |          |          |         |
| 9:40 <sup>AM</sup> | 5/4/23       |        |                   | S2-4      | 8          |                 |                 |              |             |             |                |          |          |         |
| 9:45 <sup>AM</sup> | 5/4/23       |        |                   | S3-1      | 9          |                 |                 |              |             |             |                |          |          |         |
| 9:50 <sup>AM</sup> | 5/4/23       |        |                   | S3-2      | 10         |                 |                 |              |             |             |                |          |          |         |

## Additional Instructions:

Billing # 21161793

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

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 5 °C on subsequent days.

|                              |  |        |       |                          |  |        |       |                                 |  |
|------------------------------|--|--------|-------|--------------------------|--|--------|-------|---------------------------------|--|
| Relinquished by: (Signature) |  | Date   | Time  | Received by: (Signature) |  | Date   | Time  | Lab Use Only                    |  |
| <u>Kerime Adame</u>          |  | 5-5-23 | 14:42 | <u>[Signature]</u>       |  | 5-5-23 | 14:47 | Received on ice: <u>(Y) / N</u> |  |
| Relinquished by: (Signature) |  | Date   | Time  | Received by: (Signature) |  | Date   | Time  | T1                              |  |
| <u>[Signature]</u>           |  | 5-5-23 | 2300  | <u>[Signature]</u>       |  | 5-8-23 | 7:45  | T2                              |  |
| Relinquished by: (Signature) |  | Date   | Time  | Received by: (Signature) |  | Date   | Time  | T3                              |  |
| <u>[Signature]</u>           |  |        |       | <u>[Signature]</u>       |  |        |       | AVG Temp °C <u>4</u>            |  |

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

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

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

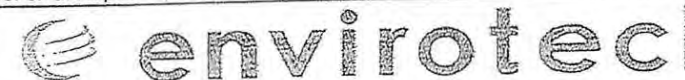
envirotech



## Project Information

## Chain of Custody

|   |              |        |                   |                          |                           |        |                       |                               |                              |  |              |    |             |          |                |      |
|---|--------------|--------|-------------------|--------------------------|---------------------------|--------|-----------------------|-------------------------------|------------------------------|--|--------------|----|-------------|----------|----------------|------|
| Client: Pima Environmental Services   |              |        |                   |                          | Bill To                   |        | Lab Use Only          |                               | TAT                          |  |              |    | EPA Program |          |                |      |
| Project: <u>Marwari 28 STH 1</u>  |              |        |                   |                          | Attention: <u>Devon</u>   |        | Lab WO# <u>305039</u> |                               | Job Number <u>01058-0007</u> |  | 1D           | 2D | 3D          | Standard | CWA            | SDWA |
| Project Manager: Tom Bynum  |              |        |                   |                          | Address:                  |        | Analysis and Method   |                               |                              |  |              |    |             |          | RCRA           |      |
| Address: <u>56 14 N. Lovington Hwy.</u>   |              |        |                   |                          | City, State, Zip          |        | DRO/ORO by 8015       |                               | GRO/DRO by 8015              |  | BTEX by 8021 |    | VOC by 8260 |          | Metals 6010    |      |
| City, State, Zip <u>Hobbs, NM. 88240</u>  |              |        |                   |                          | Phone:                    |        | Chloride 300.0        |                               |                              |  |              |    | BGDOC NM    |          | BGDOC TX       |      |
| Phone: <u>580-748-1613</u>  |              |        |                   |                          | Email:                    |        |                       |                               |                              |  |              |    |             |          |                |      |
| Email: <u>tom@pimaoil.com</u>   |              |        |                   |                          | Pima Project # <u>139</u> |        |                       |                               |                              |  |              |    |             |          | State          |      |
| Report due by:  |              |        |                   |                          |                           |        |                       |                               |                              |  |              |    |             |          | NM CO UT AZ TX |      |
|   |              |        |                   |                          |                           |        |                       |                               |                              |  |              |    |             |          | Remarks        |      |
| Time Sampled  | Date Sampled | Matrix | No. of Containers | Sample ID                | Lab Number                |        |                       |                               |                              |  |              |    |             |          |                |      |
| 9:55  | 5/4/23       | S      | 1                 | S3-3'                    | 11                        |        |                       |                               |                              |  |              |    |             | X        |                |      |
| 10:00   | 5/4/23       |        | 1                 | S3-4'                    | 12                        |        |                       |                               |                              |  |              |    |             |          |                |      |
| 10:05   | 5/4/23       |        |                   | S4-1'                    | 13                        |        |                       |                               |                              |  |              |    |             |          |                |      |
| 10:10   | 5/4/23       |        |                   | S4-2'                    | 14                        |        |                       |                               |                              |  |              |    |             |          |                |      |
| 10:15   | 5/4/23       |        |                   | S4-3'                    | 15                        |        |                       |                               |                              |  |              |    |             |          |                |      |
| 10:20   | 5/4/23       |        |                   | S4-4'                    | 16                        |        |                       |                               |                              |  |              |    |             |          |                |      |
| 10:25   | 5/4/23       |        |                   | S5-1'                    | 17                        |        |                       |                               |                              |  |              |    |             |          |                |      |
| 10:30   | 5/4/23       |        |                   | S5-2'                    | 18                        |        |                       |                               |                              |  |              |    |             |          |                |      |
| 10:35   | 5/4/23       |        |                   | S5-3'                    | 19                        |        |                       |                               |                              |  |              |    |             |          |                |      |
| 10:40   | 5/4/23       |        |                   | S5-4'                    | 20                        |        |                       |                               |                              |  |              |    |             |          |                |      |
| Additional Instructions: <u>Billing # 21161793</u>  |              |        |                   |                          |                           |        |                       |                               |                              |  |              |    |             |          |                |      |
| I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.   |              |        |                   |                          |                           |        |                       |                               |                              |  |              |    |             |          |                |      |
| Sampled by:   |              |        |                   |                          |                           |        |                       |                               |                              |  |              |    |             |          |                |      |
| Relinquished by: (Signature)  |              | Date   | Time              | Received by: (Signature) |                           | Date   | Time                  | Lab Use Only                  |                              |  |              |    |             |          |                |      |
| <u>Kerime Adams</u>   |              | 5-5-23 | 14:42             | <u>Devon</u>             |                           | 5-8-23 | 14:47                 | Received on ice: <u>Y</u> / N |                              |  |              |    |             |          |                |      |
| Relinquished by: (Signature)  |              | Date   | Time              | Received by: (Signature) |                           | Date   | Time                  | T1: T2: T3:                   |                              |  |              |    |             |          |                |      |
| <u>[Signature]</u>  |              | 5-8-23 | 2000              | <u>[Signature]</u>       |                           | 5-8-23 | 7:45                  |                               |                              |  |              |    |             |          |                |      |
| Relinquished by: (Signature)  |              | Date   | Time              | Received by: (Signature) |                           | Date   | Time                  | AVG Temp °C <u>4</u>          |                              |  |              |    |             |          |                |      |
| <u>[Signature]</u>  |              |        |                   | <u>[Signature]</u>       |                           |        |                       |                               |                              |  |              |    |             |          |                |      |
| Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other  |              |        |                   |                          |                           |        |                       |                               |                              |  |              |    |             |          |                |      |
| Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA  |              |        |                   |                          |                           |        |                       |                               |                              |  |              |    |             |          |                |      |
| Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report. |              |        |                   |                          |                           |        |                       |                               |                              |  |              |    |             |          |                |      |



## Envirotech Analytical Laboratory

Printed: 5/8/2023 11:29:15AM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

|         |                                      |                 |                            |                |                |
|---------|--------------------------------------|-----------------|----------------------------|----------------|----------------|
| Client: | Pima Environmental Services-Carlsbad | Date Received:  | 05/08/23 07:45             | Work Order ID: | E305039        |
| Phone:  | (575) 631-6977                       | Date Logged In: | 05/08/23 08:37             | Logged In By:  | Alexa Michaels |
| Email:  | tom@pimaoil.com                      | Due Date:       | 05/12/23 17:00 (4 day TAT) |                |                |

Chain of Custody (COC)

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

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 1-1 has been separated into 2 reports due to sample volume. Workorders are as follows E305039 & E305040.

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:  
Tom Bynum



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Marwari 28 CTB 1-1

Work Order: E305040

Job Number: 01058-0007

Received: 5/8/2023

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
5/12/23

5796 U.S. Hwy 64  
Farmington, NM 87401

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



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.  
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.  
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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: 5/12/23



Tom Bynum  
PO Box 247  
Plains, TX 79355-0247

Project Name: Marwari 28 CTB 1-1  
Workorder: E305040  
Date Received: 5/8/2023 7:45:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/8/2023 7:45:00AM, under the Project Name: Marwari 28 CTB 1-1.

The analytical test results summarized in this report with the Project Name: Marwari 28 CTB 1-1 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)

**Raina Schwanz**  
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**Alexa Michaels**  
Sample Custody Officer  
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**West Texas Midland/Odessa Area**  
**Rayny Hagan**  
Technical Representative  
Office: 505-421-LABS(5227)

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

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## Sample Summary

|                                      |                  |                    |                |
|--------------------------------------|------------------|--------------------|----------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Marwari 28 CTB 1-1 | Reported:      |
| PO Box 247                           | Project Number:  | 01058-0007         |                |
| Plains TX, 79355-0247                | Project Manager: | Tom Bynum          | 05/12/23 11:15 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled  | Received | Container        |
|------------------|---------------|--------|----------|----------|------------------|
| S6-1'            | E305040-01A   | Soil   | 05/04/23 | 05/08/23 | Glass Jar, 2 oz. |
| S6-2'            | E305040-02A   | Soil   | 05/04/23 | 05/08/23 | Glass Jar, 2 oz. |
| S6-3'            | E305040-03A   | Soil   | 05/04/23 | 05/08/23 | Glass Jar, 2 oz. |
| S6-4'            | E305040-04A   | Soil   | 05/04/23 | 05/08/23 | Glass Jar, 2 oz. |
| S7-1'            | E305040-05A   | Soil   | 05/04/23 | 05/08/23 | Glass Jar, 2 oz. |
| S7-2'            | E305040-06A   | Soil   | 05/04/23 | 05/08/23 | Glass Jar, 2 oz. |
| S7-3'            | E305040-07A   | Soil   | 05/04/23 | 05/08/23 | Glass Jar, 2 oz. |
| S7-4'            | E305040-08A   | Soil   | 05/04/23 | 05/08/23 | Glass Jar, 2 oz. |
| SW1              | E305040-09A   | Soil   | 05/04/23 | 05/08/23 | Glass Jar, 2 oz. |
| SW2              | E305040-10A   | Soil   | 05/04/23 | 05/08/23 | Glass Jar, 2 oz. |
| SW3              | E305040-11A   | Soil   | 05/04/23 | 05/08/23 | Glass Jar, 2 oz. |
| SW4              | E305040-12A   | Soil   | 05/04/23 | 05/08/23 | Glass Jar, 2 oz. |
| SW5              | E305040-13A   | Soil   | 05/04/23 | 05/08/23 | Glass Jar, 2 oz. |
| SW6              | E305040-14A   | Soil   | 05/04/23 | 05/08/23 | Glass Jar, 2 oz. |
| SW7              | E305040-15A   | Soil   | 05/04/23 | 05/08/23 | Glass Jar, 2 oz. |
| SW8              | E305040-16A   | Soil   | 05/04/23 | 05/08/23 | Glass Jar, 2 oz. |
| BG1              | E305040-17A   | Soil   | 05/04/23 | 05/08/23 | Glass Jar, 2 oz. |





## Sample Data

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

Project Name: Marwari 28 CTB 1-1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
5/12/2023 11:15:20AM

S6-1'

E305040-01

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319010 |
| Benzene   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Toluene   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 05/08/23     | 05/09/23 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Surrogate: Bromofluorobenzene                         | 107 %  | 70-130          |          | 05/08/23     | 05/09/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 106 %  | 70-130          |          | 05/08/23     | 05/09/23 |                |
| Surrogate: Toluene-d8                                 | 96.6 % | 70-130          |          | 05/08/23     | 05/09/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319010 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 05/08/23     | 05/09/23 |                |
| Surrogate: Bromofluorobenzene                         | 107 %  | 70-130          |          | 05/08/23     | 05/09/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 106 %  | 70-130          |          | 05/08/23     | 05/09/23 |                |
| Surrogate: Toluene-d8                                 | 96.6 % | 70-130          |          | 05/08/23     | 05/09/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2319036 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 05/10/23     | 05/10/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 05/10/23     | 05/10/23 |                |
| Surrogate: n-Nonane                                   | 103 %  | 50-200          |          | 05/10/23     | 05/10/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RAS |          | Batch: 2319006 |
| Chloride  | 612    | 20.0            | 1        | 05/10/23     | 05/11/23 |                |



## Sample Data

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

Project Name: Marwari 28 CTB 1-1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
5/12/2023 11:15:20AM

S6-2'

E305040-02

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319010 |
| Benzene   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Toluene   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 05/08/23     | 05/09/23 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 107 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 114 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: Toluene-d8                                 |        | 97.7 %          | 70-130   | 05/08/23     | 05/09/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319010 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 05/08/23     | 05/09/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 107 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 114 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: Toluene-d8                                 |        | 97.7 %          | 70-130   | 05/08/23     | 05/09/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2319036 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 05/10/23     | 05/10/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 05/10/23     | 05/10/23 |                |
| Surrogate: n-Nonane                                   |        | 102 %           | 50-200   | 05/10/23     | 05/10/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RAS |          | Batch: 2319006 |
| Chloride  | 335    | 20.0            | 1        | 05/10/23     | 05/11/23 |                |



## Sample Data

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

Project Name: Marwari 28 CTB 1-1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
5/12/2023 11:15:20AM

S6-3'

E305040-03

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319010 |
| Benzene   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Toluene   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 05/08/23     | 05/09/23 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 104 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 105 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: Toluene-d8                                 |        | 98.8 %          | 70-130   | 05/08/23     | 05/09/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319010 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 05/08/23     | 05/09/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 104 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 105 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: Toluene-d8                                 |        | 98.8 %          | 70-130   | 05/08/23     | 05/09/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2319036 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 05/10/23     | 05/10/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 05/10/23     | 05/10/23 |                |
| Surrogate: n-Nonane                                   |        | 97.6 %          | 50-200   | 05/10/23     | 05/10/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RAS |          | Batch: 2319006 |
| Chloride  | 144    | 20.0            | 1        | 05/10/23     | 05/11/23 |                |



## Sample Data

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

Project Name: Marwari 28 CTB 1-1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
5/12/2023 11:15:20AM

S6-4'

E305040-04

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319010 |
| Benzene   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Toluene   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 05/08/23     | 05/09/23 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 108 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 112 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: Toluene-d8                                 |        | 98.3 %          | 70-130   | 05/08/23     | 05/09/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319010 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 05/08/23     | 05/09/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 108 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 112 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: Toluene-d8                                 |        | 98.3 %          | 70-130   | 05/08/23     | 05/09/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2319036 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 05/10/23     | 05/10/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 05/10/23     | 05/10/23 |                |
| Surrogate: n-Nonane                                   |        | 97.5 %          | 50-200   | 05/10/23     | 05/10/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RAS |          | Batch: 2319006 |
| Chloride  | 114    | 20.0            | 1        | 05/10/23     | 05/11/23 |                |





## Sample Data

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

Project Name: Marwari 28 CTB 1-1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
5/12/2023 11:15:20AM

S7-1'

E305040-05

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319010 |
| Benzene   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Toluene   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 05/08/23     | 05/09/23 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 107 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 110 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: Toluene-d8                                 |        | 98.4 %          | 70-130   | 05/08/23     | 05/09/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319010 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 05/08/23     | 05/09/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 107 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 110 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: Toluene-d8                                 |        | 98.4 %          | 70-130   | 05/08/23     | 05/09/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2319036 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 05/10/23     | 05/10/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 05/10/23     | 05/10/23 |                |
| Surrogate: n-Nonane                                   |        | 103 %           | 50-200   | 05/10/23     | 05/10/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RAS |          | Batch: 2319006 |
| Chloride  | 867    | 20.0            | 1        | 05/10/23     | 05/11/23 |                |



## Sample Data

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

Project Name: Marwari 28 CTB 1-1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
5/12/2023 11:15:20AM

S7-2'

E305040-06

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319010 |
| Benzene   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Toluene   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 05/08/23     | 05/09/23 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 106 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 109 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: Toluene-d8                                 |        | 99.0 %          | 70-130   | 05/08/23     | 05/09/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319010 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 05/08/23     | 05/09/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 106 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 109 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: Toluene-d8                                 |        | 99.0 %          | 70-130   | 05/08/23     | 05/09/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2319036 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 05/10/23     | 05/10/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 05/10/23     | 05/10/23 |                |
| Surrogate: n-Nonane                                   |        | 105 %           | 50-200   | 05/10/23     | 05/10/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RAS |          | Batch: 2319006 |
| Chloride  | 273    | 20.0            | 1        | 05/10/23     | 05/11/23 |                |



## Sample Data

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

Project Name: Marwari 28 CTB 1-1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
5/12/2023 11:15:20AM

S7-3'

E305040-07

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319010 |
| Benzene   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Toluene   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 05/08/23     | 05/09/23 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 105 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 114 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: Toluene-d8                                 |        | 96.9 %          | 70-130   | 05/08/23     | 05/09/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319010 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 05/08/23     | 05/09/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 105 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 114 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: Toluene-d8                                 |        | 96.9 %          | 70-130   | 05/08/23     | 05/09/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2319036 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 05/10/23     | 05/10/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 05/10/23     | 05/10/23 |                |
| Surrogate: n-Nonane                                   |        | 105 %           | 50-200   | 05/10/23     | 05/10/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RAS |          | Batch: 2319006 |
| Chloride  | 154    | 20.0            | 1        | 05/10/23     | 05/11/23 |                |



## Sample Data

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

Project Name: Marwari 28 CTB 1-1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
5/12/2023 11:15:20AM

S7-4'

E305040-08

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319010 |
| Benzene   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Toluene   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 05/08/23     | 05/09/23 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 106 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 112 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: Toluene-d8                                 |        | 98.0 %          | 70-130   | 05/08/23     | 05/09/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319010 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 05/08/23     | 05/09/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 106 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 112 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: Toluene-d8                                 |        | 98.0 %          | 70-130   | 05/08/23     | 05/09/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2319036 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 05/10/23     | 05/10/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 05/10/23     | 05/10/23 |                |
| Surrogate: n-Nonane                                   |        | 105 %           | 50-200   | 05/10/23     | 05/10/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RAS |          | Batch: 2319006 |
| Chloride  | 121    | 20.0            | 1        | 05/10/23     | 05/11/23 |                |





## Sample Data

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

Project Name: Marwari 28 CTB 1-1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
5/12/2023 11:15:20AM

## SW1

## E305040-09

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319010 |
| Benzene   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Toluene   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 05/08/23     | 05/09/23 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 104 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 115 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: Toluene-d8                                 |        | 97.3 %          | 70-130   | 05/08/23     | 05/09/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319010 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 05/08/23     | 05/09/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 104 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 115 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: Toluene-d8                                 |        | 97.3 %          | 70-130   | 05/08/23     | 05/09/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2319036 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 05/10/23     | 05/10/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 05/10/23     | 05/10/23 |                |
| Surrogate: n-Nonane                                   |        | 106 %           | 50-200   | 05/10/23     | 05/10/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RAS |          | Batch: 2319006 |
| Chloride  | ND     | 20.0            | 1        | 05/10/23     | 05/11/23 |                |



## Sample Data

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

Project Name: Marwari 28 CTB 1-1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
5/12/2023 11:15:20AM

## SW2

## E305040-10

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319010 |
| Benzene   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Toluene   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 05/08/23     | 05/09/23 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 107 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 113 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: Toluene-d8                                 |        | 101 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319010 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 05/08/23     | 05/09/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 107 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 113 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: Toluene-d8                                 |        | 101 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2319036 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 05/10/23     | 05/10/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 05/10/23     | 05/10/23 |                |
| Surrogate: n-Nonane                                   |        | 107 %           | 50-200   | 05/10/23     | 05/10/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RAS |          | Batch: 2319006 |
| Chloride  | ND     | 20.0            | 1        | 05/10/23     | 05/11/23 |                |



## Sample Data

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

Project Name: Marwari 28 CTB 1-1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
5/12/2023 11:15:20AM

## SW3

## E305040-11

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319010 |
| Benzene   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Toluene   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 05/08/23     | 05/09/23 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 104 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 108 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: Toluene-d8                                 |        | 98.5 %          | 70-130   | 05/08/23     | 05/09/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319010 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 05/08/23     | 05/09/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 104 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 108 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: Toluene-d8                                 |        | 98.5 %          | 70-130   | 05/08/23     | 05/09/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2319036 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 05/10/23     | 05/11/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 05/10/23     | 05/11/23 |                |
| Surrogate: n-Nonane                                   |        | 104 %           | 50-200   | 05/10/23     | 05/11/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RAS |          | Batch: 2319006 |
| Chloride  | ND     | 20.0            | 1        | 05/10/23     | 05/11/23 |                |



## Sample Data

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

Project Name: Marwari 28 CTB 1-1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
5/12/2023 11:15:20AM

## SW4

## E305040-12

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319010 |
| Benzene   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Toluene   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 05/08/23     | 05/09/23 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 106 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 115 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: Toluene-d8                                 |        | 97.5 %          | 70-130   | 05/08/23     | 05/09/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319010 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 05/08/23     | 05/09/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 106 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 115 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: Toluene-d8                                 |        | 97.5 %          | 70-130   | 05/08/23     | 05/09/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2319036 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 05/10/23     | 05/11/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 05/10/23     | 05/11/23 |                |
| Surrogate: n-Nonane                                   |        | 103 %           | 50-200   | 05/10/23     | 05/11/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RAS |          | Batch: 2319006 |
| Chloride  | ND     | 20.0            | 1        | 05/10/23     | 05/11/23 |                |





## Sample Data

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

Project Name: Marwari 28 CTB 1-1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
5/12/2023 11:15:20AM

## SW5

## E305040-13

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319010 |
| Benzene   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Toluene   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 05/08/23     | 05/09/23 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 104 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 115 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: Toluene-d8                                 |        | 99.2 %          | 70-130   | 05/08/23     | 05/09/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319010 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 05/08/23     | 05/09/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 104 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 115 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: Toluene-d8                                 |        | 99.2 %          | 70-130   | 05/08/23     | 05/09/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2319036 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 05/10/23     | 05/11/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 05/10/23     | 05/11/23 |                |
| Surrogate: n-Nonane                                   |        | 104 %           | 50-200   | 05/10/23     | 05/11/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RAS |          | Batch: 2319006 |
| Chloride  | ND     | 20.0            | 1        | 05/10/23     | 05/11/23 |                |



## Sample Data

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

Project Name: Marwari 28 CTB 1-1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
5/12/2023 11:15:20AM

## SW6

## E305040-14

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319010 |
| Benzene   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Toluene   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 05/08/23     | 05/09/23 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 107 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 109 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: Toluene-d8                                 |        | 100 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319010 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 05/08/23     | 05/09/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 107 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 109 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: Toluene-d8                                 |        | 100 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2319036 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 05/10/23     | 05/11/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 05/10/23     | 05/11/23 |                |
| Surrogate: n-Nonane                                   |        | 103 %           | 50-200   | 05/10/23     | 05/11/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RAS |          | Batch: 2319006 |
| Chloride  | ND     | 20.0            | 1        | 05/10/23     | 05/11/23 |                |



## Sample Data

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

Project Name: Marwari 28 CTB 1-1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
5/12/2023 11:15:20AM

SW7

E305040-15

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319010 |
| Benzene   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Toluene   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 05/08/23     | 05/09/23 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 108 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 111 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: Toluene-d8                                 |        | 101 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319010 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 05/08/23     | 05/09/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 108 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 111 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: Toluene-d8                                 |        | 101 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2319036 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 05/10/23     | 05/11/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 05/10/23     | 05/11/23 |                |
| Surrogate: n-Nonane                                   |        | 103 %           | 50-200   | 05/10/23     | 05/11/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RAS |          | Batch: 2319006 |
| Chloride  | ND     | 20.0            | 1        | 05/10/23     | 05/11/23 |                |



## Sample Data

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

Project Name: Marwari 28 CTB 1-1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
5/12/2023 11:15:20AM

## SW8

## E305040-16

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319010 |
| Benzene   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Toluene   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 05/08/23     | 05/09/23 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 104 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 111 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: Toluene-d8                                 |        | 98.8 %          | 70-130   | 05/08/23     | 05/09/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319010 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 05/08/23     | 05/09/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 104 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 111 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: Toluene-d8                                 |        | 98.8 %          | 70-130   | 05/08/23     | 05/09/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2319036 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 05/10/23     | 05/11/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 05/10/23     | 05/11/23 |                |
| Surrogate: n-Nonane                                   |        | 103 %           | 50-200   | 05/10/23     | 05/11/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RAS |          | Batch: 2319006 |
| Chloride  | ND     | 20.0            | 1        | 05/10/23     | 05/11/23 |                |





## Sample Data

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

Project Name: Marwari 28 CTB 1-1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
5/12/2023 11:15:20AM

## BG1

## E305040-17

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319010 |
| Benzene   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Toluene   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 05/08/23     | 05/09/23 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 05/08/23     | 05/09/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 105 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 108 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: Toluene-d8                                 |        | 98.9 %          | 70-130   | 05/08/23     | 05/09/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL  |          | Batch: 2319010 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 05/08/23     | 05/09/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 105 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 108 %           | 70-130   | 05/08/23     | 05/09/23 |                |
| Surrogate: Toluene-d8                                 |        | 98.9 %          | 70-130   | 05/08/23     | 05/09/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2319036 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 05/10/23     | 05/11/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 05/10/23     | 05/11/23 |                |
| Surrogate: n-Nonane                                   |        | 106 %           | 50-200   | 05/10/23     | 05/11/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RAS |          | Batch: 2319006 |
| Chloride  | ND     | 20.0            | 1        | 05/10/23     | 05/11/23 |                |



## QC Summary Data

|                                      |                  |                    |                      |
|--------------------------------------|------------------|--------------------|----------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Marwari 28 CTB 1-1 | Reported:            |
| PO Box 247                           | Project Number:  | 01058-0007         |                      |
| Plains TX, 79355-0247                | Project Manager: | Tom Bynum          | 5/12/2023 11:15:20AM |

## Volatile Organic Compounds by EPA 8260B

Analyst: SL

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

## Blank (2319010-BLK1)

Prepared: 05/08/23 Analyzed: 05/09/23

|                                  |       |        |       |  |      |        |  |  |  |
|----------------------------------|-------|--------|-------|--|------|--------|--|--|--|
| Benzene                          | ND    | 0.0250 |       |  |      |        |  |  |  |
| Ethylbenzene                     | ND    | 0.0250 |       |  |      |        |  |  |  |
| Toluene                          | ND    | 0.0250 |       |  |      |        |  |  |  |
| o-Xylene                         | ND    | 0.0250 |       |  |      |        |  |  |  |
| p,m-Xylene                       | ND    | 0.0500 |       |  |      |        |  |  |  |
| Total Xylenes                    | ND    | 0.0250 |       |  |      |        |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.513 |        | 0.500 |  | 103  | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.549 |        | 0.500 |  | 110  | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.494 |        | 0.500 |  | 98.8 | 70-130 |  |  |  |

## LCS (2319010-BS1)

Prepared: 05/08/23 Analyzed: 05/09/23

|                                  |       |        |       |  |     |        |  |  |  |
|----------------------------------|-------|--------|-------|--|-----|--------|--|--|--|
| Benzene                          | 2.69  | 0.0250 | 2.50  |  | 107 | 70-130 |  |  |  |
| Ethylbenzene                     | 2.57  | 0.0250 | 2.50  |  | 103 | 70-130 |  |  |  |
| Toluene                          | 2.58  | 0.0250 | 2.50  |  | 103 | 70-130 |  |  |  |
| o-Xylene                         | 2.55  | 0.0250 | 2.50  |  | 102 | 70-130 |  |  |  |
| p,m-Xylene                       | 5.05  | 0.0500 | 5.00  |  | 101 | 70-130 |  |  |  |
| Total Xylenes                    | 7.60  | 0.0250 | 7.50  |  | 101 | 70-130 |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.552 |        | 0.500 |  | 110 | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.549 |        | 0.500 |  | 110 | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.505 |        | 0.500 |  | 101 | 70-130 |  |  |  |

## Matrix Spike (2319010-MS1)

Source: E305040-03

Prepared: 05/08/23 Analyzed: 05/09/23

|                                  |       |        |       |    |      |        |  |  |  |
|----------------------------------|-------|--------|-------|----|------|--------|--|--|--|
| Benzene                          | 2.62  | 0.0250 | 2.50  | ND | 105  | 48-131 |  |  |  |
| Ethylbenzene                     | 2.50  | 0.0250 | 2.50  | ND | 99.9 | 45-135 |  |  |  |
| Toluene                          | 2.50  | 0.0250 | 2.50  | ND | 99.8 | 48-130 |  |  |  |
| o-Xylene                         | 2.46  | 0.0250 | 2.50  | ND | 98.4 | 43-135 |  |  |  |
| p,m-Xylene                       | 4.87  | 0.0500 | 5.00  | ND | 97.4 | 43-135 |  |  |  |
| Total Xylenes                    | 7.33  | 0.0250 | 7.50  | ND | 97.8 | 43-135 |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.542 |        | 0.500 |    | 108  | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.528 |        | 0.500 |    | 106  | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.493 |        | 0.500 |    | 98.6 | 70-130 |  |  |  |

## Matrix Spike Dup (2319010-MSD1)

Source: E305040-03

Prepared: 05/08/23 Analyzed: 05/09/23

|                                  |       |        |       |    |      |        |       |    |  |
|----------------------------------|-------|--------|-------|----|------|--------|-------|----|--|
| Benzene                          | 2.49  | 0.0250 | 2.50  | ND | 99.8 | 48-131 | 5.06  | 23 |  |
| Ethylbenzene                     | 2.43  | 0.0250 | 2.50  | ND | 97.1 | 45-135 | 2.80  | 27 |  |
| Toluene                          | 2.44  | 0.0250 | 2.50  | ND | 97.6 | 48-130 | 2.27  | 24 |  |
| o-Xylene                         | 2.44  | 0.0250 | 2.50  | ND | 97.5 | 43-135 | 0.980 | 27 |  |
| p,m-Xylene                       | 4.76  | 0.0500 | 5.00  | ND | 95.1 | 43-135 | 2.39  | 27 |  |
| Total Xylenes                    | 7.19  | 0.0250 | 7.50  | ND | 95.9 | 43-135 | 1.91  | 27 |  |
| Surrogate: Bromofluorobenzene    | 0.539 |        | 0.500 |    | 108  | 70-130 |       |    |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.531 |        | 0.500 |    | 106  | 70-130 |       |    |  |
| Surrogate: Toluene-d8            | 0.505 |        | 0.500 |    | 101  | 70-130 |       |    |  |



## QC Summary Data

|                                      |                  |                    |                      |
|--------------------------------------|------------------|--------------------|----------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Marwari 28 CTB 1-1 | Reported:            |
| PO Box 247                           | Project Number:  | 01058-0007         |                      |
| Plains TX, 79355-0247                | Project Manager: | Tom Bynum          | 5/12/2023 11:15:20AM |

## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

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

## Blank (2319010-BLK1)

Prepared: 05/08/23 Analyzed: 05/09/23

|                                  |       |      |       |  |      |        |  |  |  |
|----------------------------------|-------|------|-------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | ND    | 20.0 |       |  |      |        |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.513 |      | 0.500 |  | 103  | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.549 |      | 0.500 |  | 110  | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.494 |      | 0.500 |  | 98.8 | 70-130 |  |  |  |

## LCS (2319010-BS2)

Prepared: 05/08/23 Analyzed: 05/09/23

|                                  |       |      |       |  |      |        |  |  |  |
|----------------------------------|-------|------|-------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 42.1  | 20.0 | 50.0  |  | 84.2 | 70-130 |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.541 |      | 0.500 |  | 108  | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.531 |      | 0.500 |  | 106  | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.510 |      | 0.500 |  | 102  | 70-130 |  |  |  |

## Matrix Spike (2319010-MS2)

Source: E305040-03

Prepared: 05/08/23 Analyzed: 05/09/23

|                                  |       |      |       |    |      |        |  |  |  |
|----------------------------------|-------|------|-------|----|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 39.9  | 20.0 | 50.0  | ND | 79.8 | 70-130 |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.532 |      | 0.500 |    | 106  | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.556 |      | 0.500 |    | 111  | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.495 |      | 0.500 |    | 99.0 | 70-130 |  |  |  |

## Matrix Spike Dup (2319010-MSD2)

Source: E305040-03

Prepared: 05/08/23 Analyzed: 05/09/23

|                                  |       |      |       |    |      |        |      |    |  |
|----------------------------------|-------|------|-------|----|------|--------|------|----|--|
| Gasoline Range Organics (C6-C10) | 39.1  | 20.0 | 50.0  | ND | 78.3 | 70-130 | 1.95 | 20 |  |
| Surrogate: Bromofluorobenzene    | 0.540 |      | 0.500 |    | 108  | 70-130 |      |    |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.536 |      | 0.500 |    | 107  | 70-130 |      |    |  |
| Surrogate: Toluene-d8            | 0.504 |      | 0.500 |    | 101  | 70-130 |      |    |  |



QC Summary Data

|                                      |                  |                    |                                       |
|--------------------------------------|------------------|--------------------|---------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Marwari 28 CTB 1-1 | Reported:<br><br>5/12/2023 11:15:20AM |
| PO Box 247                           | Project Number:  | 01058-0007         |                                       |
| Plains TX, 79355-0247                | Project Manager: | Tom Bynum          |                                       |

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

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

|                                 |      |      |      |  |                                       |        |  |  |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| Blank (2319036-BLK1)            |      |      |      |  | Prepared: 05/10/23 Analyzed: 05/10/23 |        |  |  |  |
| Diesel Range Organics (C10-C28) | ND   | 25.0 |      |  |                                       |        |  |  |  |
| Oil Range Organics (C28-C36)    | ND   | 50.0 |      |  |                                       |        |  |  |  |
| Surrogate: n-Nonane             | 51.1 |      | 50.0 |  | 102                                   | 50-200 |  |  |  |

|                                 |      |      |      |  |                                       |        |  |  |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| LCS (2319036-BS1)               |      |      |      |  | Prepared: 05/10/23 Analyzed: 05/10/23 |        |  |  |  |
| Diesel Range Organics (C10-C28) | 271  | 25.0 | 250  |  | 108                                   | 38-132 |  |  |  |
| Surrogate: n-Nonane             | 50.5 |      | 50.0 |  | 101                                   | 50-200 |  |  |  |

|                                 |      |      |      |    |                    |        |                                       |  |  |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|--|--|
| Matrix Spike (2319036-MS1)      |      |      |      |    | Source: E305040-08 |        | Prepared: 05/10/23 Analyzed: 05/10/23 |  |  |
| Diesel Range Organics (C10-C28) | 268  | 25.0 | 250  | ND | 107                | 38-132 |                                       |  |  |
| Surrogate: n-Nonane             | 48.6 |      | 50.0 |    | 97.2               | 50-200 |                                       |  |  |

|                                 |      |      |      |    |                    |        |                                       |    |  |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|----|--|
| Matrix Spike Dup (2319036-MSD1) |      |      |      |    | Source: E305040-08 |        | Prepared: 05/10/23 Analyzed: 05/10/23 |    |  |
| Diesel Range Organics (C10-C28) | 265  | 25.0 | 250  | ND | 106                | 38-132 | 1.40                                  | 20 |  |
| Surrogate: n-Nonane             | 49.1 |      | 50.0 |    | 98.2               | 50-200 |                                       |    |  |





QC Summary Data

|                                      |                  |                    |                      |
|--------------------------------------|------------------|--------------------|----------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Marwari 28 CTB 1-1 | Reported:            |
| PO Box 247                           | Project Number:  | 01058-0007         |                      |
| Plains TX, 79355-0247                | Project Manager: | Tom Bynum          | 5/12/2023 11:15:20AM |

Anions by EPA 300.0/9056A

Analyst: RAS

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

|                                 |     |      |     |     |                                       |        |                                       |    |  |
|---------------------------------|-----|------|-----|-----|---------------------------------------|--------|---------------------------------------|----|--|
| Blank (2319006-BLK1)            |     |      |     |     | Prepared: 05/10/23 Analyzed: 05/11/23 |        |                                       |    |  |
| Chloride                        | ND  | 20.0 |     |     |                                       |        |                                       |    |  |
| LCS (2319006-BS1)               |     |      |     |     | Prepared: 05/10/23 Analyzed: 05/11/23 |        |                                       |    |  |
| Chloride                        | 259 | 20.0 | 250 |     | 104                                   | 90-110 |                                       |    |  |
| Matrix Spike (2319006-MS1)      |     |      |     |     | Source: E305040-01                    |        | Prepared: 05/10/23 Analyzed: 05/11/23 |    |  |
| Chloride                        | 893 | 20.0 | 250 | 612 | 112                                   | 80-120 |                                       |    |  |
| Matrix Spike Dup (2319006-MSD1) |     |      |     |     | Source: E305040-01                    |        | Prepared: 05/10/23 Analyzed: 05/11/23 |    |  |
| Chloride                        | 828 | 20.0 | 250 | 612 | 86.4                                  | 80-120 | 7.50                                  | 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 1-1 |                |
| PO Box 247                           | Project Number:  | 01058-0007         | Reported:      |
| Plains TX, 79355-0247                | Project Manager: | Tom Bynum          | 05/12/23 11:15 |

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

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

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

## Project Information

## Chain of Custody

Page 3 of 4

|  |  |                           |  |                     |  |                   |  |             |    |    |          |      |      |
|--|--|---------------------------|--|---------------------|--|-------------------|--|-------------|----|----|----------|------|------|
| Client: Pima Environmental Services      |  | Bill To                   |  | Lab Use Only        |  | TAT               |  | EPA Program |    |    |          |      |      |
| Project: <u>Mar Wari 28 CTB 1</u>        |  | Attention: <u>Devon</u>   |  | Lab WO# <u>40</u>   |  | Job Number        |  | 1D          | 2D | 3D | Standard | CWA  | SDWA |
| Project Manager: Tom Bynum               |  | Address:                  |  | <u>E305039</u>      |  | <u>01058-0007</u> |  |             |    |    | <u>Y</u> |      |      |
| Address: <u>5614 N. Lovington Hwy.</u>   |  | City, State, Zip          |  | Analysis and Method |  |                   |  |             |    |    |          | RCRA |      |
| City, State, Zip <u>Hobbs, NM, 88240</u> |  | Phone:                    |  |                     |  |                   |  |             |    |    |          |      |      |
| Phone: <u>580-748-1613</u>               |  | Email:                    |  |                     |  |                   |  |             |    |    |          |      |      |
| Email: <u>tom@pimaoil.com</u>            |  | Pima Project # <u>139</u> |  |                     |  |                   |  |             |    |    |          |      |      |
| Report due by:                           |  |                           |  |                     |  |                   |  |             |    |    |          |      |      |

| Time Sampled        | Date Sampled | Matrix | No. of Containers | Sample ID | Lab Number | DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM | BGDOC TX | Remarks |
|---------------------|--------------|--------|-------------------|-----------|------------|-----------------|-----------------|--------------|-------------|-------------|----------------|----------|----------|---------|
| 10:45 <sup>am</sup> | 5/4/23       | S      | 1                 | SG-1      | 1          |                 |                 |              |             |             |                | X        |          |         |
| 10:50 <sup>am</sup> | 5/4/23       |        |                   | SG-2      | 2          |                 |                 |              |             |             |                |          |          |         |
| 10:55 <sup>am</sup> | 5/4/23       |        |                   | SG-3      | 3          |                 |                 |              |             |             |                |          |          |         |
| 11:00 <sup>am</sup> | 5/4/23       |        |                   | SG-4      | 4          |                 |                 |              |             |             |                |          |          |         |
| 11:05 <sup>am</sup> | 5/4/23       |        |                   | SW-1      | 5          |                 |                 |              |             |             |                |          |          |         |
| 11:10 <sup>am</sup> | 5/4/23       |        |                   | SW-2      | 6          |                 |                 |              |             |             |                |          |          |         |
| 11:15 <sup>am</sup> | 5/4/23       |        |                   | SW-3      | 7          |                 |                 |              |             |             |                |          |          |         |
| 11:20 <sup>am</sup> | 5/4/23       |        |                   | SW-4      | 8          |                 |                 |              |             |             |                |          |          |         |
| 11:25 <sup>am</sup> | 5/4/23       |        |                   | SW1       | 9          |                 |                 |              |             |             |                |          |          |         |
| 11:30 <sup>am</sup> | 5/4/23       |        |                   | SW2       | 10         |                 |                 |              |             |             |                |          |          |         |

## Additional Instructions:

Billing # 21161793

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

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 5 °C on subsequent days.

|                              |  |        |       |                          |  |        |       |                             |  |
|------------------------------|--|--------|-------|--------------------------|--|--------|-------|-----------------------------|--|
| Relinquished by: (Signature) |  | Date   | Time  | Received by: (Signature) |  | Date   | Time  | Lab Use Only                |  |
| <u>Marime Adams</u>          |  | 5-5-23 | 14:42 | <u>[Signature]</u>       |  | 5-5-23 | 14:47 | Received on ice: <u>Y</u> N |  |
| Relinquished by: (Signature) |  | Date   | Time  | Received by: (Signature) |  | Date   | Time  | T1 T2 T3                    |  |
| <u>[Signature]</u>           |  | 5-5-23 | 2300  | <u>[Signature]</u>       |  | 5-8-23 | 7:45  |                             |  |
| Relinquished by: (Signature) |  | Date   | Time  | Received by: (Signature) |  | Date   | Time  | AVG Temp °C                 |  |
|                              |  |        |       |                          |  |        |       | 4                           |  |

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

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

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

envirotech



## Project Information

## Chain of Custody

|   |              |        |                   |           |                           |                 |                     |              |                              |   |                |    |          |                                     |             |      |                                     |  |
|---|--------------|--------|-------------------|-----------|---------------------------|-----------------|---------------------|--------------|------------------------------|---|----------------|----|----------|-------------------------------------|-------------|------|-------------------------------------|--|
| Client: Pima Environmental Services   |              |        |                   |           | Bill To                   |                 | Lab Use Only        |              |                              |   | TAT            |    |          |                                     | EPA Program |      |                                     |  |
| Project: <u>Maya Wari 28 CTB1</u>   |              |        |                   |           | Attention: <u>Devon</u>   |                 | Lab WO# <u>40</u>   |              | Job Number <u>01058-0007</u> |   | 1D             | 2D | 3D       | Standard                            | CWA         | SDWA |                                     |  |
| Project Manager: Tom Bynum  |              |        |                   |           | Address:                  |                 | <u>E305037</u>      |              | <u>01058-0007</u>            |   |                |    |          | <input checked="" type="checkbox"/> |             |      |                                     |  |
| Address: 56 14 N. Lovington Hwy.  |              |        |                   |           | City, State, Zip          |                 | Analysis and Method |              |                              |   |                |    |          |                                     |             |      | RCRA                                |  |
| City, State, Zip Hobbs, NM, 88240   |              |        |                   |           | Phone:                    |                 |                     |              |                              |   |                |    |          |                                     |             |      |                                     |  |
| Phone: 580-748-1613   |              |        |                   |           | Email:                    |                 |                     |              |                              |   |                |    |          |                                     |             |      | State                               |  |
| Email: tom@pimaoil.com  |              |        |                   |           | Pima Project # <u>139</u> |                 |                     |              |                              |   |                |    |          |                                     |             |      | NM CO UT AZ TX                      |  |
| Report due by:  |              |        |                   |           |                           |                 |                     |              |                              |   |                |    |          |                                     |             |      | <input checked="" type="checkbox"/> |  |
| Time Sampled  | Date Sampled | Matrix | No. of Containers | Sample ID | Lab Number                | DRO/ORO by 8015 | GRO/DRO by 8015     | BTEX by 8021 | VOC by 8260                  | Metals 6010   | Chloride 300.0 |    | BGDOC NM | BGDOC TX                            | Remarks     |      |                                     |  |
| 11:35   | 5/4/23       | S      | 1                 | SW3       | 11                        |                 |                     |              |                              |   |                |    |          | X                                   |             |      |                                     |  |
| 11:40   | 5/4/23       |        |                   | SW4       | 12                        |                 |                     |              |                              |   |                |    |          |                                     |             |      |                                     |  |
| 11:45   | 5/4/23       |        |                   | SW5       | 13                        |                 |                     |              |                              |   |                |    |          |                                     |             |      |                                     |  |
| 11:50   | 5/4/23       |        |                   | SW6       | 14                        |                 |                     |              |                              |   |                |    |          |                                     |             |      |                                     |  |
| 11:55   | 5/4/23       |        |                   | SW7       | 15                        |                 |                     |              |                              |   |                |    |          |                                     |             |      |                                     |  |
| 12:00 PM  | 5/4/23       |        |                   | SW8       | 16                        |                 |                     |              |                              |   |                |    |          |                                     |             |      |                                     |  |
| 12:05 PM  | 5/4/23       |        |                   | BG1       | 17                        |                 |                     |              |                              |   |                |    |          |                                     |             |      |                                     |  |
| Additional Instructions: <u>Billing # 21161793</u>  |              |        |                   |           |                           |                 |                     |              |                              |   |                |    |          |                                     |             |      |                                     |  |
| I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.   |              |        |                   |           |                           |                 |                     |              |                              | Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 5 °C on subsequent days. |                |    |          |                                     |             |      |                                     |  |
| Relinquished by: (Signature) <u>Karime Adams</u>  |              |        |                   |           |                           |                 |                     |              |                              | Lab Use Only  |                |    |          |                                     |             |      |                                     |  |
| Date <u>5.5.23</u> Time <u>14:42</u>  |              |        |                   |           |                           |                 |                     |              |                              | Received on ice: <u>Y</u> <u>N</u>  |                |    |          |                                     |             |      |                                     |  |
| Relinquished by: (Signature) <u>[Signature]</u>   |              |        |                   |           |                           |                 |                     |              |                              | T1 T2 T3  |                |    |          |                                     |             |      |                                     |  |
| Date <u>5.5.23</u> Time <u>3:00</u>   |              |        |                   |           |                           |                 |                     |              |                              | AVG Temp °C <u>4</u>  |                |    |          |                                     |             |      |                                     |  |
| Relinquished by: (Signature) <u>[Signature]</u>   |              |        |                   |           |                           |                 |                     |              |                              |   |                |    |          |                                     |             |      |                                     |  |
| 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 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report. |              |        |                   |           |                           |                 |                     |              |                              |   |                |    |          |                                     |             |      |                                     |  |



## Envirotech Analytical Laboratory

Printed: 5/8/2023 11:41:12AM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

|         |                                      |                 |                            |                |                |
|---------|--------------------------------------|-----------------|----------------------------|----------------|----------------|
| Client: | Pima Environmental Services-Carlsbad | Date Received:  | 05/08/23 07:45             | Work Order ID: | E305040        |
| Phone:  | (575) 631-6977                       | Date Logged In: | 05/08/23 08:41             | Logged In By:  | Alexa Michaels |
| Email:  | tom@pimaoil.com                      | Due Date:       | 05/12/23 17:00 (4 day TAT) |                |                |

Chain of Custody (COC)

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

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 1-1 has been separated into 2 reports due to sample volume. Workorders are as follows E305039 & E305040.

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:  
Lynsey Coons



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Marwari 28 CTB 1

Work Order: E504050

Job Number: 01058-0007

Received: 4/8/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
4/8/25

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: 4/8/25

Lynsey Coons  
PO Box 247  
Plains, TX 79355-0247



Project Name: Marwari 28 CTB 1  
Workorder: E504050  
Date Received: 4/8/2025 4:30:00AM

Lynsey Coons,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/8/2025 4:30:00AM, 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**  
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## Sample Summary

|                                      |                  |                  |                                    |
|--------------------------------------|------------------|------------------|------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Marwari 28 CTB 1 | <b>Reported:</b><br>04/08/25 16:23 |
| PO Box 247                           | Project Number:  | 01058-0007       |                                    |
| Plains TX, 79355-0247                | Project Manager: | Lynsey Coons     |                                    |

| Client Sample ID | Lab Sample ID | Matrix | Sampled  | Received | Container        |
|------------------|---------------|--------|----------|----------|------------------|
| CS1-6" COMP.     | E504050-01A   | Soil   | 04/04/25 | 04/08/25 | Glass Jar, 2 oz. |
| CS2-6" COMP.     | E504050-02A   | Soil   | 04/04/25 | 04/08/25 | Glass Jar, 2 oz. |
| CS3-6" COMP.     | E504050-03A   | Soil   | 04/04/25 | 04/08/25 | Glass Jar, 2 oz. |
| CS4-6" COMP.     | E504050-04A   | Soil   | 04/04/25 | 04/08/25 | Glass Jar, 2 oz. |
| CS5-6" COMP.     | E504050-05A   | Soil   | 04/04/25 | 04/08/25 | Glass Jar, 2 oz. |
| CS6-6" COMP.     | E504050-06A   | Soil   | 04/04/25 | 04/08/25 | Glass Jar, 2 oz. |
| CS7-6" COMP.     | E504050-07A   | Soil   | 04/04/25 | 04/08/25 | Glass Jar, 2 oz. |
| CS8-6" COMP.     | E504050-08A   | Soil   | 04/04/25 | 04/08/25 | Glass Jar, 2 oz. |
| CS9-6" COMP.     | E504050-09A   | Soil   | 04/04/25 | 04/08/25 | Glass Jar, 2 oz. |
| CS10-6" COMP.    | E504050-10A   | Soil   | 04/04/25 | 04/08/25 | Glass Jar, 2 oz. |
| CS11-6" COMP.    | E504050-11A   | Soil   | 04/04/25 | 04/08/25 | Glass Jar, 2 oz. |
| CS12-6" COMP.    | E504050-12A   | Soil   | 04/04/25 | 04/08/25 | Glass Jar, 2 oz. |
| CS13-6" COMP.    | E504050-13A   | Soil   | 04/04/25 | 04/08/25 | Glass Jar, 2 oz. |
| CS14-6" COMP.    | E504050-14A   | Soil   | 04/04/25 | 04/08/25 | Glass Jar, 2 oz. |
| CS15-6" COMP.    | E504050-15A   | Soil   | 04/04/25 | 04/08/25 | Glass Jar, 2 oz. |
| CS16-6" COMP.    | E504050-16A   | Soil   | 04/04/25 | 04/08/25 | Glass Jar, 2 oz. |
| CS17-6"COMP.     | E504050-17A   | Soil   | 04/04/25 | 04/08/25 | Glass Jar, 2 oz. |
| CS18-6" COMP.    | E504050-18A   | Soil   | 04/04/25 | 04/08/25 | Glass Jar, 2 oz. |
| CS19-6" COMP.    | E504050-19A   | Soil   | 04/04/25 | 04/08/25 | Glass Jar, 2 oz. |
| CS20-6" COMP.    | E504050-20A   | Soil   | 04/04/25 | 04/08/25 | 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: Lynsey Coons

**Reported:**  
4/8/2025 4:23:01PM

### CS1-6" COMP.

**E504050-01**

| Analyte   | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2515022 |       |
| Benzene   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| Ethylbenzene  | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| Toluene   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| o-Xylene  | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| p,m-Xylene  | ND     | 0.0500          | 1           | 04/08/25 | 04/08/25       |       |
| Total Xylenes   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            | 84.0 % | 70-130          |             | 04/08/25 | 04/08/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2515022 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        | 92.0 % | 70-130          |             | 04/08/25 | 04/08/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KH |          | Batch: 2515028 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 04/08/25 | 04/08/25       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: n-Nonane</i>                            | 96.1 % | 61-141          |             | 04/08/25 | 04/08/25       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2515024 |       |
| Chloride  | 1490   | 40.0            | 2           | 04/08/25 | 04/08/25       |       |



## 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: Lynsey Coons

**Reported:**  
4/8/2025 4:23:01PM

## CS2-6" COMP.

## E504050-02

| Analyte   | Result        | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|---|---------------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg         | mg/kg           | Analyst: BA |          | Batch: 2515022 |       |
| Benzene   | ND            | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| Ethylbenzene  | ND            | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| Toluene   | ND            | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| o-Xylene  | <b>0.0266</b> | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| p,m-Xylene  | ND            | 0.0500          | 1           | 04/08/25 | 04/08/25       |       |
| Total Xylenes   | <b>0.0266</b> | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            | 88.0 %        | 70-130          |             | 04/08/25 | 04/08/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg         | mg/kg           | Analyst: BA |          | Batch: 2515022 |       |
| Gasoline Range Organics (C6-C10)                      | ND            | 20.0            | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        | 90.7 %        | 70-130          |             | 04/08/25 | 04/08/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg         | mg/kg           | Analyst: KH |          | Batch: 2515028 |       |
| Diesel Range Organics (C10-C28)                       | <b>80</b>     | 25.0            | 1           | 04/08/25 | 04/08/25       |       |
| Oil Range Organics (C28-C36)                          | <b>30</b>     | 50.0            | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: n-Nonane</i>                            | 95.3 %        | 61-141          |             | 04/08/25 | 04/08/25       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg         | mg/kg           | Analyst: DT |          | Batch: 2515024 |       |
| Chloride  | <b>460</b>    | 100             | 5           | 04/08/25 | 04/08/25       |       |





## 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: Lynsey Coons

**Reported:**  
4/8/2025 4:23:01PM

## CS3-6" COMP.

## E504050-03

| Analyte   | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2515022 |       |
| Benzene   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| Ethylbenzene  | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| Toluene   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| o-Xylene  | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| p,m-Xylene  | ND     | 0.0500          | 1           | 04/08/25 | 04/08/25       |       |
| Total Xylenes   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            | 88.4 % | 70-130          |             | 04/08/25 | 04/08/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2515022 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        | 89.9 % | 70-130          |             | 04/08/25 | 04/08/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KH |          | Batch: 2515028 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 04/08/25 | 04/08/25       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: n-Nonane</i>                            | 96.7 % | 61-141          |             | 04/08/25 | 04/08/25       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2515024 |       |
| Chloride  | 680    | 100             | 5           | 04/08/25 | 04/08/25       |       |



## 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: Lynsey Coons

**Reported:**  
4/8/2025 4:23:01PM

## CS4-6" COMP.

## E504050-04

| Analyte   | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2515022 |       |
| Benzene   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| Ethylbenzene  | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| Toluene   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| o-Xylene  | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| p,m-Xylene  | ND     | 0.0500          | 1           | 04/08/25 | 04/08/25       |       |
| Total Xylenes   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |             |          |                |       |
|   | 89.9 % | 70-130          |             | 04/08/25 | 04/08/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2515022 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |             |          |                |       |
|   | 91.0 % | 70-130          |             | 04/08/25 | 04/08/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: KH |          | Batch: 2515028 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 04/08/25 | 04/08/25       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: n-Nonane</i>                            |        |                 |             |          |                |       |
|   | 95.8 % | 61-141          |             | 04/08/25 | 04/08/25       |       |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2515024 |       |
| Chloride  | 140    | 40.0            | 2           | 04/08/25 | 04/08/25       |       |



## 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: Lynsey Coons

**Reported:**  
4/8/2025 4:23:01PM

## CS5-6" COMP.

E504050-05

| Analyte   | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2515022 |       |
| Benzene   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| Ethylbenzene  | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| Toluene   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| o-Xylene  | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| p,m-Xylene  | ND     | 0.0500          | 1           | 04/08/25 | 04/08/25       |       |
| Total Xylenes   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |             |          |                |       |
|   | 90.8 % | 70-130          |             | 04/08/25 | 04/08/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2515022 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |             |          |                |       |
|   | 89.4 % | 70-130          |             | 04/08/25 | 04/08/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: KH |          | Batch: 2515028 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 04/08/25 | 04/08/25       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: n-Nonane</i>                            |        |                 |             |          |                |       |
|   | 93.3 % | 61-141          |             | 04/08/25 | 04/08/25       |       |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2515024 |       |
| Chloride  | 577    | 20.0            | 1           | 04/08/25 | 04/08/25       |       |



## 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: Lynsey Coons

**Reported:**  
4/8/2025 4:23:01PM

## CS6-6" COMP.

## E504050-06

| Analyte   | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2515022 |       |
| Benzene   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| Ethylbenzene  | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| Toluene   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| o-Xylene  | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| p,m-Xylene  | ND     | 0.0500          | 1           | 04/08/25 | 04/08/25       |       |
| Total Xylenes   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |             |          |                |       |
|   | 91.2 % | 70-130          |             | 04/08/25 | 04/08/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2515022 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |             |          |                |       |
|   | 89.4 % | 70-130          |             | 04/08/25 | 04/08/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: KH |          | Batch: 2515028 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 04/08/25 | 04/08/25       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: n-Nonane</i>                            |        |                 |             |          |                |       |
|   | 95.6 % | 61-141          |             | 04/08/25 | 04/08/25       |       |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2515024 |       |
| Chloride  | 136    | 20.0            | 1           | 04/08/25 | 04/08/25       |       |





## 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: Lynsey Coons

**Reported:**  
4/8/2025 4:23:01PM

## CS7-6" COMP.

## E504050-07

| Analyte   | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2515022 |       |
| Benzene   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| Ethylbenzene  | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| Toluene   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| o-Xylene  | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| p,m-Xylene  | ND     | 0.0500          | 1           | 04/08/25 | 04/08/25       |       |
| Total Xylenes   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |             |          |                |       |
|   | 97.1 % | 70-130          |             | 04/08/25 | 04/08/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2515022 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |             |          |                |       |
|   | 94.4 % | 70-130          |             | 04/08/25 | 04/08/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: KH |          | Batch: 2515028 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 04/08/25 | 04/08/25       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: n-Nonane</i>                            |        |                 |             |          |                |       |
|   | 98.2 % | 61-141          |             | 04/08/25 | 04/08/25       |       |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2515024 |       |
| Chloride  | 695    | 20.0            | 1           | 04/08/25 | 04/08/25       |       |



## 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: Lynsey Coons

**Reported:**  
4/8/2025 4:23:01PM

## CS8-6" COMP.

E504050-08

| Analyte   | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2515022 |       |
| Benzene   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| Ethylbenzene  | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| Toluene   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| o-Xylene  | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| p,m-Xylene  | ND     | 0.0500          | 1           | 04/08/25 | 04/08/25       |       |
| Total Xylenes   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |             |          |                |       |
|   | 98.8 % | 70-130          |             | 04/08/25 | 04/08/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2515022 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |             |          |                |       |
|   | 94.7 % | 70-130          |             | 04/08/25 | 04/08/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: KH |          | Batch: 2515028 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 04/08/25 | 04/08/25       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: n-Nonane</i>                            |        |                 |             |          |                |       |
|   | 96.9 % | 61-141          |             | 04/08/25 | 04/08/25       |       |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2515024 |       |
| Chloride  | 460    | 40.0            | 2           | 04/08/25 | 04/08/25       |       |



## 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: Lynsey Coons

**Reported:**  
4/8/2025 4:23:01PM

## CS9-6" COMP.

E504050-09

| Analyte   | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2515022 |       |
| Benzene   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| Ethylbenzene  | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| Toluene   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| o-Xylene  | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| p,m-Xylene  | ND     | 0.0500          | 1           | 04/08/25 | 04/08/25       |       |
| Total Xylenes   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |             |          |                |       |
|   | 97.7 % | 70-130          |             | 04/08/25 | 04/08/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2515022 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |             |          |                |       |
|   | 97.6 % | 70-130          |             | 04/08/25 | 04/08/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: HM |          | Batch: 2515028 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 04/08/25 | 04/08/25       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: n-Nonane</i>                            |        |                 |             |          |                |       |
|   | 99.6 % | 61-141          |             | 04/08/25 | 04/08/25       |       |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2515024 |       |
| Chloride  | 170    | 20.0            | 1           | 04/08/25 | 04/08/25       |       |



## 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: Lynsey Coons

**Reported:**  
4/8/2025 4:23:01PM

## CS10-6" COMP.

## E504050-10

| Analyte   | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2515022 |       |
| Benzene   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| Ethylbenzene  | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| Toluene   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| o-Xylene  | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| p,m-Xylene  | ND     | 0.0500          | 1           | 04/08/25 | 04/08/25       |       |
| Total Xylenes   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |             |          |                |       |
|   |        | 101 %           | 70-130      | 04/08/25 | 04/08/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2515022 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |             |          |                |       |
|   |        | 91.6 %          | 70-130      | 04/08/25 | 04/08/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: HM |          | Batch: 2515028 |       |
| Diesel Range Organics (C10-C28)                       | 11     | 25.0            | 1           | 04/08/25 | 04/08/25       |       |
| Oil Range Organics (C28-C36)                          | 9      | 50.0            | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: n-Nonane</i>                            |        |                 |             |          |                |       |
|   |        | 102 %           | 61-141      | 04/08/25 | 04/08/25       |       |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2515024 |       |
| Chloride  | 620    | 100             | 5           | 04/08/25 | 04/08/25       |       |





## 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: Lynsey Coons

**Reported:**  
4/8/2025 4:23:01PM

## CS11-6" COMP.

## E504050-11

| Analyte   | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|---|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2515022 |
| Benzene   | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| Toluene   | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 04/08/25    | 04/08/25 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |          |             |          |                |
|   |        | 100 %           | 70-130   | 04/08/25    | 04/08/25 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2515022 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 04/08/25    | 04/08/25 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |          |             |          |                |
|   |        | 99.5 %          | 70-130   | 04/08/25    | 04/08/25 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: HM |          | Batch: 2515028 |
| Diesel Range Organics (C10-C28)                       | 10     | 25.0            | 1        | 04/08/25    | 04/08/25 |                |
| Oil Range Organics (C28-C36)                          | 3.4    | 50.0            | 1        | 04/08/25    | 04/08/25 |                |
| <i>Surrogate: n-Nonane</i>                            |        |                 |          |             |          |                |
|   |        | 103 %           | 61-141   | 04/08/25    | 04/08/25 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2515024 |
| Chloride  | 350    | 100             | 5        | 04/08/25    | 04/08/25 |                |



## 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: Lynsey Coons

**Reported:**  
4/8/2025 4:23:01PM

## CS12-6" COMP.

## E504050-12

| Analyte   | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2515022 |       |
| Benzene   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| Ethylbenzene  | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| Toluene   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| o-Xylene  | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| p,m-Xylene  | ND     | 0.0500          | 1           | 04/08/25 | 04/08/25       |       |
| Total Xylenes   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |             |          |                |       |
|   | 103 %  | 70-130          |             | 04/08/25 | 04/08/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2515022 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |             |          |                |       |
|   | 92.0 % | 70-130          |             | 04/08/25 | 04/08/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: HM |          | Batch: 2515028 |       |
| Diesel Range Organics (C10-C28)                       | 21     | 25.0            | 1           | 04/08/25 | 04/08/25       |       |
| Oil Range Organics (C28-C36)                          | 18     | 50.0            | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: n-Nonane</i>                            |        |                 |             |          |                |       |
|   | 102 %  | 61-141          |             | 04/08/25 | 04/08/25       |       |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2515024 |       |
| Chloride  | 720    | 200             | 10          | 04/08/25 | 04/08/25       |       |



## 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: Lynsey Coons

**Reported:**  
4/8/2025 4:23:01PM

## CS13-6" COMP.

## E504050-13

| Analyte   | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2515022 |       |
| Benzene   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| Ethylbenzene  | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| Toluene   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| o-Xylene  | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| p,m-Xylene  | ND     | 0.0500          | 1           | 04/08/25 | 04/08/25       |       |
| Total Xylenes   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |             |          |                |       |
|   | 98.0 % | 70-130          |             | 04/08/25 | 04/08/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2515022 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |             |          |                |       |
|   | 96.4 % | 70-130          |             | 04/08/25 | 04/08/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: HM |          | Batch: 2515028 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 04/08/25 | 04/08/25       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: n-Nonane</i>                            |        |                 |             |          |                |       |
|   | 104 %  | 61-141          |             | 04/08/25 | 04/08/25       |       |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2515024 |       |
| Chloride  | 354    | 20.0            | 1           | 04/08/25 | 04/08/25       |       |



## 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: Lynsey Coons

**Reported:**  
4/8/2025 4:23:01PM

## CS14-6" COMP.

## E504050-14

| Analyte   | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2515022 |       |
| Benzene   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| Ethylbenzene  | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| Toluene   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| o-Xylene  | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| p,m-Xylene  | ND     | 0.0500          | 1           | 04/08/25 | 04/08/25       |       |
| Total Xylenes   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |             |          |                |       |
|   | 97.4 % | 70-130          |             | 04/08/25 | 04/08/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2515022 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |             |          |                |       |
|   | 91.9 % | 70-130          |             | 04/08/25 | 04/08/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: HM |          | Batch: 2515028 |       |
| Diesel Range Organics (C10-C28)                       | 38     | 25.0            | 1           | 04/08/25 | 04/08/25       |       |
| Oil Range Organics (C28-C36)                          | 45     | 50.0            | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: n-Nonane</i>                            |        |                 |             |          |                |       |
|   | 112 %  | 61-141          |             | 04/08/25 | 04/08/25       |       |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2515024 |       |
| Chloride  | 820    | 40.0            | 2           | 04/08/25 | 04/08/25       |       |





## 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: Lynsey Coons

**Reported:**  
4/8/2025 4:23:01PM

## CS15-6" COMP.

## E504050-15

| Analyte   | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2515022 |       |
| Benzene   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| Ethylbenzene  | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| Toluene   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| o-Xylene  | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| p,m-Xylene  | ND     | 0.0500          | 1           | 04/08/25 | 04/08/25       |       |
| Total Xylenes   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |             |          |                |       |
|   |        | 101 %           | 70-130      | 04/08/25 | 04/08/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2515022 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |             |          |                |       |
|   |        | 97.8 %          | 70-130      | 04/08/25 | 04/08/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: HM |          | Batch: 2515028 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 04/08/25 | 04/08/25       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: n-Nonane</i>                            |        |                 |             |          |                |       |
|   |        | 112 %           | 61-141      | 04/08/25 | 04/08/25       |       |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2515024 |       |
| Chloride  | 570    | 200             | 10          | 04/08/25 | 04/08/25       |       |



## 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: Lynsey Coons

**Reported:**  
4/8/2025 4:23:01PM

## CS16-6" COMP.

## E504050-16

| Analyte   | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2515022 |       |
| Benzene   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| Ethylbenzene  | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| Toluene   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| o-Xylene  | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| p,m-Xylene  | ND     | 0.0500          | 1           | 04/08/25 | 04/08/25       |       |
| Total Xylenes   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |             |          |                |       |
|   | 90.7 % | 70-130          |             | 04/08/25 | 04/08/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2515022 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |             |          |                |       |
|   | 89.7 % | 70-130          |             | 04/08/25 | 04/08/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: HM |          | Batch: 2515028 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 04/08/25 | 04/08/25       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: n-Nonane</i>                            |        |                 |             |          |                |       |
|   | 106 %  | 61-141          |             | 04/08/25 | 04/08/25       |       |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2515024 |       |
| Chloride  | 180    | 20.0            | 1           | 04/08/25 | 04/08/25       |       |



## 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: Lynsey Coons

**Reported:**  
4/8/2025 4:23:01PM

## CS17-6"COMP.

## E504050-17

| Analyte   | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2515022 |       |
| Benzene   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| Ethylbenzene  | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| Toluene   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| o-Xylene  | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| p,m-Xylene  | ND     | 0.0500          | 1           | 04/08/25 | 04/08/25       |       |
| Total Xylenes   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |             |          |                |       |
|   | 87.0 % | 70-130          |             | 04/08/25 | 04/08/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2515022 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |             |          |                |       |
|   | 89.4 % | 70-130          |             | 04/08/25 | 04/08/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: HM |          | Batch: 2515028 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 04/08/25 | 04/08/25       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: n-Nonane</i>                            |        |                 |             |          |                |       |
|   | 111 %  | 61-141          |             | 04/08/25 | 04/08/25       |       |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2515024 |       |
| Chloride  | 430    | 100             | 5           | 04/08/25 | 04/08/25       |       |



## 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: Lynsey Coons

**Reported:**  
4/8/2025 4:23:01PM

## CS18-6" COMP.

## E504050-18

| Analyte   | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2515022 |       |
| Benzene   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| Ethylbenzene  | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| Toluene   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| o-Xylene  | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| p,m-Xylene  | ND     | 0.0500          | 1           | 04/08/25 | 04/08/25       |       |
| Total Xylenes   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |             |          |                |       |
|   | 86.7 % | 70-130          |             | 04/08/25 | 04/08/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2515022 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |             |          |                |       |
|   | 89.7 % | 70-130          |             | 04/08/25 | 04/08/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: HM |          | Batch: 2515028 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 04/08/25 | 04/08/25       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: n-Nonane</i>                            |        |                 |             |          |                |       |
|   | 109 %  | 61-141          |             | 04/08/25 | 04/08/25       |       |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2515024 |       |
| Chloride  | 580    | 100             | 5           | 04/08/25 | 04/08/25       |       |





## 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: Lynsey Coons

**Reported:**  
4/8/2025 4:23:01PM

## CS19-6" COMP.

## E504050-19

| Analyte   | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|---|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2515022 |
| Benzene   | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| Toluene   | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 04/08/25    | 04/08/25 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |          |             |          |                |
|   | 87.7 % | 70-130          |          | 04/08/25    | 04/08/25 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2515022 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 04/08/25    | 04/08/25 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |          |             |          |                |
|   | 90.3 % | 70-130          |          | 04/08/25    | 04/08/25 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: HM |          | Batch: 2515028 |
| Diesel Range Organics (C10-C28)                       | 77.2   | 25.0            | 1        | 04/08/25    | 04/08/25 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 04/08/25    | 04/08/25 |                |
| <i>Surrogate: n-Nonane</i>                            |        |                 |          |             |          |                |
|   | 108 %  | 61-141          |          | 04/08/25    | 04/08/25 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2515024 |
| Chloride  | 630    | 20.0            | 1        | 04/08/25    | 04/08/25 |                |



## 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: Lynsey Coons

**Reported:**  
4/8/2025 4:23:01PM

## CS20-6" COMP.

## E504050-20

| Analyte   | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|---|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2515022 |
| Benzene   | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| Toluene   | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 04/08/25    | 04/08/25 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |          |             |          |                |
|   | 86.3 % | 70-130          |          | 04/08/25    | 04/08/25 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2515022 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 04/08/25    | 04/08/25 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |          |             |          |                |
|   | 91.2 % | 70-130          |          | 04/08/25    | 04/08/25 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: HM |          | Batch: 2515028 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 04/08/25    | 04/08/25 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 04/08/25    | 04/08/25 |                |
| <i>Surrogate: n-Nonane</i>                            |        |                 |          |             |          |                |
|   | 108 %  | 61-141          |          | 04/08/25    | 04/08/25 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2515024 |
| Chloride  | 160    | 40.0            | 2        | 04/08/25    | 04/08/25 |                |



## QC Summary Data

|                                      |                  |                  |                    |
|--------------------------------------|------------------|------------------|--------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Marwari 28 CTB 1 | <b>Reported:</b>   |
| PO Box 247                           | Project Number:  | 01058-0007       |                    |
| Plains TX, 79355-0247                | Project Manager: | Lynsey Coons     | 4/8/2025 4:23:01PM |

## Volatile Organics by EPA 8021B

Analyst: BA

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

## Blank (2515022-BLK1)

Prepared: 04/07/25 Analyzed: 04/07/25

|                                     |      |        |      |  |     |        |  |  |  |
|-------------------------------------|------|--------|------|--|-----|--------|--|--|--|
| 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 | 8.96 |        | 8.00 |  | 112 | 70-130 |  |  |  |

## LCS (2515022-BS1)

Prepared: 04/07/25 Analyzed: 04/07/25

|                                     |      |        |      |  |     |        |  |  |  |
|-------------------------------------|------|--------|------|--|-----|--------|--|--|--|
| Benzene                             | 5.18 | 0.0250 | 5.00 |  | 104 | 70-130 |  |  |  |
| Ethylbenzene                        | 5.02 | 0.0250 | 5.00 |  | 100 | 70-130 |  |  |  |
| Toluene                             | 5.16 | 0.0250 | 5.00 |  | 103 | 70-130 |  |  |  |
| o-Xylene                            | 5.01 | 0.0250 | 5.00 |  | 100 | 70-130 |  |  |  |
| p,m-Xylene                          | 10.2 | 0.0500 | 10.0 |  | 102 | 70-130 |  |  |  |
| Total Xylenes                       | 15.2 | 0.0250 | 15.0 |  | 101 | 70-130 |  |  |  |
| Surrogate: 4-Bromochlorobenzene-PID | 8.84 |        | 8.00 |  | 110 | 70-130 |  |  |  |

## LCS Dup (2515022-BSD1)

Prepared: 04/07/25 Analyzed: 04/07/25

|                                     |      |        |      |  |     |        |      |    |  |
|-------------------------------------|------|--------|------|--|-----|--------|------|----|--|
| Benzene                             | 5.27 | 0.0250 | 5.00 |  | 105 | 70-130 | 1.79 | 20 |  |
| Ethylbenzene                        | 5.13 | 0.0250 | 5.00 |  | 103 | 70-130 | 2.11 | 20 |  |
| Toluene                             | 5.26 | 0.0250 | 5.00 |  | 105 | 70-130 | 1.87 | 20 |  |
| o-Xylene                            | 5.10 | 0.0250 | 5.00 |  | 102 | 70-130 | 1.88 | 20 |  |
| p,m-Xylene                          | 10.4 | 0.0500 | 10.0 |  | 104 | 70-130 | 2.18 | 20 |  |
| Total Xylenes                       | 15.5 | 0.0250 | 15.0 |  | 103 | 70-130 | 2.08 | 20 |  |
| Surrogate: 4-Bromochlorobenzene-PID | 8.76 |        | 8.00 |  | 110 | 70-130 |      |    |  |



QC Summary Data

|                                      |                  |                  |                                     |
|--------------------------------------|------------------|------------------|-------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Marwari 28 CTB 1 | Reported:<br><br>4/8/2025 4:23:01PM |
| PO Box 247                           | Project Number:  | 01058-0007       |                                     |
| Plains TX, 79355-0247                | Project Manager: | Lynsey Coons     |                                     |

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

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

Blank (2515022-BLK1) Prepared: 04/07/25 Analyzed: 04/07/25

|   |      |      |      |  |      |        |  |  |  |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10)        | ND   | 20.0 |      |  |      |        |  |  |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.50 |      | 8.00 |  | 93.7 | 70-130 |  |  |  |

LCS (2515022-BS2) Prepared: 04/07/25 Analyzed: 04/07/25

|   |      |      |      |  |      |        |  |  |  |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10)        | 41.0 | 20.0 | 50.0 |  | 82.1 | 70-130 |  |  |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.39 |      | 8.00 |  | 92.4 | 70-130 |  |  |  |

LCS Dup (2515022-BSD2) Prepared: 04/07/25 Analyzed: 04/07/25

|   |      |      |      |  |      |        |      |    |  |
|---|------|------|------|--|------|--------|------|----|--|
| Gasoline Range Organics (C6-C10)        | 43.1 | 20.0 | 50.0 |  | 86.1 | 70-130 | 4.83 | 20 |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.44 |      | 8.00 |  | 93.0 | 70-130 |      |    |  |



QC Summary Data

|                                      |                  |                  |                                     |
|--------------------------------------|------------------|------------------|-------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Marwari 28 CTB 1 | Reported:<br><br>4/8/2025 4:23:01PM |
| PO Box 247                           | Project Number:  | 01058-0007       |                                     |
| Plains TX, 79355-0247                | Project Manager: | Lynsey Coons     |                                     |

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

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

|                                 |      |      |      |  |                                       |        |  |  |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| Blank (2515028-BLK1)            |      |      |      |  | Prepared: 04/08/25 Analyzed: 04/08/25 |        |  |  |  |
| Diesel Range Organics (C10-C28) | ND   | 25.0 |      |  |                                       |        |  |  |  |
| Oil Range Organics (C28-C36)    | ND   | 50.0 |      |  |                                       |        |  |  |  |
| Surrogate: n-Nonane             | 55.0 |      | 50.0 |  | 110                                   | 61-141 |  |  |  |

|                                 |      |      |      |  |                                       |        |  |  |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| LCS (2515028-BS1)               |      |      |      |  | Prepared: 04/08/25 Analyzed: 04/08/25 |        |  |  |  |
| Diesel Range Organics (C10-C28) | 261  | 25.0 | 250  |  | 104                                   | 66-144 |  |  |  |
| Surrogate: n-Nonane             | 53.8 |      | 50.0 |  | 108                                   | 61-141 |  |  |  |

|                                 |      |      |      |  |                                       |        |      |    |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|------|----|--|
| LCS Dup (2515028-BSD1)          |      |      |      |  | Prepared: 04/08/25 Analyzed: 04/08/25 |        |      |    |  |
| Diesel Range Organics (C10-C28) | 257  | 25.0 | 250  |  | 103                                   | 66-144 | 1.46 | 20 |  |
| Surrogate: n-Nonane             | 52.1 |      | 50.0 |  | 104                                   | 61-141 |      |    |  |





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: | Lynsey Coons     | 04/08/25 16:23 |

- M5      The analysis of the MS sample required a dilution such that the spike recovery calculation does not provide useful information. The accociated 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 5

| 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 504050010580007   |                 |  |              | X           |                |            |                | X             |                  |      |     |      |  |
| Project Manager: Lynsey Coons   |              |        |                   | City, State, Zip:                 |              |                     |                 |  |              |             |                |            |                |               |                  |      |     |      |  |
| Address: 5614 N Lovington Hwy   |              |        |                   | Phone:                            |              |                     |                 |  |              |             |                |            |                |               |                  |      |     |      |  |
| City, State, Zip: Hobbs, NM 88240   |              |        |                   | Email:                            |              |                     |                 |  |              |             |                |            |                |               |                  |      |     |      |  |
| Phone: (575)318-7532  |              |        |                   | Miscellaneous: Project No. #139-2 |              |                     |                 |  |              |             |                |            |                |               |                  |      |     |      |  |
| Email: Lynsey@pimaoil.com   |              |        |                   |                                   |              |                     |                 |  |              |             |                |            |                |               |                  |      |     |      |  |
| Sample Information  |              |        |                   |                                   |              | Analysis and Method |                 |  |              |             |                |            |                | EPA Program   |                  |      |     |      |  |
| Time Sampled  | Date Sampled | Matrix | No. of Containers | Sample ID                         | Field 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 | Carbon/Anion Pkg | SDWA | CWA | RCRA |  |
| 8:00  | 4/4/2025     | S      |                   | CS1- 6" COMP.                     |              | 1                   |                 |  |              |             |                | X          |                |               |                  |      |     |      |  |
| 8:13  | 4/4/2025     | S      |                   | CS2- 6" COMP.                     |              | 2                   |                 |  |              |             |                | X          |                |               |                  |      |     |      |  |
| 8:17  | 4/4/2025     | S      |                   | CS3- 6" COMP.                     |              | 3                   |                 |  |              |             |                | X          |                |               |                  |      |     |      |  |
| 8:20  | 4/4/2025     | S      |                   | CS4- 6" COMP.                     |              | 4                   |                 |  |              |             |                | X          |                |               |                  |      |     |      |  |
| 8:25  | 4/4/2025     | S      |                   | CS5- 6" COMP.                     |              | 5                   |                 |  |              |             |                | X          |                |               |                  |      |     |      |  |
| 8:28  | 4/4/2025     | S      |                   | CS6- 6" COMP.                     |              | 6                   |                 |  |              |             |                | X          |                |               |                  |      |     |      |  |
| 8:32  | 4/4/2025     | S      |                   | CS7- 6" COMP.                     |              | 7                   |                 |  |              |             |                | X          |                |               |                  |      |     |      |  |
| 8:37  | 4/4/2025     | S      |                   | CS8- 6" COMP.                     |              | 8                   |                 |  |              |             |                | X          |                |               |                  |      |     |      |  |
| 8:42  | 4/4/25       | S      |                   | CS9- 6" COMP.                     |              | 9                   |                 |  |              |             |                | X          |                |               |                  |      |     |      |  |
| 8:47  | 4/4/25       | S      |                   | CS10- 6" COMP.                    |              | 10                  |                 |  |              |             |                | X          |                |               |                  |      |     |      |  |
| Additional Instructions: W/O # 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.<br>Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N<br>T1 _____ T2 _____ T3 _____<br>AVG Temp oC <u>4</u> |              |             |                |            |                |               |                  |      |     |      |  |
| Andrew Franco   |              | 4/4/25 | 2:00              | Karime Adame                      |              | 4/7/25              | 8:03            |  |              |             |                |            |                |               |                  |      |     |      |  |
| Karime Adame  |              | 4/7/25 | 12:00             | Karime Adame                      |              | 4/7/25              | 1:00            |  |              |             |                |            |                |               |                  |      |     |      |  |
| Karime Adame  |              | 4/7/25 | 1:30              | Karime Adame                      |              | 4/7/25              | 1:30            |  |              |             |                |            |                |               |                  |      |     |      |  |
| Relinquished by: (Signature)  |              | Date   | Time              | Received by: (Signature)          |              | Date                | Time            |  |              |             |                |            |                |               |                  |      |     |      |  |
| Karime Adame  |              | 4/7/25 | 1:30              | Karime Adame                      |              | 4/7/25              | 1:30            |  |              |             |                |            |                |               |                  |      |     |      |  |
| Relinquished by: (Signature)  |              | Date   | Time              | Received by: (Signature)          |              | Date                | Time            |  |              |             |                |            |                |               |                  |      |     |      |  |
| Karime Adame  |              | 4/7/25 | 1:30              | Karime Adame                      |              | 4/7/25              | 1:30            |  |              |             |                |            |                |               |                  |      |     |      |  |
| Relinquished by: (Signature)  |              | Date   | Time              | Received by: (Signature)          |              | Date                | Time            |  |              |             |                |            |                |               |                  |      |     |      |  |
| Karime Adame  |              | 4/7/25 | 1:30              | Karime Adame                      |              | 4/7/25              | 1:30            |  |              |             |                |            |                |               |                  |      |     |      |  |
| 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. |              |        |                   |                                   |              |                     |                 |  |              |             |                |            |                |               |                  |      |     |      |  |



## Chain of Custody

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| Client Information  |              |        |                   | Invoice Information               |              | Lab Use Only |                     | TAT  |              |             |                | State      |                |               |                  |      |     |      |
|---|--------------|--------|-------------------|-----------------------------------|--------------|--------------|---------------------|--|--------------|-------------|----------------|------------|----------------|---------------|------------------|------|-----|------|
| Client: Pima Environmental Services, LLC  |              |        |                   | Company: Devon                    |              | Lab WO#      |                     | Job Number   |              |             |                | 1D         | 2D             | 3D            | Std              |      |     |      |
| Project Name: Marwari 28 CTB 1  |              |        |                   | Address:                          |              | E 504050     |                     | 01058-0007   |              |             |                | X          |                |               |                  |      |     |      |
| Project Manager: Lynsey Coons   |              |        |                   | City, State, Zip:                 |              |              |                     |  |              |             |                |            |                |               |                  |      |     |      |
| Address: 5614 N Lovington Hwy   |              |        |                   | Phone:                            |              |              |                     |  |              |             |                |            |                |               |                  |      |     |      |
| City, State, Zip: Hobbs, NM 88240   |              |        |                   | Email:                            |              |              |                     |  |              |             |                |            |                |               |                  |      |     |      |
| Phone: (575)318-7532  |              |        |                   | Miscellaneous: Project No. #139-2 |              |              |                     |  |              |             |                |            |                |               |                  |      |     |      |
| Email: lynsey@pimaoil.com   |              |        |                   |                                   |              |              |                     |  |              |             |                |            |                |               |                  |      |     |      |
| Sample Information  |              |        |                   |                                   |              |              | Analysis and Method |  |              |             |                |            |                | EPA Program   |                  |      |     |      |
| Time Sampled  | Date Sampled | Matrix | No. of Containers | Sample ID                         | Field 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 |
| 8:52  | 4/4/2025     | S      |                   | CS11- 6" COMP.                    |              | 11           |                     |  |              |             |                | X          |                |               |                  |      |     |      |
| 8:59  | 4/4/2025     | S      |                   | CS12- 6" COMP.                    |              | 12           |                     |  |              |             |                | X          |                |               |                  |      |     |      |
| 9:01  | 4/4/2025     | S      |                   | CS13- 6" COMP.                    |              | 13           |                     |  |              |             |                | X          |                |               |                  |      |     |      |
| 9:07  | 4/4/2025     | S      |                   | CS14- 6" COMP.                    |              | 14           |                     |  |              |             |                | X          |                |               |                  |      |     |      |
| 9:09  | 4/4/2025     | S      |                   | CS15- 6" COMP.                    |              | 15           |                     |  |              |             |                | X          |                |               |                  |      |     |      |
| 9:18  | 4/4/2025     | S      |                   | CS16- 6" COMP.                    |              | 16           |                     |  |              |             |                | X          |                |               |                  |      |     |      |
| 9:22  | 4/4/2025     | S      |                   | CS17- 6" COMP.                    |              | 17           |                     |  |              |             |                | X          |                |               |                  |      |     |      |
| 9:26  | 4/4/2025     | S      |                   | CS18- 6" COMP.                    |              | 18           |                     |  |              |             |                | X          |                |               |                  |      |     |      |
| 9:30  | 4/4/25       | S      |                   | CS19- 6" COMP.                    |              | 19           |                     |  |              |             |                | X          |                |               |                  |      |     |      |
| 9:34  | 4/4/25       | S      |                   | CS20- 6" COMP.                    |              | 20           |                     |  |              |             |                | X          |                |               |                  |      |     |      |
| Additional Instructions: W/O # 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.<br><br>Received on ice: <u>Y</u> / N<br><br>T1 _____ T2 _____ T3 _____<br><br>AVG Temp oC <u>4</u> |              |             |                |            |                |               |                  |      |     |      |
| Andrew Franco   |              | 4/4/25 | 2:00              | Kerime Akane                      |              | 4/7/25       | 8:03                |  |              |             |                |            |                |               |                  |      |     |      |
| Kerime Akane  |              | 4/7/25 | 12:00             | Kerime Akane                      |              | 4-7-25       | 1400                |  |              |             |                |            |                |               |                  |      |     |      |
| Kerime Akane  |              | 4-7-25 | 1830              | Kerime Akane                      |              | 4-7-25       | 1730                |  |              |             |                |            |                |               |                  |      |     |      |
| Relinquished by: (Signature)  |              | Date   | Time              | Received by: (Signature)          |              | Date         | Time                |  |              |             |                |            |                |               |                  |      |     |      |
| Kerime Akane  |              | 4-7-25 | 2400              | Kerime Akane                      |              | 4-8-25       | 0430                |  |              |             |                |            |                |               |                  |      |     |      |
| 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: 4/8/2025 8:49:08AM

## 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:  | 04/08/25 04:30             | Work Order ID: | E504050      |
| Phone:  | (575) 631-6977                       | Date Logged In: | 04/07/25 14:35             | Logged In By:  | Caitlin Mars |
| Email:  | lynsey@pimaoil.com                   | Due Date:       | 04/08/25 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

Project Marwari 28 CTB 1 has been separated into 2 reports due to sample volume. WO are E504050 & E504051. 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? Yes

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

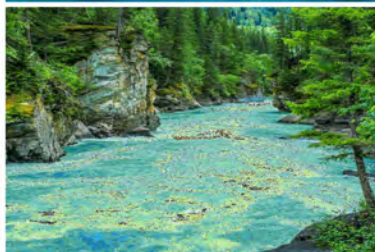
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:  
Lynsey Coons



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Marwari 28 CTB 1

Work Order: E504051

Job Number: 01058-0007

Received: 4/8/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
4/8/25

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: 4/8/25

Lynsey Coons  
PO Box 247  
Plains, TX 79355-0247



Project Name: Marwari 28 CTB 1  
Workorder: E504051  
Date Received: 4/8/2025 4:30:00AM

Lynsey Coons,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/8/2025 4:30:00AM, 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:

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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> |
| PO Box 247                           | Project Number:  | 01058-0007       |                  |
| Plains TX, 79355-0247                | Project Manager: | Lynsey Coons     |                  |
|                                      |                  |                  | 04/08/25 16:38   |

| Client Sample ID       | Lab Sample ID | Matrix | Sampled  | Received | Container        |
|------------------------|---------------|--------|----------|----------|------------------|
| CS21-6" COMP.          | E504051-01A   | Soil   | 04/04/25 | 04/08/25 | Glass Jar, 2 oz. |
| CS22-6" COMP.          | E504051-02A   | Soil   | 04/04/25 | 04/08/25 | Glass Jar, 2 oz. |
| CS23-6" COMP.          | E504051-03A   | Soil   | 04/04/25 | 04/08/25 | Glass Jar, 2 oz. |
| CS24-6" COMP.          | E504051-04A   | Soil   | 04/04/25 | 04/08/25 | Glass Jar, 2 oz. |
| CS25-6" COMP.          | E504051-05A   | Soil   | 04/04/25 | 04/08/25 | Glass Jar, 2 oz. |
| CS26-6" COMP.          | E504051-06A   | Soil   | 04/04/25 | 04/08/25 | Glass Jar, 2 oz. |
| CS27-6" COMP.          | E504051-07A   | Soil   | 04/04/25 | 04/08/25 | Glass Jar, 2 oz. |
| CS28-6" COMP.          | E504051-08A   | Soil   | 04/04/25 | 04/08/25 | Glass Jar, 2 oz. |
| CS29-6" COMP.          | E504051-09A   | Soil   | 04/04/25 | 04/08/25 | Glass Jar, 2 oz. |
| CS30-6" COMP.          | E504051-10A   | Soil   | 04/04/25 | 04/08/25 | Glass Jar, 2 oz. |
| CS31-6" COMP.          | E504051-11A   | Soil   | 04/04/25 | 04/08/25 | Glass Jar, 2 oz. |
| CSW1-SURFACE-6" COMP.  | E504051-12A   | Soil   | 04/04/25 | 04/08/25 | Glass Jar, 2 oz. |
| CSW2-SURFACE-6" COMP.  | E504051-13A   | Soil   | 04/04/25 | 04/08/25 | Glass Jar, 2 oz. |
| CSW3-SURFACE-6" COMP.  | E504051-14A   | Soil   | 04/04/25 | 04/08/25 | Glass Jar, 2 oz. |
| CSW4-SURFACE-6" COMP.  | E504051-15A   | Soil   | 04/04/25 | 04/08/25 | Glass Jar, 2 oz. |
| CSW5-SURFACE-6" COMP.  | E504051-16A   | Soil   | 04/04/25 | 04/08/25 | Glass Jar, 2 oz. |
| CSW6-SURFACE-6" COMP.  | E504051-17A   | Soil   | 04/04/25 | 04/08/25 | Glass Jar, 2 oz. |
| CSW7-SURFACE-6" COMP.  | E504051-18A   | Soil   | 04/04/25 | 04/08/25 | Glass Jar, 2 oz. |
| CSW8-SURFACE-6" COMP.  | E504051-19A   | Soil   | 04/04/25 | 04/08/25 | Glass Jar, 2 oz. |
| CSW9-SURFACE-6" COMP.  | E504051-20A   | Soil   | 04/04/25 | 04/08/25 | Glass Jar, 2 oz. |
| CSW10-SURFACE-6" COMP. | E504051-21A   | Soil   | 04/04/25 | 04/08/25 | Glass Jar, 2 oz. |
| CSW11-SURFACE-6" SOMP. | E504051-22A   | Soil   | 04/04/25 | 04/08/25 | Glass Jar, 2 oz. |
| CSW12-SURFACE-6" COMP. | E504051-23A   | Soil   | 04/04/25 | 04/08/25 | Glass Jar, 2 oz. |
| CSW13-SURFACE-6" COMP. | E504051-24A   | Soil   | 04/04/25 | 04/08/25 | Glass Jar, 2 oz. |
| CSW14-SURFACE-6" COMP. | E504051-25A   | Soil   | 04/04/25 | 04/08/25 | Glass Jar, 2 oz. |
| CSW15-SURFACE-6" COMP. | E504051-26A   | Soil   | 04/04/25 | 04/08/25 | Glass Jar, 2 oz. |
| CSW16-SURFACE-6" SOMP. | E504051-27A   | Soil   | 04/04/25 | 04/08/25 | 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: Lynsey Coons

**Reported:**  
4/8/2025 4:38:06PM

### CS21-6" COMP.

#### E504051-01

| Analyte   | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2515023 |       |
| Benzene   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| Ethylbenzene  | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| Toluene   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| o-Xylene  | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| p,m-Xylene  | ND     | 0.0500          | 1           | 04/08/25 | 04/08/25       |       |
| Total Xylenes   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |             |          |                |       |
|   | 98.6 % | 70-130          |             | 04/08/25 | 04/08/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2515023 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |             |          |                |       |
|   | 87.6 % | 70-130          |             | 04/08/25 | 04/08/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: KH |          | Batch: 2515026 |       |
| Diesel Range Organics (C10-C28)                       | 35     | 25.0            | 1           | 04/08/25 | 04/08/25       |       |
| Oil Range Organics (C28-C36)                          | 17     | 50.0            | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: n-Nonane</i>                            |        |                 |             |          |                |       |
|   | 101 %  | 61-141          |             | 04/08/25 | 04/08/25       |       |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2515025 |       |
| Chloride  | 230    | 40.0            | 2           | 04/08/25 | 04/08/25       |       |





## 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: Lynsey Coons

**Reported:**  
4/8/2025 4:38:06PM

## CS22-6" COMP.

## E504051-02

| Analyte   | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2515023 |       |
| Benzene   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| Ethylbenzene  | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| Toluene   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| o-Xylene  | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| p,m-Xylene  | ND     | 0.0500          | 1           | 04/08/25 | 04/08/25       |       |
| Total Xylenes   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |             |          |                |       |
|   | 97.2 % | 70-130          |             | 04/08/25 | 04/08/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2515023 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |             |          |                |       |
|   | 87.3 % | 70-130          |             | 04/08/25 | 04/08/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: KH |          | Batch: 2515026 |       |
| Diesel Range Organics (C10-C28)                       | 36.0   | 25.0            | 1           | 04/08/25 | 04/08/25       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: n-Nonane</i>                            |        |                 |             |          |                |       |
|   | 97.9 % | 61-141          |             | 04/08/25 | 04/08/25       |       |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2515025 |       |
| Chloride  | 333    | 40.0            | 2           | 04/08/25 | 04/08/25       |       |



## 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: Lynsey Coons

**Reported:**  
4/8/2025 4:38:06PM

## CS23-6" COMP.

## E504051-03

| Analyte   | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2515023 |       |
| Benzene   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| Ethylbenzene  | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| Toluene   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| o-Xylene  | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| p,m-Xylene  | ND     | 0.0500          | 1           | 04/08/25 | 04/08/25       |       |
| Total Xylenes   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            | 96.0 % | 70-130          |             | 04/08/25 | 04/08/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2515023 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        | 88.0 % | 70-130          |             | 04/08/25 | 04/08/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KH |          | Batch: 2515026 |       |
| Diesel Range Organics (C10-C28)                       | 38     | 25.0            | 1           | 04/08/25 | 04/08/25       |       |
| Oil Range Organics (C28-C36)                          | 16     | 50.0            | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: n-Nonane</i>                            | 98.2 % | 61-141          |             | 04/08/25 | 04/08/25       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2515025 |       |
| Chloride  | 423    | 40.0            | 2           | 04/08/25 | 04/08/25       |       |



## 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: Lynsey Coons

**Reported:**  
4/8/2025 4:38:06PM

## CS24-6" COMP.

## E504051-04

| Analyte   | Result        | Reporting Limit | Dilution    | Prepared        | Analyzed        | Notes |
|---|---------------|-----------------|-------------|-----------------|-----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg         | mg/kg           | Analyst: BA |                 | Batch: 2515023  |       |
| Benzene   | ND            | 0.0250          | 1           | 04/08/25        | 04/08/25        |       |
| Ethylbenzene  | ND            | 0.0250          | 1           | 04/08/25        | 04/08/25        |       |
| Toluene   | ND            | 0.0250          | 1           | 04/08/25        | 04/08/25        |       |
| o-Xylene  | ND            | 0.0250          | 1           | 04/08/25        | 04/08/25        |       |
| p,m-Xylene  | ND            | 0.0500          | 1           | 04/08/25        | 04/08/25        |       |
| Total Xylenes   | ND            | 0.0250          | 1           | 04/08/25        | 04/08/25        |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            | <i>94.1 %</i> | <i>70-130</i>   |             | <i>04/08/25</i> | <i>04/08/25</i> |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg         | mg/kg           | Analyst: BA |                 | Batch: 2515023  |       |
| Gasoline Range Organics (C6-C10)                      | ND            | 20.0            | 1           | 04/08/25        | 04/08/25        |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        | <i>87.3 %</i> | <i>70-130</i>   |             | <i>04/08/25</i> | <i>04/08/25</i> |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg         | mg/kg           | Analyst: KH |                 | Batch: 2515026  |       |
| Diesel Range Organics (C10-C28)                       | ND            | 25.0            | 1           | 04/08/25        | 04/08/25        |       |
| Oil Range Organics (C28-C36)                          | ND            | 50.0            | 1           | 04/08/25        | 04/08/25        |       |
| <i>Surrogate: n-Nonane</i>                            | <i>94.1 %</i> | <i>61-141</i>   |             | <i>04/08/25</i> | <i>04/08/25</i> |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg         | mg/kg           | Analyst: DT |                 | Batch: 2515025  |       |
| Chloride  | <b>410</b>    | 40.0            | 2           | 04/08/25        | 04/08/25        |       |



## 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: Lynsey Coons

**Reported:**  
4/8/2025 4:38:06PM

## CS25-6" COMP.

E504051-05

| Analyte   | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2515023 |       |
| Benzene   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| Ethylbenzene  | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| Toluene   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| o-Xylene  | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| p,m-Xylene  | ND     | 0.0500          | 1           | 04/08/25 | 04/08/25       |       |
| Total Xylenes   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            | 96.2 % | 70-130          |             | 04/08/25 | 04/08/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2515023 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        | 88.9 % | 70-130          |             | 04/08/25 | 04/08/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KH |          | Batch: 2515026 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 04/08/25 | 04/08/25       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: n-Nonane</i>                            | 93.6 % | 61-141          |             | 04/08/25 | 04/08/25       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2515025 |       |
| Chloride  | 540    | 40.0            | 2           | 04/08/25 | 04/08/25       |       |



## 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: Lynsey Coons

**Reported:**  
4/8/2025 4:38:06PM

## CS26-6" COMP.

E504051-06

| Analyte   | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2515023 |       |
| Benzene   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| Ethylbenzene  | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| Toluene   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| o-Xylene  | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| p,m-Xylene  | ND     | 0.0500          | 1           | 04/08/25 | 04/08/25       |       |
| Total Xylenes   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |             |          |                |       |
|   | 96.3 % | 70-130          |             | 04/08/25 | 04/08/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2515023 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |             |          |                |       |
|   | 87.4 % | 70-130          |             | 04/08/25 | 04/08/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: KH |          | Batch: 2515026 |       |
| Diesel Range Organics (C10-C28)                       | 32.1   | 25.0            | 1           | 04/08/25 | 04/08/25       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: n-Nonane</i>                            |        |                 |             |          |                |       |
|   | 101 %  | 61-141          |             | 04/08/25 | 04/08/25       |       |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2515025 |       |
| Chloride  | 180    | 40.0            | 2           | 04/08/25 | 04/08/25       |       |





## 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: Lynsey Coons

**Reported:**  
4/8/2025 4:38:06PM

## CS27-6" COMP.

E504051-07

| Analyte   | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2515023 |       |
| Benzene   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| Ethylbenzene  | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| Toluene   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| o-Xylene  | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| p,m-Xylene  | ND     | 0.0500          | 1           | 04/08/25 | 04/08/25       |       |
| Total Xylenes   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |             |          |                |       |
|   | 95.5 % | 70-130          |             | 04/08/25 | 04/08/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2515023 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |             |          |                |       |
|   | 88.7 % | 70-130          |             | 04/08/25 | 04/08/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: KH |          | Batch: 2515026 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 04/08/25 | 04/08/25       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: n-Nonane</i>                            |        |                 |             |          |                |       |
|   | 102 %  | 61-141          |             | 04/08/25 | 04/08/25       |       |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2515025 |       |
| Chloride  | 165    | 20.0            | 1           | 04/08/25 | 04/08/25       |       |



## 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: Lynsey Coons

**Reported:**  
4/8/2025 4:38:06PM

## CS28-6" COMP.

## E504051-08

| Analyte   | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2515023 |       |
| Benzene   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| Ethylbenzene  | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| Toluene   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| o-Xylene  | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| p,m-Xylene  | ND     | 0.0500          | 1           | 04/08/25 | 04/08/25       |       |
| Total Xylenes   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            | 98.9 % | 70-130          |             | 04/08/25 | 04/08/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2515023 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        | 88.5 % | 70-130          |             | 04/08/25 | 04/08/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KH |          | Batch: 2515026 |       |
| Diesel Range Organics (C10-C28)                       | 16     | 25.0            | 1           | 04/08/25 | 04/08/25       |       |
| Oil Range Organics (C28-C36)                          | 3.4    | 50.0            | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: n-Nonane</i>                            | 101 %  | 61-141          |             | 04/08/25 | 04/08/25       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: DT |          | Batch: 2515025 |       |
| Chloride  | 550    | 20.0            | 1           | 04/08/25 | 04/08/25       |       |



## 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: Lynsey Coons

**Reported:**  
4/8/2025 4:38:06PM

## CS29-6" COMP.

## E504051-09

| Analyte   | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|---|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2515023 |
| Benzene   | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| Toluene   | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 04/08/25    | 04/08/25 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |          |             |          |                |
|   | 99.4 % | 70-130          |          | 04/08/25    | 04/08/25 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2515023 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 04/08/25    | 04/08/25 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |          |             |          |                |
|   | 87.6 % | 70-130          |          | 04/08/25    | 04/08/25 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KH |          | Batch: 2515026 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 04/08/25    | 04/08/25 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 04/08/25    | 04/08/25 |                |
| <i>Surrogate: n-Nonane</i>                            |        |                 |          |             |          |                |
|   | 102 %  | 61-141          |          | 04/08/25    | 04/08/25 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: DT |          | Batch: 2515025 |
| Chloride  | 464    | 40.0            | 2        | 04/08/25    | 04/08/25 |                |



## 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: Lynsey Coons

**Reported:**  
4/8/2025 4:38:06PM

## CS30-6" COMP.

## E504051-10

| Analyte   | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2515023 |       |
| Benzene   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| Ethylbenzene  | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| Toluene   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| o-Xylene  | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| p,m-Xylene  | ND     | 0.0500          | 1           | 04/08/25 | 04/08/25       |       |
| Total Xylenes   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |             |          |                |       |
|   | 98.5 % | 70-130          |             | 04/08/25 | 04/08/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2515023 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |             |          |                |       |
|   | 88.4 % | 70-130          |             | 04/08/25 | 04/08/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: KH |          | Batch: 2515026 |       |
| Diesel Range Organics (C10-C28)                       | 76     | 25.0            | 1           | 04/08/25 | 04/08/25       |       |
| Oil Range Organics (C28-C36)                          | 44     | 50.0            | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: n-Nonane</i>                            |        |                 |             |          |                |       |
|   | 98.7 % | 61-141          |             | 04/08/25 | 04/08/25       |       |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: JM |          | Batch: 2515025 |       |
| Chloride  | 353    | 20.0            | 1           | 04/08/25 | 04/08/25       |       |



## 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: Lynsey Coons

**Reported:**  
4/8/2025 4:38:06PM

## CS31-6" COMP.

## E504051-11

| Analyte   | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|---|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2515023 |
| Benzene   | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| Toluene   | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 04/08/25    | 04/08/25 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |          |             |          |                |
|   | 98.4 % | 70-130          |          | 04/08/25    | 04/08/25 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2515023 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 04/08/25    | 04/08/25 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |          |             |          |                |
|   | 87.6 % | 70-130          |          | 04/08/25    | 04/08/25 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: HM |          | Batch: 2515026 |
| Diesel Range Organics (C10-C28)                       | 9.2    | 25.0            | 1        | 04/08/25    | 04/08/25 |                |
| Oil Range Organics (C28-C36)                          | 3.0    | 50.0            | 1        | 04/08/25    | 04/08/25 |                |
| <i>Surrogate: n-Nonane</i>                            |        |                 |          |             |          |                |
|   | 101 %  | 61-141          |          | 04/08/25    | 04/08/25 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: JM |          | Batch: 2515025 |
| Chloride  | 420    | 40.0            | 2        | 04/08/25    | 04/08/25 |                |





## 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: Lynsey Coons

**Reported:**  
4/8/2025 4:38:06PM

## CSW1-SURFACE-6" COMP.

E504051-12

| Analyte   | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2515023 |       |
| Benzene   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| Ethylbenzene  | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| Toluene   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| o-Xylene  | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| p,m-Xylene  | ND     | 0.0500          | 1           | 04/08/25 | 04/08/25       |       |
| Total Xylenes   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            | 97.6 % | 70-130          |             | 04/08/25 | 04/08/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2515023 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        | 89.4 % | 70-130          |             | 04/08/25 | 04/08/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: HM |          | Batch: 2515026 |       |
| Diesel Range Organics (C10-C28)                       | 9.7    | 25.0            | 1           | 04/08/25 | 04/08/25       |       |
| Oil Range Organics (C28-C36)                          | 9.0    | 50.0            | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: n-Nonane</i>                            | 101 %  | 61-141          |             | 04/08/25 | 04/08/25       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: JM |          | Batch: 2515025 |       |
| Chloride  | 173    | 400             | 20          | 04/08/25 | 04/08/25       |       |



## 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: Lynsey Coons

**Reported:**  
4/8/2025 4:38:06PM

## CSW2-SURFACE-6" COMP.

E504051-13

| Analyte   | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2515023 |       |
| Benzene   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| Ethylbenzene  | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| Toluene   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| o-Xylene  | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| p,m-Xylene  | ND     | 0.0500          | 1           | 04/08/25 | 04/08/25       |       |
| Total Xylenes   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            | 97.0 % | 70-130          |             | 04/08/25 | 04/08/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2515023 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        | 88.0 % | 70-130          |             | 04/08/25 | 04/08/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: HM |          | Batch: 2515026 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 04/08/25 | 04/08/25       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: n-Nonane</i>                            | 104 %  | 61-141          |             | 04/08/25 | 04/08/25       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: JM |          | Batch: 2515025 |       |
| Chloride  | 103    | 20.0            | 1           | 04/08/25 | 04/08/25       |       |



## 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: Lynsey Coons

**Reported:**  
4/8/2025 4:38:06PM

## CSW3-SURFACE-6" COMP.

E504051-14

| Analyte   | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|---|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2515023 |
| Benzene   | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| Toluene   | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 04/08/25    | 04/08/25 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |          |             |          |                |
|   | 98.6 % | 70-130          |          | 04/08/25    | 04/08/25 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2515023 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 04/08/25    | 04/08/25 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |          |             |          |                |
|   | 95.3 % | 70-130          |          | 04/08/25    | 04/08/25 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: HM |          | Batch: 2515026 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 04/08/25    | 04/08/25 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 04/08/25    | 04/08/25 |                |
| <i>Surrogate: n-Nonane</i>                            |        |                 |          |             |          |                |
|   | 101 %  | 61-141          |          | 04/08/25    | 04/08/25 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: JM |          | Batch: 2515025 |
| Chloride  | 30     | 20.0            | 1        | 04/08/25    | 04/08/25 |                |



## 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: Lynsey Coons

**Reported:**  
4/8/2025 4:38:06PM

## CSW4-SURFACE-6" COMP.

E504051-15

| Analyte   | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2515023 |       |
| Benzene   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| Ethylbenzene  | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| Toluene   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| o-Xylene  | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| p,m-Xylene  | ND     | 0.0500          | 1           | 04/08/25 | 04/08/25       |       |
| Total Xylenes   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            | 86.9 % | 70-130          |             | 04/08/25 | 04/08/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2515023 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        | 91.1 % | 70-130          |             | 04/08/25 | 04/08/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: HM |          | Batch: 2515026 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 04/08/25 | 04/08/25       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: n-Nonane</i>                            | 103 %  | 61-141          |             | 04/08/25 | 04/08/25       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: JM |          | Batch: 2515025 |       |
| Chloride  | 179    | 20.0            | 1           | 04/08/25 | 04/08/25       |       |



## 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: Lynsey Coons

**Reported:**  
4/8/2025 4:38:06PM

## CSW5-SURFACE-6" COMP.

E504051-16

| Analyte   | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2515023 |       |
| Benzene   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| Ethylbenzene  | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| Toluene   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| o-Xylene  | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| p,m-Xylene  | ND     | 0.0500          | 1           | 04/08/25 | 04/08/25       |       |
| Total Xylenes   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            | 86.2 % | 70-130          |             | 04/08/25 | 04/08/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2515023 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        | 91.9 % | 70-130          |             | 04/08/25 | 04/08/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: HM |          | Batch: 2515026 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 04/08/25 | 04/08/25       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: n-Nonane</i>                            | 112 %  | 61-141          |             | 04/08/25 | 04/08/25       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: JM |          | Batch: 2515025 |       |
| Chloride  | 193    | 20.0            | 1           | 04/08/25 | 04/08/25       |       |





## 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: Lynsey Coons

**Reported:**  
4/8/2025 4:38:06PM

## CSW6-SURFACE-6" COMP.

E504051-17

| Analyte   | Result        | Reporting Limit | Dilution    | Prepared        | Analyzed        | Notes |
|---|---------------|-----------------|-------------|-----------------|-----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg         | mg/kg           | Analyst: BA |                 | Batch: 2515023  |       |
| Benzene   | ND            | 0.0250          | 1           | 04/08/25        | 04/08/25        |       |
| Ethylbenzene  | ND            | 0.0250          | 1           | 04/08/25        | 04/08/25        |       |
| Toluene   | ND            | 0.0250          | 1           | 04/08/25        | 04/08/25        |       |
| o-Xylene  | ND            | 0.0250          | 1           | 04/08/25        | 04/08/25        |       |
| p,m-Xylene  | ND            | 0.0500          | 1           | 04/08/25        | 04/08/25        |       |
| Total Xylenes   | ND            | 0.0250          | 1           | 04/08/25        | 04/08/25        |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            | <i>90.8 %</i> | <i>70-130</i>   |             | <i>04/08/25</i> | <i>04/08/25</i> |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg         | mg/kg           | Analyst: BA |                 | Batch: 2515023  |       |
| Gasoline Range Organics (C6-C10)                      | ND            | 20.0            | 1           | 04/08/25        | 04/08/25        |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        | <i>91.4 %</i> | <i>70-130</i>   |             | <i>04/08/25</i> | <i>04/08/25</i> |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg         | mg/kg           | Analyst: HM |                 | Batch: 2515026  |       |
| Diesel Range Organics (C10-C28)                       | ND            | 25.0            | 1           | 04/08/25        | 04/08/25        |       |
| Oil Range Organics (C28-C36)                          | ND            | 50.0            | 1           | 04/08/25        | 04/08/25        |       |
| <i>Surrogate: n-Nonane</i>                            | <i>106 %</i>  | <i>61-141</i>   |             | <i>04/08/25</i> | <i>04/08/25</i> |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg         | mg/kg           | Analyst: JM |                 | Batch: 2515025  |       |
| Chloride  | 63            | 40.0            | 2           | 04/08/25        | 04/08/25        |       |



## 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: Lynsey Coons

**Reported:**  
4/8/2025 4:38:06PM

## CSW7-SURFACE-6" COMP.

E504051-18

| Analyte   | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|---|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2515023 |
| Benzene   | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| Toluene   | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 04/08/25    | 04/08/25 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |          |             |          |                |
|   | 97.8 % | 70-130          |          | 04/08/25    | 04/08/25 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2515023 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 04/08/25    | 04/08/25 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |          |             |          |                |
|   | 96.9 % | 70-130          |          | 04/08/25    | 04/08/25 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: HM |          | Batch: 2515026 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 04/08/25    | 04/08/25 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 04/08/25    | 04/08/25 |                |
| <i>Surrogate: n-Nonane</i>                            |        |                 |          |             |          |                |
|   | 108 %  | 61-141          |          | 04/08/25    | 04/08/25 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: JM |          | Batch: 2515025 |
| Chloride  | 15     | 20.0            | 1        | 04/08/25    | 04/08/25 |                |



## 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: Lynsey Coons

**Reported:**  
4/8/2025 4:38:06PM

## CSW8-SURFACE-6" COMP.

E504051-19

| Analyte   | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|---|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2515023 |
| Benzene   | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| Toluene   | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 04/08/25    | 04/08/25 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |          |             |          |                |
|   | 96.5 % | 70-130          |          | 04/08/25    | 04/08/25 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2515023 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 04/08/25    | 04/08/25 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |          |             |          |                |
|   | 100 %  | 70-130          |          | 04/08/25    | 04/08/25 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: HM |          | Batch: 2515026 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 04/08/25    | 04/08/25 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 04/08/25    | 04/08/25 |                |
| <i>Surrogate: n-Nonane</i>                            |        |                 |          |             |          |                |
|   | 107 %  | 61-141          |          | 04/08/25    | 04/08/25 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: JM |          | Batch: 2515025 |
| Chloride  | 26     | 40.0            | 2        | 04/08/25    | 04/08/25 |                |



## 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: Lynsey Coons

**Reported:**  
4/8/2025 4:38:06PM

## CSW9-SURFACE-6" COMP.

E504051-20

| Analyte   | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|---|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2515023 |
| Benzene   | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| Toluene   | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 04/08/25    | 04/08/25 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |          |             |          |                |
|   | 98.8 % | 70-130          |          | 04/08/25    | 04/08/25 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: BA |          | Batch: 2515023 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 04/08/25    | 04/08/25 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |          |             |          |                |
|   | 96.5 % | 70-130          |          | 04/08/25    | 04/08/25 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: HM |          | Batch: 2515026 |
| Diesel Range Organics (C10-C28)                       | 2.6    | 25.0            | 1        | 04/08/25    | 04/08/25 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 04/08/25    | 04/08/25 |                |
| <i>Surrogate: n-Nonane</i>                            |        |                 |          |             |          |                |
|   | 105 %  | 61-141          |          | 04/08/25    | 04/08/25 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: JM |          | Batch: 2515025 |
| Chloride  | 40     | 40.0            | 2        | 04/08/25    | 04/08/25 |                |



## 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: Lynsey Coons

**Reported:**  
4/8/2025 4:38:06PM

## CSW10-SURFACE-6" COMP.

E504051-21

| Analyte   | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|---|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2515021 |
| Benzene   | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| Toluene   | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 04/08/25    | 04/08/25 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| Surrogate: Bromofluorobenzene                         |        | 104 %           | 70-130   | 04/08/25    | 04/08/25 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 97.1 %          | 70-130   | 04/08/25    | 04/08/25 |                |
| Surrogate: Toluene-d8                                 |        | 104 %           | 70-130   | 04/08/25    | 04/08/25 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2515021 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 04/08/25    | 04/08/25 |                |
| Surrogate: Bromofluorobenzene                         |        | 104 %           | 70-130   | 04/08/25    | 04/08/25 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 97.1 %          | 70-130   | 04/08/25    | 04/08/25 |                |
| Surrogate: Toluene-d8                                 |        | 104 %           | 70-130   | 04/08/25    | 04/08/25 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KH |          | Batch: 2515027 |
| Diesel Range Organics (C10-C28)                       | 3      | 25.0            | 1        | 04/08/25    | 04/08/25 |                |
| Oil Range Organics (C28-C36)                          | 3.9    | 50.0            | 1        | 04/08/25    | 04/08/25 |                |
| Surrogate: n-Nonane                                   |        | 97.4 %          | 61-141   | 04/08/25    | 04/08/25 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: JM |          | Batch: 2515029 |
| Chloride  | 20     | 40.0            | 2        | 04/08/25    | 04/08/25 |                |





## 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: Lynsey Coons

**Reported:**  
4/8/2025 4:38:06PM

## CSW11-SURFACE-6" SOMP.

E504051-22

| Analyte   | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|---|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2515021 |
| Benzene   | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| Toluene   | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 04/08/25    | 04/08/25 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| Surrogate: Bromofluorobenzene                         |        | 103 %           | 70-130   | 04/08/25    | 04/08/25 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 96.7 %          | 70-130   | 04/08/25    | 04/08/25 |                |
| Surrogate: Toluene-d8                                 |        | 104 %           | 70-130   | 04/08/25    | 04/08/25 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2515021 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 04/08/25    | 04/08/25 |                |
| Surrogate: Bromofluorobenzene                         |        | 103 %           | 70-130   | 04/08/25    | 04/08/25 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 96.7 %          | 70-130   | 04/08/25    | 04/08/25 |                |
| Surrogate: Toluene-d8                                 |        | 104 %           | 70-130   | 04/08/25    | 04/08/25 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KH |          | Batch: 2515027 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 04/08/25    | 04/08/25 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 04/08/25    | 04/08/25 |                |
| Surrogate: n-Nonane                                   |        | 97.5 %          | 61-141   | 04/08/25    | 04/08/25 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: JM |          | Batch: 2515029 |
| Chloride  | 150    | 20.0            | 1        | 04/08/25    | 04/08/25 |                |



## 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: Lynsey Coons

**Reported:**  
4/8/2025 4:38:06PM

## CSW12-SURFACE-6" COMP.

E504051-23

| Analyte   | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|---|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2515021 |
| Benzene   | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| Toluene   | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 04/08/25    | 04/08/25 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| Surrogate: Bromofluorobenzene                         |        | 102 %           | 70-130   | 04/08/25    | 04/08/25 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 102 %           | 70-130   | 04/08/25    | 04/08/25 |                |
| Surrogate: Toluene-d8                                 |        | 104 %           | 70-130   | 04/08/25    | 04/08/25 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2515021 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 04/08/25    | 04/08/25 |                |
| Surrogate: Bromofluorobenzene                         |        | 102 %           | 70-130   | 04/08/25    | 04/08/25 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 102 %           | 70-130   | 04/08/25    | 04/08/25 |                |
| Surrogate: Toluene-d8                                 |        | 104 %           | 70-130   | 04/08/25    | 04/08/25 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: HM |          | Batch: 2515027 |
| Diesel Range Organics (C10-C28)                       | 24     | 25.0            | 1        | 04/08/25    | 04/08/25 |                |
| Oil Range Organics (C28-C36)                          | 24     | 50.0            | 1        | 04/08/25    | 04/08/25 |                |
| Surrogate: n-Nonane                                   |        | 104 %           | 61-141   | 04/08/25    | 04/08/25 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: JM |          | Batch: 2515029 |
| Chloride  | 70     | 40.0            | 2        | 04/08/25    | 04/08/25 |                |



## 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: Lynsey Coons

**Reported:**  
4/8/2025 4:38:06PM

## CSW13-SURFACE-6" COMP.

E504051-24

| Analyte   | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|---|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2515021 |
| Benzene   | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| Toluene   | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 04/08/25    | 04/08/25 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| Surrogate: Bromofluorobenzene                         |        | 100 %           | 70-130   | 04/08/25    | 04/08/25 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 101 %           | 70-130   | 04/08/25    | 04/08/25 |                |
| Surrogate: Toluene-d8                                 |        | 105 %           | 70-130   | 04/08/25    | 04/08/25 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2515021 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 04/08/25    | 04/08/25 |                |
| Surrogate: Bromofluorobenzene                         |        | 100 %           | 70-130   | 04/08/25    | 04/08/25 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 101 %           | 70-130   | 04/08/25    | 04/08/25 |                |
| Surrogate: Toluene-d8                                 |        | 105 %           | 70-130   | 04/08/25    | 04/08/25 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: HM |          | Batch: 2515027 |
| Diesel Range Organics (C10-C28)                       | 19     | 25.0            | 1        | 04/08/25    | 04/08/25 |                |
| Oil Range Organics (C28-C36)                          | 10     | 50.0            | 1        | 04/08/25    | 04/08/25 |                |
| Surrogate: n-Nonane                                   |        | 109 %           | 61-141   | 04/08/25    | 04/08/25 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: JM |          | Batch: 2515029 |
| Chloride  | 60     | 40.0            | 2        | 04/08/25    | 04/08/25 |                |



## 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: Lynsey Coons

**Reported:**  
4/8/2025 4:38:06PM

## CSW14-SURFACE-6" COMP.

E504051-25

| Analyte   | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|---|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2515021 |
| Benzene   | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| Toluene   | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 04/08/25    | 04/08/25 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| Surrogate: Bromofluorobenzene                         |        | 102 %           | 70-130   | 04/08/25    | 04/08/25 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 101 %           | 70-130   | 04/08/25    | 04/08/25 |                |
| Surrogate: Toluene-d8                                 |        | 106 %           | 70-130   | 04/08/25    | 04/08/25 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2515021 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 04/08/25    | 04/08/25 |                |
| Surrogate: Bromofluorobenzene                         |        | 102 %           | 70-130   | 04/08/25    | 04/08/25 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 101 %           | 70-130   | 04/08/25    | 04/08/25 |                |
| Surrogate: Toluene-d8                                 |        | 106 %           | 70-130   | 04/08/25    | 04/08/25 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: HM |          | Batch: 2515027 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 04/08/25    | 04/08/25 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 04/08/25    | 04/08/25 |                |
| Surrogate: n-Nonane                                   |        | 107 %           | 61-141   | 04/08/25    | 04/08/25 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: JM |          | Batch: 2515029 |
| Chloride  | 80     | 40.0            | 2        | 04/08/25    | 04/08/25 |                |



## 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: Lynsey Coons

**Reported:**  
4/8/2025 4:38:06PM

## CSW15-SURFACE-6" COMP.

E504051-26

| Analyte   | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|---|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2515021 |
| Benzene   | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| Toluene   | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 04/08/25    | 04/08/25 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| Surrogate: Bromofluorobenzene                         | 99.5 % | 70-130          |          | 04/08/25    | 04/08/25 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 98.0 % | 70-130          |          | 04/08/25    | 04/08/25 |                |
| Surrogate: Toluene-d8                                 | 105 %  | 70-130          |          | 04/08/25    | 04/08/25 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2515021 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 04/08/25    | 04/08/25 |                |
| Surrogate: Bromofluorobenzene                         | 99.5 % | 70-130          |          | 04/08/25    | 04/08/25 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 98.0 % | 70-130          |          | 04/08/25    | 04/08/25 |                |
| Surrogate: Toluene-d8                                 | 105 %  | 70-130          |          | 04/08/25    | 04/08/25 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: HM |          | Batch: 2515027 |
| Diesel Range Organics (C10-C28)                       | 8.3    | 25.0            | 1        | 04/08/25    | 04/08/25 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 04/08/25    | 04/08/25 |                |
| Surrogate: n-Nonane                                   | 106 %  | 61-141          |          | 04/08/25    | 04/08/25 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: JM |          | Batch: 2515029 |
| Chloride  | 39     | 40.0            | 2        | 04/08/25    | 04/08/25 |                |





## 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: Lynsey Coons

**Reported:**  
4/8/2025 4:38:06PM

## CSW16-SURFACE-6" SOMP.

E504051-27

| Analyte   | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|---|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2515021 |
| Benzene   | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| Toluene   | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 04/08/25    | 04/08/25 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| Surrogate: Bromofluorobenzene                         |        | 102 %           | 70-130   | 04/08/25    | 04/08/25 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 100 %           | 70-130   | 04/08/25    | 04/08/25 |                |
| Surrogate: Toluene-d8                                 |        | 105 %           | 70-130   | 04/08/25    | 04/08/25 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2515021 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 04/08/25    | 04/08/25 |                |
| Surrogate: Bromofluorobenzene                         |        | 102 %           | 70-130   | 04/08/25    | 04/08/25 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 100 %           | 70-130   | 04/08/25    | 04/08/25 |                |
| Surrogate: Toluene-d8                                 |        | 105 %           | 70-130   | 04/08/25    | 04/08/25 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: HM |          | Batch: 2515027 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 04/08/25    | 04/08/25 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 04/08/25    | 04/08/25 |                |
| Surrogate: n-Nonane                                   |        | 113 %           | 61-141   | 04/08/25    | 04/08/25 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: JM |          | Batch: 2515029 |
| Chloride  | 110    | 20.0            | 1        | 04/08/25    | 04/08/25 |                |



QC Summary Data

|                                      |                  |                  |                                     |
|--------------------------------------|------------------|------------------|-------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Marwari 28 CTB 1 | Reported:<br><br>4/8/2025 4:38:06PM |
| PO Box 247                           | Project Number:  | 01058-0007       |                                     |
| Plains TX, 79355-0247                | Project Manager: | Lynsey Coons     |                                     |

Volatile Organic Compounds by EPA 8260B

Analyst: SL

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

Blank (2515021-BLK1) Prepared: 04/07/25 Analyzed: 04/07/25

|                                  |       |        |       |  |      |        |  |  |  |
|----------------------------------|-------|--------|-------|--|------|--------|--|--|--|
| 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: Bromofluorobenzene    | 0.501 |        | 0.500 |  | 100  | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.484 |        | 0.500 |  | 96.7 | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.509 |        | 0.500 |  | 102  | 70-130 |  |  |  |

LCS (2515021-BS1) Prepared: 04/07/25 Analyzed: 04/07/25

|                                  |       |        |       |  |      |        |  |  |  |
|----------------------------------|-------|--------|-------|--|------|--------|--|--|--|
| Benzene                          | 2.21  | 0.0250 | 2.50  |  | 88.2 | 70-130 |  |  |  |
| Ethylbenzene                     | 2.29  | 0.0250 | 2.50  |  | 91.6 | 70-130 |  |  |  |
| Toluene                          | 2.35  | 0.0250 | 2.50  |  | 94.0 | 70-130 |  |  |  |
| o-Xylene                         | 2.40  | 0.0250 | 2.50  |  | 96.2 | 70-130 |  |  |  |
| p,m-Xylene                       | 4.98  | 0.0500 | 5.00  |  | 99.6 | 70-130 |  |  |  |
| Total Xylenes                    | 7.38  | 0.0250 | 7.50  |  | 98.4 | 70-130 |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.515 |        | 0.500 |  | 103  | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.512 |        | 0.500 |  | 102  | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.506 |        | 0.500 |  | 101  | 70-130 |  |  |  |

LCS Dup (2515021-BSD1) Prepared: 04/07/25 Analyzed: 04/07/25

|                                  |       |        |       |  |      |        |      |    |  |
|----------------------------------|-------|--------|-------|--|------|--------|------|----|--|
| Benzene                          | 2.26  | 0.0250 | 2.50  |  | 90.3 | 70-130 | 2.35 | 23 |  |
| Ethylbenzene                     | 2.37  | 0.0250 | 2.50  |  | 94.8 | 70-130 | 3.37 | 27 |  |
| Toluene                          | 2.43  | 0.0250 | 2.50  |  | 97.0 | 70-130 | 3.18 | 24 |  |
| o-Xylene                         | 2.45  | 0.0250 | 2.50  |  | 98.0 | 70-130 | 1.90 | 27 |  |
| p,m-Xylene                       | 5.07  | 0.0500 | 5.00  |  | 101  | 70-130 | 1.78 | 27 |  |
| Total Xylenes                    | 7.52  | 0.0250 | 7.50  |  | 100  | 70-130 | 1.82 | 27 |  |
| Surrogate: Bromofluorobenzene    | 0.516 |        | 0.500 |  | 103  | 70-130 |      |    |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.528 |        | 0.500 |  | 106  | 70-130 |      |    |  |
| Surrogate: Toluene-d8            | 0.508 |        | 0.500 |  | 102  | 70-130 |      |    |  |



QC Summary Data

|                                      |                  |                  |                                     |
|--------------------------------------|------------------|------------------|-------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Marwari 28 CTB 1 | Reported:<br><br>4/8/2025 4:38:06PM |
| PO Box 247                           | Project Number:  | 01058-0007       |                                     |
| Plains TX, 79355-0247                | Project Manager: | Lynsey Coons     |                                     |

Volatile Organics by EPA 8021B

Analyst: BA

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

Blank (2515023-BLK1)

Prepared: 04/07/25 Analyzed: 04/07/25

|                                     |      |        |      |  |     |        |  |  |  |
|-------------------------------------|------|--------|------|--|-----|--------|--|--|--|
| 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 | 8.70 |        | 8.00 |  | 109 | 70-130 |  |  |  |

LCS (2515023-BS1)

Prepared: 04/07/25 Analyzed: 04/07/25

|                                     |      |        |      |  |      |        |  |  |  |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene                             | 4.97 | 0.0250 | 5.00 |  | 99.4 | 70-130 |  |  |  |
| Ethylbenzene                        | 4.81 | 0.0250 | 5.00 |  | 96.2 | 70-130 |  |  |  |
| Toluene                             | 4.95 | 0.0250 | 5.00 |  | 99.1 | 70-130 |  |  |  |
| o-Xylene                            | 4.79 | 0.0250 | 5.00 |  | 95.8 | 70-130 |  |  |  |
| p,m-Xylene                          | 9.76 | 0.0500 | 10.0 |  | 97.6 | 70-130 |  |  |  |
| Total Xylenes                       | 14.5 | 0.0250 | 15.0 |  | 97.0 | 70-130 |  |  |  |
| Surrogate: 4-Bromochlorobenzene-PID | 8.76 |        | 8.00 |  | 110  | 70-130 |  |  |  |

LCS Dup (2515023-BSD1)

Prepared: 04/07/25 Analyzed: 04/07/25

|                                     |      |        |      |  |      |        |       |    |  |
|-------------------------------------|------|--------|------|--|------|--------|-------|----|--|
| Benzene                             | 5.00 | 0.0250 | 5.00 |  | 99.9 | 70-130 | 0.538 | 20 |  |
| Ethylbenzene                        | 4.84 | 0.0250 | 5.00 |  | 96.8 | 70-130 | 0.632 | 20 |  |
| Toluene                             | 4.99 | 0.0250 | 5.00 |  | 99.7 | 70-130 | 0.641 | 20 |  |
| o-Xylene                            | 4.82 | 0.0250 | 5.00 |  | 96.5 | 70-130 | 0.687 | 20 |  |
| p,m-Xylene                          | 9.83 | 0.0500 | 10.0 |  | 98.3 | 70-130 | 0.743 | 20 |  |
| Total Xylenes                       | 14.7 | 0.0250 | 15.0 |  | 97.7 | 70-130 | 0.725 | 20 |  |
| Surrogate: 4-Bromochlorobenzene-PID | 8.83 |        | 8.00 |  | 110  | 70-130 |       |    |  |



## QC Summary Data

|                                      |                  |                  |  |
|--------------------------------------|------------------|------------------|--|
| Pima Environmental Services-Carlsbad | Project Name:    | Marwari 28 CTB 1 | <b>Reported:</b><br>4/8/2025 4:38:06PM |
| PO Box 247                           | Project Number:  | 01058-0007       |  |
| Plains TX, 79355-0247                | Project Manager: | Lynsey Coons     |  |

## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

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

## Blank (2515021-BLK1)

Prepared: 04/07/25 Analyzed: 04/07/25

|                                  |       |      |       |  |      |        |  |  |  |
|----------------------------------|-------|------|-------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | ND    | 20.0 |       |  |      |        |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.501 |      | 0.500 |  | 100  | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.484 |      | 0.500 |  | 96.7 | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.509 |      | 0.500 |  | 102  | 70-130 |  |  |  |

## LCS (2515021-BS2)

Prepared: 04/07/25 Analyzed: 04/07/25

|                                  |       |      |       |  |      |        |  |  |  |
|----------------------------------|-------|------|-------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 43.6  | 20.0 | 50.0  |  | 87.3 | 70-130 |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.507 |      | 0.500 |  | 101  | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.507 |      | 0.500 |  | 101  | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.520 |      | 0.500 |  | 104  | 70-130 |  |  |  |

## LCS Dup (2515021-BSD2)

Prepared: 04/07/25 Analyzed: 04/07/25

|                                  |       |      |       |  |      |        |      |    |  |
|----------------------------------|-------|------|-------|--|------|--------|------|----|--|
| Gasoline Range Organics (C6-C10) | 44.5  | 20.0 | 50.0  |  | 89.1 | 70-130 | 2.04 | 20 |  |
| Surrogate: Bromofluorobenzene    | 0.498 |      | 0.500 |  | 99.6 | 70-130 |      |    |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.494 |      | 0.500 |  | 98.8 | 70-130 |      |    |  |
| Surrogate: Toluene-d8            | 0.516 |      | 0.500 |  | 103  | 70-130 |      |    |  |



QC Summary Data

|                                      |                  |                  |                                     |
|--------------------------------------|------------------|------------------|-------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Marwari 28 CTB 1 | Reported:<br><br>4/8/2025 4:38:06PM |
| PO Box 247                           | Project Number:  | 01058-0007       |                                     |
| Plains TX, 79355-0247                | Project Manager: | Lynsey Coons     |                                     |

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

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

Blank (2515023-BLK1) Prepared: 04/07/25 Analyzed: 04/07/25

|   |      |      |      |  |      |        |  |  |  |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10)        | ND   | 20.0 |      |  |      |        |  |  |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.44 |      | 8.00 |  | 93.0 | 70-130 |  |  |  |

LCS (2515023-BS2) Prepared: 04/07/25 Analyzed: 04/07/25

|   |      |      |      |  |      |        |  |  |  |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10)        | 39.8 | 20.0 | 50.0 |  | 79.7 | 70-130 |  |  |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.57 |      | 8.00 |  | 94.7 | 70-130 |  |  |  |

LCS Dup (2515023-BSD2) Prepared: 04/07/25 Analyzed: 04/07/25

|   |      |      |      |  |      |        |      |    |  |
|---|------|------|------|--|------|--------|------|----|--|
| Gasoline Range Organics (C6-C10)        | 41.6 | 20.0 | 50.0 |  | 83.2 | 70-130 | 4.37 | 20 |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.48 |      | 8.00 |  | 93.5 | 70-130 |      |    |  |





QC Summary Data

|                                      |                  |                  |                                     |
|--------------------------------------|------------------|------------------|-------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Marwari 28 CTB 1 | Reported:<br><br>4/8/2025 4:38:06PM |
| PO Box 247                           | Project Number:  | 01058-0007       |                                     |
| Plains TX, 79355-0247                | Project Manager: | Lynsey Coons     |                                     |

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

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

|                                 |      |      |      |  |                                       |        |  |  |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| Blank (2515026-BLK1)            |      |      |      |  | Prepared: 04/08/25 Analyzed: 04/08/25 |        |  |  |  |
| Diesel Range Organics (C10-C28) | ND   | 25.0 |      |  |                                       |        |  |  |  |
| Oil Range Organics (C28-C36)    | ND   | 50.0 |      |  |                                       |        |  |  |  |
| Surrogate: n-Nonane             | 54.6 |      | 50.0 |  | 109                                   | 61-141 |  |  |  |

|                                 |      |      |      |  |                                       |        |  |  |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| LCS (2515026-BS1)               |      |      |      |  | Prepared: 04/08/25 Analyzed: 04/08/25 |        |  |  |  |
| Diesel Range Organics (C10-C28) | 270  | 25.0 | 250  |  | 108                                   | 66-144 |  |  |  |
| Surrogate: n-Nonane             | 55.3 |      | 50.0 |  | 111                                   | 61-141 |  |  |  |

|                                 |      |      |      |  |                                       |        |      |    |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|------|----|--|
| LCS Dup (2515026-BSD1)          |      |      |      |  | Prepared: 04/08/25 Analyzed: 04/08/25 |        |      |    |  |
| Diesel Range Organics (C10-C28) | 259  | 25.0 | 250  |  | 103                                   | 66-144 | 4.36 | 20 |  |
| Surrogate: n-Nonane             | 53.0 |      | 50.0 |  | 106                                   | 61-141 |      |    |  |



QC Summary Data

|                                      |                  |                  |                                     |
|--------------------------------------|------------------|------------------|-------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Marwari 28 CTB 1 | Reported:<br><br>4/8/2025 4:38:06PM |
| PO Box 247                           | Project Number:  | 01058-0007       |                                     |
| Plains TX, 79355-0247                | Project Manager: | Lynsey Coons     |                                     |

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

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

|                                 |      |      |      |  |                                       |        |  |  |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| Blank (2515027-BLK1)            |      |      |      |  | Prepared: 04/08/25 Analyzed: 04/08/25 |        |  |  |  |
| Diesel Range Organics (C10-C28) | ND   | 25.0 |      |  |                                       |        |  |  |  |
| Oil Range Organics (C28-C36)    | ND   | 50.0 |      |  |                                       |        |  |  |  |
| Surrogate: n-Nonane             | 48.1 |      | 50.0 |  | 96.3                                  | 61-141 |  |  |  |

|                                 |      |      |      |  |                                       |        |  |  |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| LCS (2515027-BS1)               |      |      |      |  | Prepared: 04/08/25 Analyzed: 04/08/25 |        |  |  |  |
| Diesel Range Organics (C10-C28) | 240  | 25.0 | 250  |  | 95.9                                  | 66-144 |  |  |  |
| Surrogate: n-Nonane             | 47.8 |      | 50.0 |  | 95.5                                  | 61-141 |  |  |  |

|                                 |      |      |      |  |                                       |        |       |    |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|-------|----|--|
| LCS Dup (2515027-BSD1)          |      |      |      |  | Prepared: 04/08/25 Analyzed: 04/08/25 |        |       |    |  |
| Diesel Range Organics (C10-C28) | 240  | 25.0 | 250  |  | 96.2                                  | 66-144 | 0.300 | 20 |  |
| Surrogate: n-Nonane             | 47.8 |      | 50.0 |  | 95.5                                  | 61-141 |       |    |  |



QC Summary Data

|                                      |                  |                  |                                     |
|--------------------------------------|------------------|------------------|-------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Marwari 28 CTB 1 | Reported:<br><br>4/8/2025 4:38:06PM |
| PO Box 247                           | Project Number:  | 01058-0007       |                                     |
| Plains TX, 79355-0247                | Project Manager: | Lynsey Coons     |                                     |

Anions by EPA 300.0/9056A

Analyst: DT

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

|                                 |     |      |     |    |                                       |        |                                       |    |    |
|---------------------------------|-----|------|-----|----|---------------------------------------|--------|---------------------------------------|----|----|
| Blank (2515025-BLK1)            |     |      |     |    | Prepared: 04/08/25 Analyzed: 04/08/25 |        |                                       |    |    |
| Chloride                        | ND  | 20.0 |     |    |                                       |        |                                       |    |    |
| LCS (2515025-BS1)               |     |      |     |    | Prepared: 04/08/25 Analyzed: 04/08/25 |        |                                       |    |    |
| Chloride                        | 261 | 20.0 | 250 |    | 105                                   | 90-110 |                                       |    |    |
| Matrix Spike (2515025-MS1)      |     |      |     |    | Source: E504051-09                    |        | Prepared: 04/08/25 Analyzed: 04/08/25 |    |    |
| Chloride                        | 60  | 40.0 | 250 | 46 | 38                                    | 80-120 |                                       |    | M5 |
| Matrix Spike Dup (2515025-MSD1) |     |      |     |    | Source: E504051-09                    |        | Prepared: 04/08/25 Analyzed: 04/08/25 |    |    |
| Chloride                        | 45  | 40.0 | 250 | 46 | 15                                    | 80-120 | 11.6                                  | 20 | M5 |



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: | Lynsey Coons     | 04/08/25 16:38 |

- M5      The analysis of the MS sample required a dilution such that the spike recovery calculation does not provide useful information. The accociated 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

| 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 504051                 | 01058-0001      | X               |              |             |                | X   |                |               |                  |      |     |      |  |
| Project Manager: Lynsey Coons   |              |        |                   | City, State, Zip:                 |              |                          |                 |                 |              |             |                |   |                |               |                  |      |     |      |  |
| Address: 5614 N Lovington Hwy   |              |        |                   | Phone:                            |              |                          |                 |                 |              |             |                |   |                |               |                  |      |     |      |  |
| City, State, Zip: Hobbs, NM 88240   |              |        |                   | Email:                            |              |                          |                 |                 |              |             |                |   |                |               |                  |      |     |      |  |
| Phone: (575)318-7532  |              |        |                   | Miscellaneous: Project No. #139-2 |              |                          |                 |                 |              |             |                |   |                |               |                  |      |     |      |  |
| Email: lynsey@pimaoil.com   |              |        |                   |                                   |              |                          |                 |                 |              |             |                |   |                |               |                  |      |     |      |  |
| Sample Information  |              |        |                   |                                   |              | Analysis and Method      |                 |                 |              |             |                |   |                | EPA Program   |                  |      |     |      |  |
| Time Sampled  | Date Sampled | Matrix | No. of Containers | Sample ID                         | Field Filter | Lab Number               | DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | NOC by 8260 | Chloride 300.0 | BGDOC - NM  | TCED 1005 - TX | RCRA 8 Metals | Carbon/Anion Pkg | SDWA | CWA | RCRA |  |
| 9:38  | 4/4/2025     | S      |                   | CS21- 6" COMP.                    |              | 1                        |                 |                 |              |             |                | X   |                |               |                  |      |     |      |  |
| 9:47  | 4/4/2025     | S      |                   | CS22- 6" COMP.                    |              | 2                        |                 |                 |              |             |                | X   |                |               |                  |      |     |      |  |
| 9:50  | 4/4/2025     | S      |                   | CS23- 6" COMP.                    |              | 3                        |                 |                 |              |             |                | X   |                |               |                  |      |     |      |  |
| 9:53  | 4/4/2025     | S      |                   | CS24- 6" COMP.                    |              | 4                        |                 |                 |              |             |                | X   |                |               |                  |      |     |      |  |
| 9:59  | 4/4/2025     | S      |                   | CS25- 6" COMP.                    |              | 5                        |                 |                 |              |             |                | X   |                |               |                  |      |     |      |  |
| 10:03   | 4/4/2025     | S      |                   | CS26- 6" COMP.                    |              | 6                        |                 |                 |              |             |                | X   |                |               |                  |      |     |      |  |
| 10:09   | 4/4/2025     | S      |                   | CS27- 6" COMP.                    |              | 7                        |                 |                 |              |             |                | X   |                |               |                  |      |     |      |  |
| 10:14   | 4/4/2025     | S      |                   | CS28- 6" COMP.                    |              | 8                        |                 |                 |              |             |                | X   |                |               |                  |      |     |      |  |
| 10:18   | 4/4/25       | S      |                   | CS29- 6" COMP.                    |              | 9                        |                 |                 |              |             |                | X   |                |               |                  |      |     |      |  |
| 10:22   | 4/4/25       | S      |                   | CS30- 6" COMP.                    |              | 10                       |                 |                 |              |             |                | X   |                |               |                  |      |     |      |  |
| Additional Instructions: W/O # 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.<br><br>Lab Use Only<br>Received on ice: <input checked="" type="radio"/> Y / <input type="radio"/> N<br><br>T1 _____ T2 _____ T3 _____<br><br>AVG Temp oC 4 |                |               |                  |      |     |      |  |
| Andrew Franco   |              | 4/4/25 |                   | 2:00                              |              | Karime Plante            |                 | 4/7/25          |              | 8:03        |                |   |                |               |                  |      |     |      |  |
| Karime Plante   |              | 4/7/25 |                   | 12:00                             |              | Carrington Parker        |                 | 4-7-25          |              | H00         |                |   |                |               |                  |      |     |      |  |
| Carrington Parker   |              | 4-7-25 |                   | 1830                              |              | Andrew J.                |                 | 4-7-25          |              | 1730        |                |   |                |               |                  |      |     |      |  |
| Andrew J.   |              | 4-7-25 |                   | 2600                              |              | Nathan R. Heller         |                 | 4-8-25          |              | 0430        |                |   |                |               |                  |      |     |      |  |
| 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. |              |        |                   |                                   |              |                          |                 |                 |              |             |                |   |                |               |                  |      |     |      |  |



## Chain of Custody

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| 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:                          |              | E504051                  |                 | 01058-0007          |              | X           |                |  |                | X             |                  |      |     |      |
| Project Manager: Lynsey Coons   |              |        |                   | City, State, Zip:                 |              |                          |                 |                     |              |             |                |  |                |               |                  |      |     |      |
| Address: 5614 N Lovington Hwy   |              |        |                   | Phone:                            |              |                          |                 |                     |              |             |                |  |                |               |                  |      |     |      |
| City, State, Zip: Hobbs, NM 88240   |              |        |                   | Email:                            |              |                          |                 |                     |              |             |                |  |                |               |                  |      |     |      |
| Phone: (575)318-7532  |              |        |                   | Miscellaneous: Project No. #139-2 |              |                          |                 |                     |              |             |                |  |                |               |                  |      |     |      |
| Email: Lynsey@pimaoil.com   |              |        |                   |                                   |              |                          |                 |                     |              |             |                |  |                |               |                  |      |     |      |
| Sample Information  |              |        |                   |                                   |              |                          |                 | Analysis and Method |              |             |                |  |                | EPA Program   |                  |      |     |      |
| Time Sampled  | Date Sampled | Matrix | No. of Containers | Sample ID                         | Field 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 |
| 9:38  | 4/4/2025     | S      |                   | CS31- 6" COMP.                    |              | 11                       |                 |                     |              |             |                | X  |                |               |                  |      |     |      |
| 9:47  | 4/4/2025     | S      |                   | CSW1- SURFACE-6" COMP.            |              | 12                       |                 |                     |              |             |                | X  |                |               |                  |      |     |      |
| 9:50  | 4/4/2025     | S      |                   | CSW2- SURFACE-6" COMP.            |              | 13                       |                 |                     |              |             |                | X  |                |               |                  |      |     |      |
| 9:53  | 4/4/2025     | S      |                   | CSW3- SURFACE-6" COMP.            |              | 14                       |                 |                     |              |             |                | X  |                |               |                  |      |     |      |
| 9:59  | 4/4/2025     | S      |                   | CSW4- SURFACE-6" COMP.            |              | 15                       |                 |                     |              |             |                | X  |                |               |                  |      |     |      |
| 10:03   | 4/4/2025     | S      |                   | CSW5- SURFACE-6" COMP.            |              | 16                       |                 |                     |              |             |                | X  |                |               |                  |      |     |      |
| 10:09   | 4/4/2025     | S      |                   | CSW6- SURFACE-6" COMP.            |              | 17                       |                 |                     |              |             |                | X  |                |               |                  |      |     |      |
| 10:14   | 4/4/2025     | S      |                   | CSW7- SURFACE-6" COMP.            |              | 18                       |                 |                     |              |             |                | X  |                |               |                  |      |     |      |
| 10:18   | 4/4/25       | S      |                   | CSW8- SURFACE-6" COMP.            |              | 19                       |                 |                     |              |             |                | X  |                |               |                  |      |     |      |
| 10:22   | 4/4/25       | S      |                   | CSW9- SURFACE-6" COMP.            |              | 20                       |                 |                     |              |             |                | X  |                |               |                  |      |     |      |
| Additional Instructions: W/O # 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.<br>Lab Use Only<br>Received on ice: <u>Y</u> N<br>T1 _____ T2 _____ T3 _____<br>AVG Temp oC <u>4</u> |                |               |                  |      |     |      |
| Andrew Franco   |              | 4/4/25 |                   | 2:00                              |              | Carime Adame             |                 | 4/7/25              |              | 8:03        |                |  |                |               |                  |      |     |      |
| Relinquished by: (Signature)  |              | Date   |                   | Time                              |              | Received by: (Signature) |                 | Date                |              | Time        |                |  |                |               |                  |      |     |      |
| Carime Adame  |              | 4/7/25 |                   | 12:00                             |              | Carime Adame             |                 | 4/7/25              |              | 14:00       |                |  |                |               |                  |      |     |      |
| Relinquished by: (Signature)  |              | Date   |                   | Time                              |              | Received by: (Signature) |                 | Date                |              | Time        |                |  |                |               |                  |      |     |      |
| Andrew M.   |              | 4-7-25 |                   | 1730                              |              | Andrew M.                |                 | 4-7-25              |              | 1730        |                |  |                |               |                  |      |     |      |
| Relinquished by: (Signature)  |              | Date   |                   | Time                              |              | Received by: (Signature) |                 | Date                |              | Time        |                |  |                |               |                  |      |     |      |
| Andrew M.   |              | 4-7-25 |                   | 2400                              |              | Keeley D. Hall           |                 | 4-8-25              |              | 0430        |                |  |                |               |                  |      |     |      |
| 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. |              |        |                   |                                   |              |                          |                 |                     |              |             |                |  |                |               |                  |      |     |      |



## Chain of Custody

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| Client Information  |              |        |                   | Invoice Information               |              | Lab Use Only             |                 | TAT             |              |             |                | State  |                |               |                  |      |     |      |  |
|---|--------------|--------|-------------------|-----------------------------------|--------------|--------------------------|-----------------|-----------------|--------------|-------------|----------------|--|----------------|---------------|------------------|------|-----|------|--|
| Client: Pima Environmental Services, LLC  |              |        |                   | Company: Devon                    |              | Lab WO#                  |                 | Job Number      |              |             |                | 1D   | 2D             | 3D            | Std              |      |     |      |  |
| Project Name: Marwari 28 CTB 1  |              |        |                   | Address:                          |              | E504051                  |                 | 010580007       |              |             |                | X  |                |               |                  |      |     |      |  |
| Project Manager: Lynsey Coons   |              |        |                   | City, State, Zip:                 |              |                          |                 |                 |              |             |                |  |                |               |                  |      |     |      |  |
| Address: 5614 N Lovington Hwy   |              |        |                   | Phone:                            |              |                          |                 |                 |              |             |                |  |                |               |                  |      |     |      |  |
| City, State, Zip: Hobbs, NM 88240   |              |        |                   | Email:                            |              |                          |                 |                 |              |             |                |  |                |               |                  |      |     |      |  |
| Phone: (575)318-7532  |              |        |                   | Miscellaneous: Project No. #139-2 |              |                          |                 |                 |              |             |                |  |                |               |                  |      |     |      |  |
| Email: Lynsey@pimaoil.com   |              |        |                   |                                   |              |                          |                 |                 |              |             |                |  |                |               |                  |      |     |      |  |
| Sample Information  |              |        |                   |                                   |              | Analysis and Method      |                 |                 |              |             |                |  |                | EPA Program   |                  |      |     |      |  |
| Time Sampled  | Date Sampled | Matrix | No. of Containers | Sample ID                         | Field 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 | Carbon/Anion Pkg | SDWA | CWA | RCRA |  |
| 10:30   | 4/4/2025     | S      |                   | CSW10- SURFACE-6" COMP.           |              | 21                       |                 |                 |              |             |                | X  |                |               |                  |      |     |      |  |
| 10:37   | 4/4/2025     | S      |                   | CSW11- SURFACE-6" COMP.           |              | 22                       |                 |                 |              |             |                | X  |                |               |                  |      |     |      |  |
| 10:42   | 4/4/2025     | S      |                   | CSW12- SURFACE-6" COMP.           |              | 23                       |                 |                 |              |             |                | X  |                |               |                  |      |     |      |  |
| 10:48   | 4/4/2025     | S      |                   | CSW13- SURFACE-6" COMP.           |              | 24                       |                 |                 |              |             |                | X  |                |               |                  |      |     |      |  |
| 10:53   | 4/4/2025     | S      |                   | CSW14- SURFACE-6" COMP.           |              | 25                       |                 |                 |              |             |                | X  |                |               |                  |      |     |      |  |
| 11:00   | 4/4/2025     | S      |                   | CSW15- SURFACE-6" COMP.           |              | 26                       |                 |                 |              |             |                | X  |                |               |                  |      |     |      |  |
| 11:13   | 4/4/2025     | S      |                   | CSW16- SURFACE-6" COMP.           |              | 27                       |                 |                 |              |             |                | X  |                |               |                  |      |     |      |  |
|   |              |        |                   |                                   |              |                          |                 |                 |              |             |                |  |                |               |                  |      |     |      |  |
|   |              |        |                   |                                   |              |                          |                 |                 |              |             |                |  |                |               |                  |      |     |      |  |
|   |              |        |                   |                                   |              |                          |                 |                 |              |             |                |  |                |               |                  |      |     |      |  |
| Additional Instructions: W/O # 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.<br><br>Lab Use Only<br>Received on ice: <u>Y</u> / N<br><br>T1 _____ T2 _____ T3 _____<br><br>AVG Temp oC <u>4</u> |                |               |                  |      |     |      |  |
| Andrew Franco   |              | 4/4/25 |                   | 2:00                              |              | Karime Adams             |                 | 4/7/25          |              | 8:03        |                |  |                |               |                  |      |     |      |  |
| Karime Adams  |              | 4/7/25 |                   | 12:00                             |              | Catherine Barker         |                 | 4/7/25          |              | 4:00        |                |  |                |               |                  |      |     |      |  |
| Catherine Barker  |              | 4/7/25 |                   | 1830                              |              | John H.                  |                 | 4/7/25          |              | 1730        |                |  |                |               |                  |      |     |      |  |
| Relinquished by: (Signature)  |              | Date   |                   | Time                              |              | Received by: (Signature) |                 | Date            |              | Time        |                | Container Type: <u>g</u> - glass, <u>p</u> - poly/plastic, <u>ag</u> - amber glass, <u>v</u> - VOA   |                |               |                  |      |     |      |  |
| John H.   |              | 4-7-25 |                   | 2400                              |              | Kathryn K Hall           |                 | 4-8-25          |              | 0430        |                |  |                |               |                  |      |     |      |  |
| Sample Matrix: S - Soil, <u>Sd</u> - Solid, <u>Sg</u> - Sludge, A - Aqueous, O - Other<br>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: 4/8/2025 8:49:58AM

## 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:  | 04/08/25 04:30             | Work Order ID: | E504051      |
| Phone:  | (575) 631-6977                       | Date Logged In: | 04/07/25 14:44             | Logged In By:  | Caitlin Mars |
| Email:  | lynsey@pimaoil.com                   | Due Date:       | 04/08/25 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

Project Marwari 28 CTB 1 has been separated into 2 reports due to sample volume. WO are E504050 & E504051. 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? Yes

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

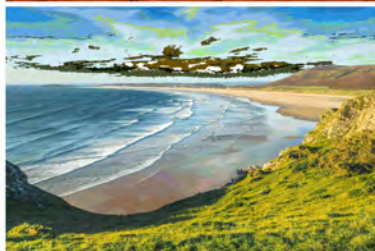
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:  
Lynsey Coons



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Marwari 28 CTB 1

Work Order: E504049

Job Number: 01058-0007

Received: 4/8/2025

Revision: 2

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
4/8/25

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: 4/8/25

Lynsey Coons  
PO Box 247  
Plains, TX 79355-0247



Project Name: Marwari 28 CTB 1  
Workorder: E504049  
Date Received: 4/8/2025 4:30:00AM

Lynsey Coons,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/8/2025 4:30:00AM, 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 | Reported:<br><br>04/08/25 16:53 |
| PO Box 247                           | Project Number:  | 01058-0007       |                                 |
| Plains TX, 79355-0247                | Project Manager: | Lynsey Coons     |                                 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled  | Received | Container        |
|------------------|---------------|--------|----------|----------|------------------|
| BACKFILL 1-1'    | E504049-01A   | Soil   | 04/04/25 | 04/08/25 | Glass Jar, 2 oz. |
| BACKFILL 2-1'    | E504049-02A   | Soil   | 04/04/25 | 04/08/25 | Glass Jar, 2 oz. |
| BACKFILL 3-1'    | E504049-03A   | Soil   | 04/04/25 | 04/08/25 | Glass Jar, 2 oz. |
| BACKFILL 4-1'    | E504049-04A   | Soil   | 04/04/25 | 04/08/25 | 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: Lynsey Coons

**Reported:**  
4/8/2025 4:53:41PM

### BACKFILL 1-1'

**E504049-01**

| Analyte   | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2515021 |       |
| Benzene   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| Ethylbenzene  | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| Toluene   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| o-Xylene  | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| p,m-Xylene  | ND     | 0.0500          | 1           | 04/08/25 | 04/08/25       |       |
| Total Xylenes   | ND     | 0.0250          | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: Bromofluorobenzene</i>                  |        | 101 %           | 70-130      | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: 1,2-Dichloroethane-d4</i>               |        | 100 %           | 70-130      | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: Toluene-d8</i>                          |        | 106 %           | 70-130      | 04/08/25 | 04/08/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: SL |          | Batch: 2515021 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: Bromofluorobenzene</i>                  |        | 101 %           | 70-130      | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: 1,2-Dichloroethane-d4</i>               |        | 100 %           | 70-130      | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: Toluene-d8</i>                          |        | 106 %           | 70-130      | 04/08/25 | 04/08/25       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: HM |          | Batch: 2515027 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 04/08/25 | 04/08/25       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 04/08/25 | 04/08/25       |       |
| <i>Surrogate: n-Nonane</i>                            |        | 101 %           | 61-141      | 04/08/25 | 04/08/25       |       |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: JM |          | Batch: 2515029 |       |
| Chloride  | ND     | 20.0            | 1           | 04/08/25 | 04/08/25       |       |



## 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: Lynsey Coons

**Reported:**  
4/8/2025 4:53:41PM

## BACKFILL 2-1'

E504049-02

| Analyte   | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|---|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2515021 |
| Benzene   | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| Toluene   | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 04/08/25    | 04/08/25 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| Surrogate: Bromofluorobenzene                         | 99.8 % | 70-130          |          | 04/08/25    | 04/08/25 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 99.0 % | 70-130          |          | 04/08/25    | 04/08/25 |                |
| Surrogate: Toluene-d8                                 | 105 %  | 70-130          |          | 04/08/25    | 04/08/25 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2515021 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 04/08/25    | 04/08/25 |                |
| Surrogate: Bromofluorobenzene                         | 99.8 % | 70-130          |          | 04/08/25    | 04/08/25 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 99.0 % | 70-130          |          | 04/08/25    | 04/08/25 |                |
| Surrogate: Toluene-d8                                 | 105 %  | 70-130          |          | 04/08/25    | 04/08/25 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: HM |          | Batch: 2515027 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 04/08/25    | 04/08/25 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 04/08/25    | 04/08/25 |                |
| Surrogate: n-Nonane                                   | 97.7 % | 61-141          |          | 04/08/25    | 04/08/25 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: JM |          | Batch: 2515029 |
| Chloride  | ND     | 20.0            | 1        | 04/08/25    | 04/08/25 |                |



## 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: Lynsey Coons

**Reported:**  
4/8/2025 4:53:41PM

## BACKFILL 3-1'

E504049-03

| Analyte   | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|---|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2515021 |
| Benzene   | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| Toluene   | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 04/08/25    | 04/08/25 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| Surrogate: Bromofluorobenzene                         |        | 101 %           | 70-130   | 04/08/25    | 04/08/25 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 102 %           | 70-130   | 04/08/25    | 04/08/25 |                |
| Surrogate: Toluene-d8                                 |        | 104 %           | 70-130   | 04/08/25    | 04/08/25 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2515021 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 04/08/25    | 04/08/25 |                |
| Surrogate: Bromofluorobenzene                         |        | 101 %           | 70-130   | 04/08/25    | 04/08/25 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 102 %           | 70-130   | 04/08/25    | 04/08/25 |                |
| Surrogate: Toluene-d8                                 |        | 104 %           | 70-130   | 04/08/25    | 04/08/25 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: HM |          | Batch: 2515027 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 04/08/25    | 04/08/25 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 04/08/25    | 04/08/25 |                |
| Surrogate: n-Nonane                                   |        | 106 %           | 61-141   | 04/08/25    | 04/08/25 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: JM |          | Batch: 2515029 |
| Chloride  | ND     | 20.0            | 1        | 04/08/25    | 04/08/25 |                |





## 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: Lynsey Coons

**Reported:**  
4/8/2025 4:53:41PM

## BACKFILL 4-1'

## E504049-04

| Analyte   | Result | Reporting Limit | Dilution | Prepared    | Analyzed | Notes          |
|---|--------|-----------------|----------|-------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2515021 |
| Benzene   | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| Toluene   | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 04/08/25    | 04/08/25 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 04/08/25    | 04/08/25 |                |
| Surrogate: Bromofluorobenzene                         |        | 100 %           | 70-130   | 04/08/25    | 04/08/25 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 99.8 %          | 70-130   | 04/08/25    | 04/08/25 |                |
| Surrogate: Toluene-d8                                 |        | 106 %           | 70-130   | 04/08/25    | 04/08/25 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: SL |          | Batch: 2515021 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 04/08/25    | 04/08/25 |                |
| Surrogate: Bromofluorobenzene                         |        | 100 %           | 70-130   | 04/08/25    | 04/08/25 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 99.8 %          | 70-130   | 04/08/25    | 04/08/25 |                |
| Surrogate: Toluene-d8                                 |        | 106 %           | 70-130   | 04/08/25    | 04/08/25 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: HM |          | Batch: 2515027 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 04/08/25    | 04/08/25 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 04/08/25    | 04/08/25 |                |
| Surrogate: n-Nonane                                   |        | 105 %           | 61-141   | 04/08/25    | 04/08/25 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |             |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: JM |          | Batch: 2515029 |
| Chloride  | ND     | 20.0            | 1        | 04/08/25    | 04/08/25 |                |



## QC Summary Data

|                                      |                  |                  |  |
|--------------------------------------|------------------|------------------|--|
| Pima Environmental Services-Carlsbad | Project Name:    | Marwari 28 CTB 1 | <b>Reported:</b><br>4/8/2025 4:53:41PM |
| PO Box 247                           | Project Number:  | 01058-0007       |  |
| Plains TX, 79355-0247                | Project Manager: | Lynsey Coons     |  |

## Volatile Organic Compounds by EPA 8260B

Analyst: SL

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

## Blank (2515021-BLK1)

Prepared: 04/07/25 Analyzed: 04/07/25

|                                  |       |        |       |  |      |        |  |  |  |
|----------------------------------|-------|--------|-------|--|------|--------|--|--|--|
| 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: Bromofluorobenzene    | 0.501 |        | 0.500 |  | 100  | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.484 |        | 0.500 |  | 96.7 | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.509 |        | 0.500 |  | 102  | 70-130 |  |  |  |

## LCS (2515021-BS1)

Prepared: 04/07/25 Analyzed: 04/07/25

|                                  |       |        |       |  |      |        |  |  |  |
|----------------------------------|-------|--------|-------|--|------|--------|--|--|--|
| Benzene                          | 2.21  | 0.0250 | 2.50  |  | 88.2 | 70-130 |  |  |  |
| Ethylbenzene                     | 2.29  | 0.0250 | 2.50  |  | 91.6 | 70-130 |  |  |  |
| Toluene                          | 2.35  | 0.0250 | 2.50  |  | 94.0 | 70-130 |  |  |  |
| o-Xylene                         | 2.40  | 0.0250 | 2.50  |  | 96.2 | 70-130 |  |  |  |
| p,m-Xylene                       | 4.98  | 0.0500 | 5.00  |  | 99.6 | 70-130 |  |  |  |
| Total Xylenes                    | 7.38  | 0.0250 | 7.50  |  | 98.4 | 70-130 |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.515 |        | 0.500 |  | 103  | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.512 |        | 0.500 |  | 102  | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.506 |        | 0.500 |  | 101  | 70-130 |  |  |  |

## LCS Dup (2515021-BSD1)

Prepared: 04/07/25 Analyzed: 04/07/25

|                                  |       |        |       |  |      |        |      |    |  |
|----------------------------------|-------|--------|-------|--|------|--------|------|----|--|
| Benzene                          | 2.26  | 0.0250 | 2.50  |  | 90.3 | 70-130 | 2.35 | 23 |  |
| Ethylbenzene                     | 2.37  | 0.0250 | 2.50  |  | 94.8 | 70-130 | 3.37 | 27 |  |
| Toluene                          | 2.43  | 0.0250 | 2.50  |  | 97.0 | 70-130 | 3.18 | 24 |  |
| o-Xylene                         | 2.45  | 0.0250 | 2.50  |  | 98.0 | 70-130 | 1.90 | 27 |  |
| p,m-Xylene                       | 5.07  | 0.0500 | 5.00  |  | 101  | 70-130 | 1.78 | 27 |  |
| Total Xylenes                    | 7.52  | 0.0250 | 7.50  |  | 100  | 70-130 | 1.82 | 27 |  |
| Surrogate: Bromofluorobenzene    | 0.516 |        | 0.500 |  | 103  | 70-130 |      |    |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.528 |        | 0.500 |  | 106  | 70-130 |      |    |  |
| Surrogate: Toluene-d8            | 0.508 |        | 0.500 |  | 102  | 70-130 |      |    |  |



## QC Summary Data

|                                      |                  |                  |  |
|--------------------------------------|------------------|------------------|--|
| Pima Environmental Services-Carlsbad | Project Name:    | Marwari 28 CTB 1 | <b>Reported:</b><br>4/8/2025 4:53:41PM |
| PO Box 247                           | Project Number:  | 01058-0007       |  |
| Plains TX, 79355-0247                | Project Manager: | Lynsey Coons     |  |

## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

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

## Blank (2515021-BLK1)

Prepared: 04/07/25 Analyzed: 04/07/25

|                                  |       |      |       |  |      |        |  |  |  |
|----------------------------------|-------|------|-------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | ND    | 20.0 |       |  |      |        |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.501 |      | 0.500 |  | 100  | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.484 |      | 0.500 |  | 96.7 | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.509 |      | 0.500 |  | 102  | 70-130 |  |  |  |

## LCS (2515021-BS2)

Prepared: 04/07/25 Analyzed: 04/07/25

|                                  |       |      |       |  |      |        |  |  |  |
|----------------------------------|-------|------|-------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 43.6  | 20.0 | 50.0  |  | 87.3 | 70-130 |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.507 |      | 0.500 |  | 101  | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.507 |      | 0.500 |  | 101  | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.520 |      | 0.500 |  | 104  | 70-130 |  |  |  |

## LCS Dup (2515021-BSD2)

Prepared: 04/07/25 Analyzed: 04/07/25

|                                  |       |      |       |  |      |        |      |    |  |
|----------------------------------|-------|------|-------|--|------|--------|------|----|--|
| Gasoline Range Organics (C6-C10) | 44.5  | 20.0 | 50.0  |  | 89.1 | 70-130 | 2.04 | 20 |  |
| Surrogate: Bromofluorobenzene    | 0.498 |      | 0.500 |  | 99.6 | 70-130 |      |    |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.494 |      | 0.500 |  | 98.8 | 70-130 |      |    |  |
| Surrogate: Toluene-d8            | 0.516 |      | 0.500 |  | 103  | 70-130 |      |    |  |



QC Summary Data

|                                      |                  |                  |                                     |
|--------------------------------------|------------------|------------------|-------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name:    | Marwari 28 CTB 1 | Reported:<br><br>4/8/2025 4:53:41PM |
| PO Box 247                           | Project Number:  | 01058-0007       |                                     |
| Plains TX, 79355-0247                | Project Manager: | Lynsey Coons     |                                     |

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

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

|                                 |      |      |      |  |                                       |        |  |  |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| Blank (2515027-BLK1)            |      |      |      |  | Prepared: 04/08/25 Analyzed: 04/08/25 |        |  |  |  |
| Diesel Range Organics (C10-C28) | ND   | 25.0 |      |  |                                       |        |  |  |  |
| Oil Range Organics (C28-C36)    | ND   | 50.0 |      |  |                                       |        |  |  |  |
| Surrogate: n-Nonane             | 48.1 |      | 50.0 |  | 96.3                                  | 61-141 |  |  |  |

|                                 |      |      |      |  |                                       |        |  |  |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| LCS (2515027-BS1)               |      |      |      |  | Prepared: 04/08/25 Analyzed: 04/08/25 |        |  |  |  |
| Diesel Range Organics (C10-C28) | 240  | 25.0 | 250  |  | 95.9                                  | 66-144 |  |  |  |
| Surrogate: n-Nonane             | 47.8 |      | 50.0 |  | 95.5                                  | 61-141 |  |  |  |

|                                 |      |      |      |  |                                       |        |       |    |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|-------|----|--|
| LCS Dup (2515027-BSD1)          |      |      |      |  | Prepared: 04/08/25 Analyzed: 04/08/25 |        |       |    |  |
| Diesel Range Organics (C10-C28) | 240  | 25.0 | 250  |  | 96.2                                  | 66-144 | 0.300 | 20 |  |
| Surrogate: n-Nonane             | 47.8 |      | 50.0 |  | 95.5                                  | 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: | Lynsey Coons     | 4/8/2025 4:53:41PM |

Anions by EPA 300.0/9056A

Analyst: JM

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

|                                 |      |      |     |      |                                       |        |                                       |    |    |
|---------------------------------|------|------|-----|------|---------------------------------------|--------|---------------------------------------|----|----|
| Blank (2515029-BLK1)            |      |      |     |      | Prepared: 04/08/25 Analyzed: 04/08/25 |        |                                       |    |    |
| Chloride                        | ND   | 20.0 |     |      |                                       |        |                                       |    |    |
| LCS (2515029-BS1)               |      |      |     |      | Prepared: 04/08/25 Analyzed: 04/08/25 |        |                                       |    |    |
| Chloride                        | 255  | 20.0 | 250 |      | 102                                   | 90-110 |                                       |    |    |
| Matrix Spike (2515029-MS1)      |      |      |     |      | Source: E504051-23                    |        | Prepared: 04/08/25 Analyzed: 04/08/25 |    |    |
| Chloride                        | 5170 | 40.0 | 250 | 4070 | 442                                   | 80-120 |                                       |    | M4 |
| Matrix Spike Dup (2515029-MSD1) |      |      |     |      | Source: E504051-23                    |        | Prepared: 04/08/25 Analyzed: 04/08/25 |    |    |
| Chloride                        | 4880 | 40.0 | 250 | 4070 | 322                                   | 80-120 | 5.94                                  | 20 | M4 |

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: | Lynsey Coons     | 04/08/25 16:53 |

- M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. 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

[illegible]

## Envirotech Analytical Laboratory

Printed: 4/8/2025 8:48:06AM

## 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:  | 04/08/25 04:30             | Work Order ID: | E504049      |
| Phone:  | (575) 631-6977                       | Date Logged In: | 04/07/25 14:28             | Logged In By:  | Caitlin Mars |
| Email:  | lynsey@pimaoil.com                   | Due Date:       | 04/08/25 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 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? Yes

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

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 453671

**QUESTIONS**

|   |  |
|---|--|
| Operator:<br>DEVON ENERGY PRODUCTION COMPANY, LP<br>333 West Sheridan Ave.<br>Oklahoma City, OK 73102 | OGRID:<br>6137   |
|   | Action Number:<br>453671   |
|   | Action Type:<br>[C-141] Reclamation Report C-141 (C-141-v-Reclamation) |

**QUESTIONS**

|                      |                                     |
|----------------------|-------------------------------------|
| <b>Prerequisites</b> |                                     |
| Incident ID (n#)     | nAPP2312128151                      |
| Incident Name        | NAPP2312128151 MARWARI 28 CTB 1 @ 0 |
| Incident Type        | Produced Water Release              |
| Incident Status      | Reclamation 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 | 04/29/2023       |
| Surface Owner           | Federal          |

**Incident Details**

Please answer all the questions in this group.

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

**Nature and Volume of Release**

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

|  |  |
|--|--|
| Crude Oil Released (bbls) Details  | Not answered.  |
| Produced Water Released (bbls) Details   | Cause: Equipment Failure   Pipeline (Any)   Produced Water   Released: 7 BBL   Recovered: 3 BBL   Lost: 4 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) | Lease Operator received a call that there was produced water on the ground. There was a hole in the bottom of a 6 inch water line from the 3 phases to the gun barrel. Well was shut in to stop the leak. Fluids did not leave location. |

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

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**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 453671

**QUESTIONS (continued)**

|   |  |
|---|--|
| Operator:<br>DEVON ENERGY PRODUCTION COMPANY, LP<br>333 West Sheridan Ave.<br>Oklahoma City, OK 73102 | OGRID:<br>6137   |
|   | Action Number:<br>453671   |
|   | Action Type:<br>[C-141] Reclamation Report C-141 (C-141-v-Reclamation) |

**QUESTIONS**

| <b>Nature and Volume of Release (continued)</b>  |  |
|--|--|
| Is this a gas only submission (i.e. only significant Mcf values reported)  | <b>No, according to supplied volumes this does not appear to be a "gas only" report.</b> |
| Was this a major release as defined by Subsection A of 19.15.29.7 NMAC   | <b>No</b>  |
| Reasons why this would be considered a submission for a notification of a major release  | <i>Unavailable.</i>  |
| <i>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.</i> |  |

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

*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<br>Title: EHS Professional<br>Email: jim.raley@dvni.com<br>Date: 04/21/2025 |
|--|---|



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**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

QUESTIONS, Page 3

Action 453671

**QUESTIONS (continued)**

|   |  |
|---|--|
| Operator:<br>DEVON ENERGY PRODUCTION COMPANY, LP<br>333 West Sheridan Ave.<br>Oklahoma City, OK 73102 | OGRID:<br>6137   |
|   | Action Number:<br>453671   |
|   | Action Type:<br>[C-141] Reclamation Report C-141 (C-141-v-Reclamation) |

**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)   | 1060       |
| TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)   | 0          |
| GRO+DRO (EPA SW-846 Method 8015M)   | 77         |
| 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  | 02/20/2025 |
| On what date will (or did) the final sampling or liner inspection occur   | 04/04/2025 |
| On what date will (or was) the remediation complete(d)  | 04/04/2025 |
| What is the estimated surface area (in square feet) that will be reclaimed  | 6150       |
| What is the estimated volume (in cubic yards) that will be reclaimed  | 114        |
| What is the estimated surface area (in square feet) that will be remediated   | 6150       |
| What is the estimated volume (in cubic yards) that will be remediated   | 114        |
| <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 453671

**QUESTIONS (continued)**

|   |  |
|---|--|
| Operator:<br>DEVON ENERGY PRODUCTION COMPANY, LP<br>333 West Sheridan Ave.<br>Oklahoma City, OK 73102 | OGRID:<br>6137   |
|   | Action Number:<br>453671   |
|   | Action Type:<br>[C-141] Reclamation Report C-141 (C-141-v-Reclamation) |

**QUESTIONS**

|  |  |
|--|--|
| <b>Remediation Plan (continued)</b>  |  |
| <i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>   |  |
| <b>This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:</b>   |  |
| <i>(Select all answers below that apply.)</i>  |  |
| (Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)  | Yes  |
| Which OCD approved facility will be used for <b>off-site</b> disposal  | 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   | No   |
| <b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility   | No   |
| (Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)  | No   |
| (In Situ) Soil Vapor Extraction  | No   |
| (In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)  | No   |
| (In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)   | No   |
| (In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)   | No   |
| Ground Water Abatement pursuant to 19.15.30 NMAC   | No   |
| OTHER (Non-listed remedial process)  | No   |
| <i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>   |  |
| I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. |  |
| I hereby agree and sign off to the above statement   | Name: James Raley<br>Title: EHS Professional<br>Email: jim.raley@dmv.com<br>Date: 04/21/2025 |
| <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 453671

QUESTIONS (continued)

|   |  |
|---|--|
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|   | Action Number:<br><br>453671   |
|   | Action Type:<br><br>[C-141] Reclamation Report C-141 (C-141-v-Reclamation) |

QUESTIONS

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| 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 453671

**QUESTIONS (continued)**

|   |  |
|---|--|
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|   | Action Number:<br>453671   |
|   | Action Type:<br>[C-141] Reclamation Report C-141 (C-141-v-Reclamation) |

**QUESTIONS**

| Sampling Event Information  |            |
|---|------------|
| Last sampling notification (C-141N) recorded  | 447732     |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 04/04/2025 |
| What was the (estimated) number of samples that were to be gathered                             | 47         |
| What was the sampling surface area in square feet   | 6150       |

**Remediation Closure Request**

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

|  |                  |
|--|------------------|
| Requesting a remediation closure approval with this submission   | Yes              |
| Have the lateral and vertical extents of contamination been fully delineated   | Yes              |
| Was this release entirely contained within a lined containment area  | No               |
| All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion   | Yes              |
| What was the total surface area (in square feet) remediated  | 6150             |
| What was the total volume (cubic yards) remediated   | 114              |
| 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   | 6150             |
| What was the total volume (in cubic yards) reclaimed   | 114              |
| Summarize any additional remediation activities not included by answers (above)  | Area remediated. |

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

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

|  |  |
|--|--|
| I hereby agree and sign off to the above statement | Name: James Raley<br>Title: EHS Professional<br>Email: jim.raley@dvn.com<br>Date: 04/21/2025 |
|--|--|

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Action 453671

**QUESTIONS (continued)**

|   |  |
|---|--|
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**QUESTIONS**

|  |  |
|--|--|
| <b>Reclamation Report</b>  |  |
| <i>Only answer the questions in this group if all reclamation steps have been completed.</i>   |  |
| Requesting a reclamation approval with this submission   | Yes  |
| What was the total reclamation surface area (in square feet) for this site   | 6150   |
| What was the total volume of replacement material (in cubic yards) for this site   | 114  |
| <i>Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.</i>  |  |
| Is the soil top layer complete and is it suitable material to establish vegetation   | Yes  |
| On what (estimated) date will (or was) the reseedling commence(d)  | 01/01/2040   |
| Summarize any additional reclamation activities not included by answers (above)  | Excavation backfilled with clean soil.   |
| <i>The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseedling plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.</i>  |  |
| I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete. |  |
| I hereby agree and sign off to the above statement   | Name: James Raley<br>Title: EHS Professional<br>Email: jim.raley@dmv.com<br>Date: 04/21/2025 |



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QUESTIONS, Page 8  
  
Action 453671

QUESTIONS (continued)

|   |  |
|---|--|
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|   | Action Number:<br><br>453671   |
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QUESTIONS

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

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CONDITIONS

Action 453671

CONDITIONS

|   |  |
|---|--|
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CONDITIONS

| Created By | Condition   | Condition Date |
|------------|---|----------------|
| nvez       | 1. Remediation has met 19.15.29 NMAC requirements. Soil impacts exceeding the reclamation standards have been left in place and are required to meet 19.15.29.13D (1) NMAC once the site is no longer reasonably needed for production or subsequent drilling ops. 2. In addition, it should be noted that since the incident occurred within an area reasonably needed for production or subsequently drilling operations, the reclamation portion has not been completed per 19.15.29.13D (2) NMAC. This is temporary reprieve and may be denied for other incidents submitted after 6/24/2025. Release resolved. | 6/27/2025      |