

November 6, 2025

New Mexico Oil Conservation Division 1220 South St. Francis Drive Santa Fe, New Mexico 87505

Re: Closure Request Addendum

Marwari 28 CTB 2

Incident Number: nAPP2506428775

Lea County, New Mexico

To Whom it May Concern:

Ensolum, LLC (Ensolum), on behalf of Devon Energy Production Company, LP (Devon), has prepared this *Closure Request Addendum* to document excavation and soil sampling activities performed to address a produced water release at the Marwari 28 CTB 2 (Site). Based on the excavation activities and analytical results from the soil sampling events, Devon is submitting this *Closure Request Addendum*, describing remediation that has occurred and requesting closure for Incident Number nAPP2506428775.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Unit B, Section 28, Township 25 South, Range 32 East, in Lea County, New Mexico (32.105561°, -103.676714°) and is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM).

On March 04, 2025, a piping nipple on a water transfer pump developed a pinhole leak, which resulted in the release of approximately 34 barrels (bbls) of produced water partially into a lined secondary containment. Due to high pressure on the pipeline, the majority of the produced water released sprayed over the containment wall, onto the caliche pad and onto an off-pad pasture area. Devon reported the release to the New Mexico Oil Conservation Division (NMOCD) via the NMOCD Portal on March 05, 2025, and the release was assigned Incident Number nAPP2506428775. The Form C-141 can be referenced within the NMOCD Incident Portal.

On March 17, 2025, NMOCD denied the *Closure Request* for Incident Number nAPP2434152111 for the following reasons:

1) When the NOR was submitted by Devon on 3/5/25, the following coordinates were used for release location: 32.105685,-103.687787. Those coordinates are registered to the facility fAPP2130555386, which according to OCD records is Marwari 28 CTB 1. In report submitted, you put the location of the release here 32.105561, -103.676714. Confirm correct release location. 2) On pg. 1, "On March 04, 2025, a piping nipple on a water transfer pump developed a pinhole leak, which resulted in the release of approximately 34 barrels (bbls) of produced water into a lined secondary containment, onto the caliche pad, and into an off-pad pasture area." How did the fluids leave the containment? Specify what happened. 3) On pg. 2 of report, "A liner integrity inspection was conducted by Ensolum personnel on August 18, 2025, and the liner was determined to be intact and had the ability to contain the release in question." According to the C-141L and photo documentation it was conducted on August 19, 2025.

Ensolum, LLC | Environmental, Engineering & Hydrogeologic Consultants 3122 National Park Highway | Carlsbad, NM 88220 | ensolum.com



Update. 4) "Delineation soil samples SS06 through SS13 and boreholes BH11 through BH14 and BH16 through BH22 were collected at depths ranging from ground surface level to 1-foot bgs in the off-pad area to assess for the presence of any possible impacts due to high winds at the time of the release." This was submitted for reclamation. Collecting delineation samples spaced every 80-100 feet apart in the possible overspray area does not confirm that the pasture meets reclamation requirements. The entire overspray area that extends east to SS09 and SS10 requires five-point composite samples collected at surface to confirm there are no impacts from the release prior to reclamation approval.

What follows is a summary of the requested information and a subsequent *Closure Request Addendum* for the Site.

- 1) The correct GPS coordinates for the release are 32.105561°N, -103.676714°W and this information will be updated on the NMOCD web portal.
- 2) The liner remained intact however, the leaking equipment sprayed produced water over the containment wall; most of the release ended up outside of the containment due to the pressure of the leaking pipeline.
- 3) The correct date of the liner integrity inspection is August 19, 2025. This information has been updated in the report.
- 4) In review of the NMOCD's denial for the area off pad beyond the documented overspray area, additional explanation of this area is provided. Due to the high winds and known overspray footprint, Devon, out of abundance of precaution, sampled the pasture area beyond the actual overspray area to confirm the presence or absence of COCs in the pasture. Photographs of the area do not indicate staining or wetness that could have been attributed to the release. All investigation delineation samples confirmed the pasture area was absent of any COCs and therefore the area did not require remediation and/or reclamation. Per 19.15.29.13.A NMAC, the area investigated was not impacted by the release and as such, there is no area to restore. Per 19.15.29.13.D NMAC, only areas disturbed by remediation require reclamation. This off pad pasture area was not remediated, and the original condition of the pasture area remained intact. Non-waste containing soil has been confirmed in the area based on delineation samples SS06 through SS13 and BH11 through BH14 and BH16 through BH22.

Based on the precautionary reason for oversampling and the absence of impacts in the pasture area beyond the overspray area, confirmation sampling of the area does not appear warranted as reclamation is not applicable per 19.15.29.13. If necessary, Devon would be happy to have a meeting to discuss this area further to better explain the situation and why confirmation sampling is not appropriate for this situation. We look forward to hearing from you soon. Thank you and have a great day.

This information listed above was provided to the NMOCD via email correspondence with NMOCD representative Ms. Shelly Wells and is included in Appendix A.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

The Site was characterized to assess the applicability of Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29, Section 12 (19.15.29.12) of the New Mexico Administrative Code (NMAC) Site Assessment/Characterization. Potential Site receptors are identified on Figure 1.

Depth to groundwater at the Site is estimated to be greater than 105 feet below ground surface (bgs) based on a soil boring completed by Atkins Engineering Associates Inc. on June 17, 2025. Soil boring C-04980 POD1 is located approximately 0.45 miles northwest of the Site and was drilled to a total depth of 105 feet bgs, with no groundwater encountered. There are no regional or Site-specific hydrogeological

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conditions, such as shallow surface water, karst features, wetlands, or vegetation to suggest the Site is conducive to shallower groundwater. The location of the boring is presented on Figure 1, and the referenced well record is included in Appendix B.

The closest continuously flowing or significant watercourse to the Site is an intermittent dry wash, located approximately 0.75 miles west of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is underlain by stable geology (low potential karst designation area). Site receptors are identified on Figure 1.

Based on the results of the Site Characterization, the following NMOCD Table I Closure Criteria (Closure Criteria) apply:

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total petroleum hydrocarbons (TPH)-gasoline range organics (GRO) and TPH-diesel range organics (DRO): 1,000 mg/kg
- TPH: 2,500 mg/kg
- Chloride: 20,000 mg/kg

A reclamation requirement of 600 mg/kg chloride and 100 mg/kg TPH was applied to the top 4 feet of the pasture area that was impacted by the release, per 19.15.29.13.D (1) NMAC for the top 4 feet of areas that will be reclaimed following remediation.

SITE ASSESSMENT AND DELINEATION SOIL SAMPLING ACTIVITIES

Beginning on March 11, 2025, Ensolum personnel were onsite to delineate the extent of the release as indicated by field screening and laboratory analytical results. Multiple releases are associated with this Site and as such any missing or skipped sample numbers were not included due to them being located around the other release extents. Seven boreholes (BH06 through BH10, BH15, and BH23) were advanced via hand auger within the release extent to assess the vertical extent of the release. Boreholes BH07 and BH10 were extended at a later date with the use of a tracked excavator and subsequent depths associated with the two borings were renamed to PH07 and PH10, respectively. Delineation soil samples were collected from each borehole at depths ranging from ground surface to 9 feet bgs. Sixteen delineation soil samples (SS01 through S13, SS20, SS21, and SS22) were collected from areas surrounding the release extent to verify the lateral extent at ground surface. Delineation soil samples SS06 through SS13 and boreholes BH11 through BH14 and BH16 through BH22 were collected at depths ranging from ground surface level to 1-foot bgs in the off-pad area to assess for the presence of any possible impacts due to high winds at the time of the release. All delineation soil samples were field screened for chloride using Hach® chloride QuanTab® test strips. Field screening results and observations for the boreholes were logged on lithologic/soil sampling logs, which are included in Appendix C.

All soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples were transported under strict chain-of-custody procedures to Envirotech Analytical Laboratory (Envirotech) in Farmington, New Mexico, for analysis of the following chemicals of concern (COCs): BTEX following United States



Environmental Protection Agency (EPA) Method 8021B; TPH-GRO, TPH-DRO, and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following EPA Method 300.0. A 48-hour advance notice of a liner inspection was provided via web portal to the NMOCD office on August 15, 2025. A liner integrity inspection was conducted by Ensolum personnel on August 19, 2025, and the liner was determined to be intact and had the ability to contain the release in question. Photographic documentation of delineation and liner inspection activities are included in Appendix D.

LABORATORY ANALYTICAL RESULTS

All lateral delineation soil samples (SS01 through S13, SS20, SS21, and SS22) were in compliance with the strictest Closure Criteria at ground surface. Laboratory analytical results for delineation soil samples collected from boreholes/potholes BH07 through BH10 contained TPH and/or chloride concentrations exceeding the reclamation requirement in the on-pad release area; all soil samples were in compliance with the Site Closure Criteria and with the reclamation requirement at 4 feet bgs

Laboratory analytical results for delineation soil samples collected from borehole BH15 indicated that chloride concentrations exceeded the reclamation requirement at a depth of 2 feet bgs in the overspray area off-pad. Laboratory analytical results for delineation soil samples collected from boreholes BH11 through BH14 and boreholes BH16 through BH23 were all in compliance with the Site Closure Criteria and reclamation requirement at surface and 1-foot bgs.

As a result of delineation activities, waste-containing soil was identified in the top 4 feet of the pasture area and excavation was necessary to support reclamation requirements. Laboratory results for the delineation soil samples are summarized in Table 1 and laboratory analytical reports are included in Appendix E.

EXCAVATION AND CONFIRMATION SOIL SAMPLING ACTIVITIES

The excavation of impacted soil was completed utilizing a tracked excavator, loader, hydro-vac, and belly dump trucks. To direct excavation activities, soil was field screened for TPH utilizing a PetroFLAG® soil analyzer system and chloride utilizing test strips. The excavation depth was determined by delineation sampling to be 4 feet bgs. Photographic documentation of excavation activities is included in Appendix D.

Prior to beginning excavation activities at the Site, Ensolum submitted a confirmation sampling variance request to collect confirmation soil samples at a frequency of no more than 400 square feet from the floor of the excavation and sidewall soil samples at a frequency of no more than 200 square feet from the sidewalls of the excavation to the NMOCD on July 09, 2025; the variance request was approved by the NMOCD on July 10, 2025. Beginning on August 8 through August 13, 2025, 5-point composite confirmation samples were collected by placing five equivalent aliquots of soil into a resealable plastic bag and homogenizing the samples by thoroughly mixing. Composite soil samples SW01 through SW13 were collected from the sidewalls of the excavation in the top 4 feet of the subsurface, with depths ranging from ground surface to 4 feet bgs. Composite soil samples FS50 through FS106 were collected from the floor of the excavation at depths ranging from 0.5 feet to 4 feet bgs. The soil samples were collected, handled, and analyzed following the same procedures as described above.

The final excavation extent measured approximately 22,232 square feet. A total of approximately 2,464 cubic yards of waste-containing soil was removed during the excavation activities. The waste-containing soil was transported and properly disposed of at the Northern Delaware Basin Landfill. The excavation extent and excavation soil sample locations are presented in Figure 3.



LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for excavation sidewall samples SW01 through SW08 and SW10 through SW12 and excavation floor samples FS50 through FS106 indicated all COC concentrations were compliant with the reclamation requirement. Laboratory analytical results for excavation sidewall samples SW09 and SW13, located on pad and away from the pasture, were in compliance with the Site Closure Criteria. Laboratory analytical results are summarized in Tables 2 and 3 and laboratory analytical reports are included as Appendix E.

RECLAMATION PLAN

A portion release occurred off pad in the pasture, and as such, a reclamation requirement of 600 mg/kg chloride and 100 mg/kg TPH were applied to the top 4 feet of the subsurface that was impacted by the release per 19.15.29.13.D (1) NMAC for the top 4 feet of areas that will be reclaimed following remediation. The following Reclamation Plan proposes reclamation of the excavated area:

- The excavation will be backfilled with locally sourced caliche (BF01) and topsoil (BF02) to match surrounding grade. Laboratory analytical results are summarized in Table 4 and laboratory analytical reports are included as Appendix E;
- Soil in the vicinity of the release includes: Pyote soils and Dune land, Fine sand, 0 to 30 inches and Fine sandy loam, 30 to 60 inches according to the United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) Web Soil Survey completed on May 27, 2025;
- The backfilled areas will be seeded utilizing a weed-free seed mix designed by the BLM to meet reclamation standards for this region, which will be: BLM Seed Mixture #2, for Sandy Sites;
- The seed mixture will be distributed with either a push broadcaster seed spreader, tractor operated broadcast seed spreader, drill seeding, or other means;
- Application of the seed mixture will be at a coverage of 10 pounds of seeds per acre of reclaimed
 pasture with distribution by a drilling method or 20 pounds of seeds per acre of reclaimed pasture
 with distribution by a broadcast method;
- Erosion control management is not anticipated, but if needed, will potentially include:
 - The placement of waddles in areas with a propensity for high run-off rates;
 - Straw cover if high winds are anticipated to support moisture retention and limit wind from blowing seeds away before they have had time to germinate; and/or
 - Other erosional control best management practices (BMP) as necessary to support timely and healthy regrowth of vegetation in disturbed areas;
- Seeding is anticipated to be completed in the Spring or Fall when temperatures and precipitation
 is most conducive for vegetation growth. In general, seeding should occur approximately one
 month after the last frost in the Spring up until approximately one month prior to the first fall frost.
 Ensolum understands the optimal time to seed is between July and early September, which will
 be adhered to for this Site;
- Annual inspections (at a minimum) will take place on the location until revegetation is consistent
 with local natural vegetation density. The Site will be inspected the following Fall to assess the
 success of regrowth. If necessary, an additional application of the BLM-approved pure live seed

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mixture will be applied as well as any needed BMPs will be installed to support growth and limit erosion;

• Upon completion of revegetation, a copy of the C-103 submitted to NMOCD will also be submitted to BLM for final inspection and release.

CLOSURE REQUEST

Site assessment and excavation activities were conducted at the Site to address the March 2025 release of produced water. Following remediation efforts, 57 composite confirmation floor soil samples (FS50 through FS106) and 13 composite confirmation sidewall samples (SW01 though SW13) were collected. Laboratory analytical results for the excavation soil samples collected from the final excavation extent indicated all COC concentrations were in compliance with Site Closure Criteria and/or with the reclamation requirement in the top 4 feet of soil for areas off pad. Based on the soil sample analytical results, no further remediation was required. Reclamation will be completed as described above.

Based on horizontal and vertical delineation sampling, depth to groundwater greater than 105 feet bgs, and confirmation soil sample laboratory analytical results in compliance with their respective Closure Criteria and reclamation requirement, Devon believes these remedial actions have been protective of human health, the environment, and groundwater. As such, Devon respectfully requests closure for Incident Numbers nAPP2506428775.

If you have any questions or comments, please contact Ms. Ashley Giovengo at (575) 988-0055 or agiovengo@ensolum.com.

Sincerely, **Ensolum**, **LLC**

Cole Burton Project Manager

cc: Jim Raley, Devon

Cele Buston

Daniel R. Moir, PG (licensed in WY & TX) Senior Managing Geologist



Appendices:

Figure 1

Figure 2	Delineation Soil Sample Locations
Figure 3	Confirmation Soil Sample Locations
Table 1	Soil Sample Analytical Results (Delineation Soil Samples)
Table 2	Soil Sample Analytical Results (Confirmation Soil Samples)
Table 3	Soil Sample Analytical Results (Sidewall Soil Samples)
Table 4	Soil Sample Analytical Results (Backfill Soil Samples)

Appendix A Denial Response Email Appendix B Well Log and Record

Appendix C Lithologic Soil Sampling Logs

Site Receptor Map

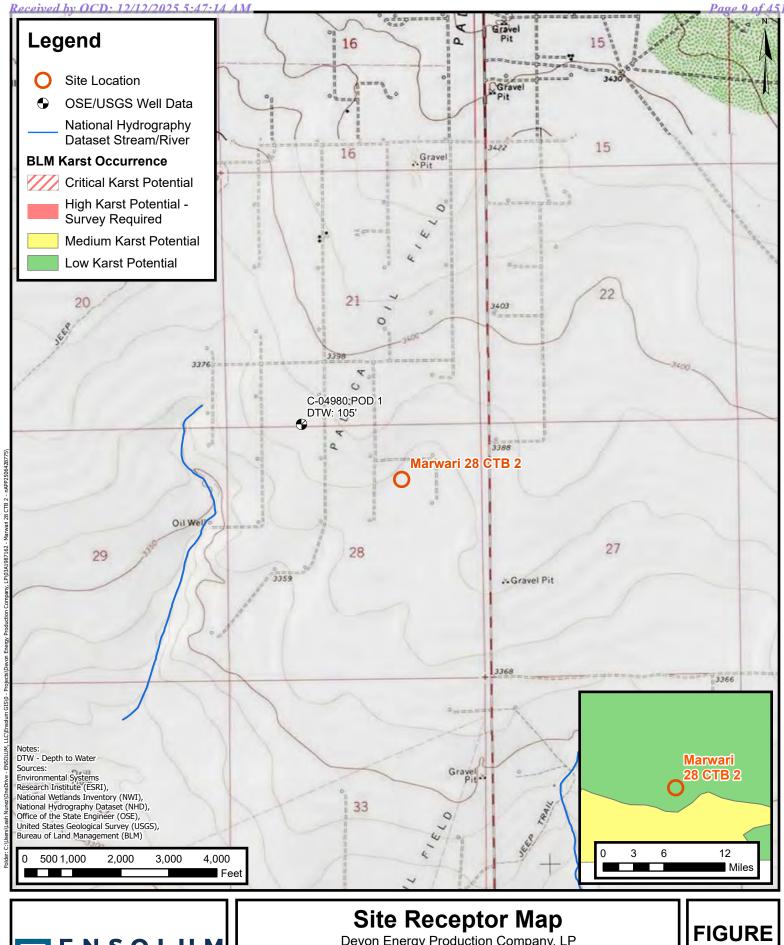
Appendix D Photographic Log

Appendix E Laboratory Analytical Reports & Chain-of-Custody Documentation

Appendix F NMOCD Correspondence



FIGURES

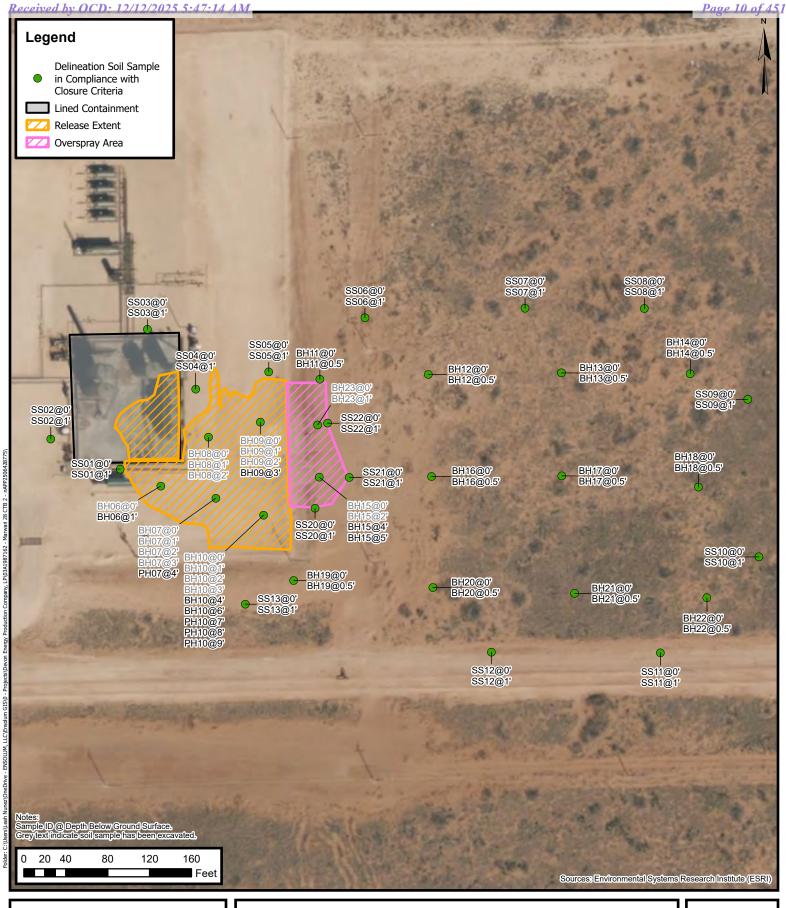




Devon Energy Production Company, LP
Marwari 28 CTB 2
Incident Number: nAPP2506428775
Unit B, Section 28, T 25S, R 32E
Lea County, New Mexico

FIGURE 1

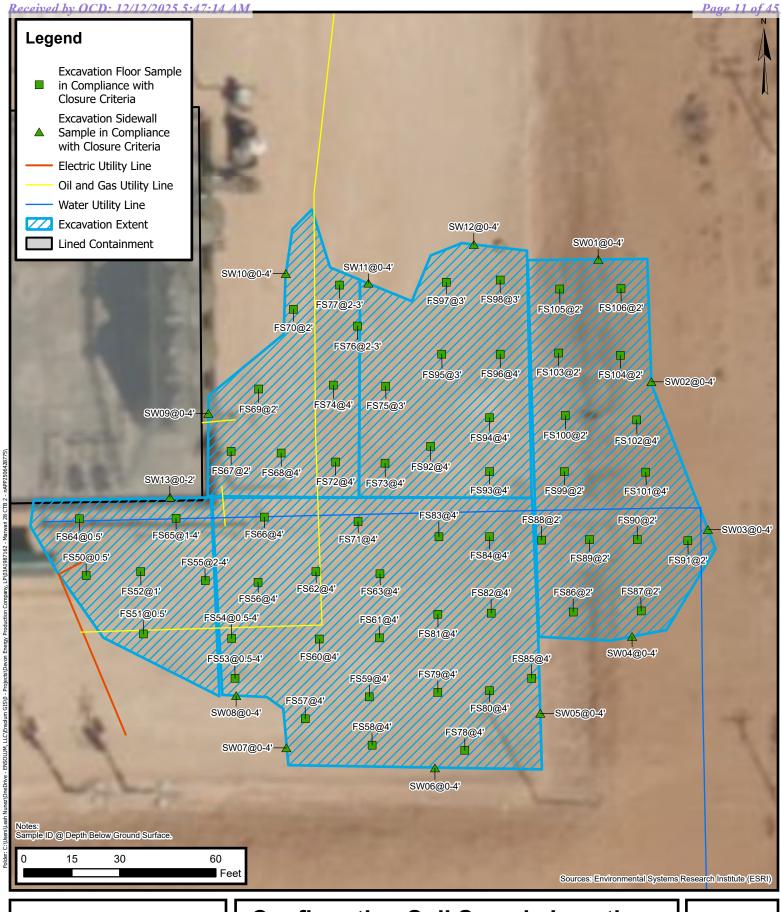
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Delineation Soil Sample Locations

Devon Energy Production Company, LP Marwari 28 CTB 2 Incident Number: nAPP2506428775 Unit B, Section 28, T 25S, R 32E Lea County, New Mexico FIGURE 2





Confirmation Soil Sample Locations

Devon Energy Production Company, LP Marwari 28 CTB 2 Incident Number: nAPP2506428775 Unit B, Section 28, T 25S, R 32E Lea County, New Mexico FIGURE 3

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TABLES



TABLE 1 SOIL SAMPLE ANALYTICAL RESULTS Marwari 28 CTB 2

Devon Energy Production Company, LP Lea County, New Mexico										
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	20,000
				Delin	eation Soil San	nples				
SS01	3/11/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<100.0
SS01	3/20/2025	1	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS02	3/11/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<100.0
SS02	3/20/2025	1	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS03	3/11/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	176
SS03	3/20/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	35.3
SS04	3/11/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<100.0
SS04	3/20/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	37.8
SS05	3/11/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<100.0
SS05	3/20/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	330
SS06*	3/11/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS06*	3/11/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS07*	3/11/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS07*	3/11/2025	1	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS08*	3/11/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS08*	3/11/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS09*	3/11/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS09*	3/11/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS10*	3/11/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS10*	3/20/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS11*	3/11/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS11*	3/11/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	25.9
SS12*	3/11/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS12*	3/20/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS13*	3/11/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS13*	3/11/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS20	6/16/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS20	6/16/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	27.9
SS21*	6/16/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	276
SS21*	6/16/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	106
SS22*	6/18/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS22*	6/18/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	50.2



TABLE 1 - CONT'D **SOIL SAMPLE ANALYTICAL RESULTS** Marwari 28 CTB 2

Devon Energy Production Company, LP

	Lea County, New Mexico										
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)	
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	20,000	
				Delin	eation Soil San	nples					
BH06	5/2/2025	0	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	61.2	
BH06	5/2/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	22.7	
BH07	5/2/2025	0	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	675	
BH07	5/2/2025	1	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	8,280	
BH07	5/2/2025	2	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	8,300	
BH07	5/2/2025	3	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	6,170	
PH07	8/12/2025	4	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0	
BH08	5/2/2025	0	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,420	
BH08	5/2/2025	1	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,750	
BH08	5/2/2025	2	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	70.1	
BH09	5/2/2025	0	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,930	
BH09	5/2/2025	1	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,090	
BH09	5/2/2025	2	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,260	
BH09	5/2/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	70.5	
BH10	5/2/2025	0	< 0.0250	< 0.0500	<20.0	28.0	<50.0	28.0	28.0	1,290	
BH10	5/2/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	856	
BH10	5/2/2025	2	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,780	
BH10	5/2/2025	3	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,790	
BH10	5/2/2025	4	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	5,680	
BH10	5/2/2025	6	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	7,940	
PH10	8/12/2025	7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	159	
PH10	8/12/2025	8	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,550	
PH10	8/12/2025	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	428	
BH11*	5/23/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0	
BH11*	5/23/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0	
BH12*	5/23/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	61.1	
BH12*	5/23/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0	
BH13*	5/23/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0	
BH13*	5/23/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0	
BH14*	5/23/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0	
BH14*	5/23/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0	



TABLE 1 - CONT'D **SOIL SAMPLE ANALYTICAL RESULTS**

Marwari 28 CTB 2

Devon Energy Production Company, LP Lea County, New Mexico

	Lea County, New Mexico										
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)	
NMOCD Table I	IMOCD Table I Closure Criteria (NMAC 19.15.29			50	NE	NE	NE	1,000	2,500	20,000	
	Delineation Soil Samples										
BH15*	5/23/2025	0	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	907	
BH15*	5/23/2025	2	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,350	
BH15*	5/23/2025	4	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	481	
BH15*	5/23/2025	5	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	277	
BH16*	5/23/2025	0	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	90.8	
BH16*	5/23/2025	0.5	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	163	
BH17*	5/23/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0	
BH17*	5/23/2025	0.5	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0	
BH18*	5/23/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0	
BH18*	5/23/2025	0.5	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0	
BH19*	5/23/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0	
BH19*	5/23/2025	0.5	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0	
BH20*	5/23/2025	0	<0.0250	<0.0500	<20.0	<25.0	85.5	<25.0	85.5	178	
BH20*	5/23/2025	0.5	<0.0250	< 0.0500	<20.0	<25.0	81.1	<25.0	81.1	50.9	
BH21*	5/23/2025	0	<0.0250	<0.0500	<20.0	<25.0	65.2	<25.0	65.2	<20.0	
BH21*	5/23/2025	0.5	< 0.0250	<0.0500	<20.0	<25.0	63.9	<25.0	63.9	<20.0	
BH22*	5/23/2025	0	<0.0250	<0.0500	<20.0	<25.0	55.7	<25.0	55.7	<20.0	
BH22*	5/23/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	54.6	<25.0	54.6	<20.0	
BH23*	6/18/2025	0	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	282	
BH23*	6/18/2025	1	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	212	

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

Concentrations in **bold** exceed the NMOCD Table I Closure Criteria or reclamation standard where applicable.

GRO: Gasoline Range Organics DRO: Diesel Range Organics ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

[&]quot;<": Laboratory Analytical result is less than reporting limit

^{*} Indicates sample was collected in area to be reclaimed after remediation is complete; reclamation for chloride in the top 4 feet is 600 mg/kg and total TPH is 100 mg/kg.



TABLE 2 SOIL SAMPLE ANALYTICAL RESULTS Marwari 28 CTB 2

Devon Energy Production Company, LP Lea County, New Mexico										
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	20,000
				Confir	mation Soil Sa	mples				
FS50	8/12/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	49.9
FS51	8/12/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	478
FS52	8/13/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS53	8/12/2025	0.5-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	29.4
FS54	8/12/2025	0.5-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS55	8/13/2025	2-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	316
FS56	8/12/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	56.8
FS57	8/12/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	58.8
FS58	8/12/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,690
FS59	8/12/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,410
FS60	8/12/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS61	8/12/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	70.2
FS62	8/12/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	379
FS63	8/12/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	907
FS64	8/12/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	91
FS65	8/13/2025	1-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	777
FS66	8/12/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS67	8/11/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	153
FS68	8/12/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	61.3
FS69	8/11/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	198
FS70	8/11/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	196
FS71	8/12/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,400
FS72	8/12/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	90.9
FS73	8/12/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	759
FS74	8/12/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	25.7
FS75	8/11/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	20.2
FS76	8/11/2025	2-3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	37.5
FS77	8/11/2025	2-3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	38.4
FS78	8/12/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	377
FS79	8/12/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,060
FS80	8/13/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	29.2
FS81	8/12/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,800
FS82	8/13/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0



TABLE 2 - CONT'D **SOIL SAMPLE ANALYTICAL RESULTS**

Marwari 28 CTB 2

Devon Energy Production Company, LP Lea County, New Mexico

	Lea County, New Mexico									
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	20,000
				Confi	mation Soil Sa	mples				
FS83	8/12/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,310
FS84	8/12/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,430
FS85	8/12/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	156
FS86*	8/8/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	139
FS87*	8/8/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	43.8
FS88*	8/8/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	106
FS89*	8/8/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	458
FS90*	8/8/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	113
FS91*	8/8/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	199
FS92	8/12/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	154
FS93	8/12/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,930
FS94	8/12/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,670
FS95	8/11/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	30.7
FS96	8/12/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	793
FS97	8/11/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	57.6
FS98	8/11/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	321
FS99*	8/8/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	157
FS100*	8/8/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	326
FS101	8/11/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	598
FS102	8/11/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	554
FS103*	8/8/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	166
FS104*	8/8/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	182
FS105*	8/8/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	124
FS106*	8/8/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	350

Notes:

bgs: below ground surface mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

Concentrations in bold exceed the NMOCD Table I Closure Criteria or reclamation standard where applicable.

[&]quot;<": Laboratory Analytical result is less than reporting limit

GRO: Gasoline Range Organics DRO: Diesel Range Organics ORO: Oil Range Organics TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

^{*} Indicates sample was collected in area to be reclaimed after remediation is complete; reclamation for chloride in the top 4 feet is 600 mg/kg and total TPH is 100 mg/kg.





TABLE 3 **SOIL SAMPLE ANALYTICAL RESULTS** Marwari 28 CTB 2 **Devon Energy Production Company, LP** Lea County, New Mexico

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	10,000
				Sid	ewall Soil Samp	oles				
SW01*	8/11/2025	0-4	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	326
SW02*	8/11/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	44.6
SW03*	8/11/2025	0-4	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	146
SW04*	8/11/2025	0-4	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	152
SW05*	8/12/2025	0-4	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SW06*	8/12/2025	0-4	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	206
SW07*	8/12/2025	0-4	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SW08	8/12/2025	0-4	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SW09	8/12/2025	0-4	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	827
SW10	8/12/2025	0-4	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	131
SW11	8/12/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	211
SW12	8/12/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	37.5
SW13	8/13/2025	0-2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,320

Notes:

bgs: below ground surface mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

Concentrations in **bold** exceed the NMOCD Table I Closure Criteria or reclamation standard where applicable.

GRO: Gasoline Range Organics DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

[&]quot;<": Laboratory Analytical result is less than reporting limit

^{*} Indicates sample was collected in area to be reclaimed after remediation is complete; reclamation for chloride in the top 4 feet is 600 mg/kg and total TPH is 100 mg/kg.



TABLE 4 SOIL SAMPLE ANALYTICAL RESULTS Marwari 28 CTB 2 Devon Energy Production Company, LP

Devon Energy Production Company, LP

	Lea County, New Mexico										
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)	
NMOCD Table I Closure Criteria (NMAC 19.15.29)		10	50	NE	NE	NE	NE	100	600		
	Backfill Soil Samples										
BF01	8/6/2025	NA	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	170	
BF02	8/22/2025	NA	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0	

Notes:

bgs: below ground surface mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

"<": Laboratory Analytical result is less than reporting limit

Concentrations in **bold** exceed the NMOCD Table I Closure Criteria or reclamation standard where applicable.

GRO: Gasoline Range Organics DRO: Diesel Range Organics ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

NA: Not Applicable

* Indicates sample was collected in area to be reclaimed after remediation is complete; reclamation for chloride in the top 4 feet is 600 mg/kg and total TPH is 100 mg/kg.



APPENDIX A

Denial Response Email

Ashley Giovengo

From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>

Sent: Monday, November 17, 2025 1:25 PM

To: Ashley Giovengo

Subject: RE: [EXTERNAL] Devon Energy - MARWARI 28 CTB 2 - Incident # nAPP2506428775 -

Denial Response

[**EXTERNAL EMAIL**]

You're welcome Ashley!

From: Ashley Giovengo <agiovengo@ensolum.com>

Sent: Monday, November 17, 2025 1:21 PM

To: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>

Cc: Raley, Jim <jim.raley@dvn.com>; Cole Burton <cburton@ensolum.com>; Bratcher, Michael, EMNRD

<mike.bratcher@emnrd.nm.gov>

Subject: RE: [EXTERNAL] Devon Energy - MARWARI 28 CTB 2 - Incident # nAPP2506428775 - Denial Response

Thank you Shelly!



"Your authenticity is your superpower." - Unknown

From: Wells, Shelly, EMNRD < Shelly.Wells@emnrd.nm.gov>

Sent: Monday, November 17, 2025 1:20 PM **To:** Ashley Giovengo <a giovengo@ensolum.com>

Cc: Raley, Jim <jim.raley@dvn.com>; Cole Burton <cburton@ensolum.com>; Bratcher, Michael, EMNRD

<mike.bratcher@emnrd.nm.gov>

Subject: RE: [EXTERNAL] Devon Energy - MARWARI 28 CTB 2 - Incident # nAPP2506428775 - Denial Response

[**EXTERNAL EMAIL**]

Hi Ashley,

The release lat/long have been updated to 32.105561, -103.676714 for nAPP2506428775 per your comments below. In the future, should the incorrect location be input during the NOR process, an email request can be sent to whomever is the reviewer to update the location rather than cancelling an incident.

Kind regards,

Shelly

Shelly Wells * Senior Environmental Scientist Environmental Bureau EMNRD-Oil Conservation Division 1220 S. St. Francis Drive|Santa Fe, NM 87505 (505)469-7520 Shelly.Wells@emnrd.nm.gov http://www.emnrd.state.nm.us/OCD/

From: Ashley Giovengo agiovengo@ensolum.com>

Sent: Monday, November 17, 2025 12:06 PM

To: Wells, Shelly, EMNRD < Shelly. Wells@emnrd.nm.gov>

Cc: Raley, Jim < <u>iim.raley@dvn.com</u>>; Cole Burton < <u>cburton@ensolum.com</u>>; Bratcher, Michael, EMNRD

<mike.bratcher@emnrd.nm.gov>

Subject: RE: [EXTERNAL] Devon Energy - MARWARI 28 CTB 2 - Incident # nAPP2506428775 - Denial Response

Good afternoon, Shelly,

Ensolum has made the corrections on the Marwari 28 CTB 2 report, per our previous email communication however, there is one remaining issue to be addressed. The GPS coordinates for the release are correct in the report, but the initial GPS coordinates that were entered into the NMOCD web portal are incorrect. Devon is in the process of correcting the issues on their end however, once an incident has been reported, the GPS coordinates cannot be updated on the producer's side. Can you please let me know if you would like for us to cancel this incident and submit a new incident or will that add to the confusion? Is there anyway that you can update the release coordinates on your end? Thank you for the help, and I look forward to your response.

Kind Regards,



"Your authenticity is your superpower." - Unknown

From: Wells, Shelly, EMNRD < Shelly. Wells@emnrd.nm.gov>

Sent: Thursday, October 30, 2025 2:54 PM

To: Ashley Giovengo <agiovengo@ensolum.com>

Cc: Raley, Jim < <u>iim.raley@dvn.com</u>>; Cole Burton < <u>cburton@ensolum.com</u>>; Bratcher, Michael, EMNRD

<mike.bratcher@emnrd.nm.gov>

Subject: RE: [EXTERNAL] Devon Energy - MARWARI 28 CTB 2 - Incident # nAPP2506428775 - Denial Response

[**EXTERNAL EMAIL**]

Good afternoon Ashley,

I have been in receipt of your comments in response to the reclamation denial and wanted to say there will be no need to set up a meeting to discuss #4 below. Include the paragraph that you have added in response to rejection #4 within the updated remediation closure/reclamation report, as it is paramount to not requiring that confirmation sampling be required in that part of the pasture.

Kind regards,

Shelly

Shelly Wells * Senior Environmental Scientist Environmental Bureau EMNRD-Oil Conservation Division 1220 S. St. Francis Drive|Santa Fe, NM 87505 (505)469-7520 Shelly.Wells@emnrd.nm.gov http://www.emnrd.state.nm.us/OCD/

From: Ashley Giovengo <a giovengo@ensolum.com>

Sent: Thursday, October 16, 2025 9:26 PM

To: Wells, Shelly, EMNRD < Shelly.Wells@emnrd.nm.gov>

Cc: Raley, Jim < jim.raley@dvn.com >; Cole Burton < cburton@ensolum.com >

Subject: [EXTERNAL] Devon Energy - MARWARI 28 CTB 2 - Incident # nAPP2506428775 - Denial Response

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good evening, Shelly,

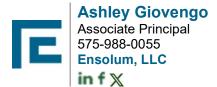
I wanted to reach out with regards to the denial of Devon Energy's Marwari 28 CTB 2 Closure Report (Incident # nAPP2506428775). Please see Ensolums responses/comments below:

- Reclamation denied for the following reasons:
- 1) When the NOR was submitted by Devon on 3/5/25, the following coordinates were used for release location: 32.105685,-103.687787. Those coordinates are registered to the facility fAPP2130555386, which according to OCD records is Marwari 28 CTB 1. In report submitted, you put the location of the release here 32.105561, -103.676714. Confirm correct release location. GPS Coordinates 32.105561, -103.676714 are correct and the OCD web portal will be updated when the Closure Report is resubmitted.
- 2) On pg. 1, "On March 04, 2025, a piping nipple on a water transfer pump developed a pinhole leak, which resulted in the release of approximately 34 barrels (bbls) of produced water into a lined secondary containment, onto the caliche pad, and into an off-pad pasture area." How did the fluids leave the containment? Specify what happened. The liner remained intact however the leaking equipment sprayed over the containment wall; most of the release ended up outside of the containment due to the pressure of the leaking pipeline. Ensolum will update the release description.
- 3) On pg. 2 of report, "A liner integrity inspection was conducted by Ensolum personnel on August 18, 2025, and the liner was determined to be intact and had the ability to contain the

- release in question." According to the C-141L and photo documentation it was conducted on August 19, 2025. Update report. Ensolum will update the Closure Report upon resubmission.
- 4) "Delineation soil samples SS06 through SS13 and boreholes BH11 through BH14 and BH16 through BH22 were collected at depths ranging from ground surface level to 1-foot bgs in the off-pad area to assess for the presence of any possible impacts due to high winds at the time of the release." This was submitted for reclamation. Collecting delineation samples spaced every 80-100 feet apart in the possible overspray area does not confirm that the pasture meets reclamation requirements. The entire overspray area that extends east to SS09 and SS10 requires five-point composite samples collected at surface to confirm there are no impacts from the release prior to reclamation approval.
- Submit updated report to the OCD by 11/25/2025.
 - 4) In review of the NMOCD's denial for the area off pad beyond the documented overspray area, additional explanation of this area is provided. Due to the high winds and known overspray footprint, Devon, out of abundance of precaution, sampled the pasture area beyond the actual overspray area to confirm the presence or absence of COCs in the pasture. Photographs of the area do not indicate staining or wetness that could have been attributed to the release. All investigation delineation samples confirmed the pasture area was absent of any COCs and therefore the area did not require remediation and/or reclamation. Per 19.15.29.13.A NMAC, the area investigated was not impacted by the release and as such, there is no area to restore. Per 19.15.29.13.D NMAC, only areas disturbed by remediation require reclamation. This off pad pasture area was not remediated and the original condition of the pasture area remained intact. Non-waste containing soil has been confirmed in the area based on delineation samples SS06 through SS13 and BH11 through BH14 and BH16 through BH22.

Based on the precautionary reason for oversampling and the absence of impacts in the pasture area beyond the overspray area, confirmation sampling of the area does not appear warranted as reclamation is not applicable per 19.15.29.13. If necessary, Devon would be happy to have a meeting to discuss this area further to better explain the situation and why confirmation sampling is not appropriate for this situation. We look forward to hearing from you soon. Thank you and have a great day.

Kind regards,



"Your authenticity is your superpower." - Unknown



APPENDIX B

Well Log and Record



2904 W 2nd St. Roswell, NM 88201 voice: 575.624.2420 fax: 575.624.2421 www.atkinseng.com

July 10, 2025

DII-NMOSE 1900 W 2nd Street Roswell, NM 88201

Hand Delivered to the DII Office of the State Engineer

Re: Well Record C-4980 Pod-1

To whom it may concern:

Attached please find a well log & record and a plugging record, in duplicate, for a one (1) soil borings, C-4980 Pod-1.

If you have any questions, please contact me at 575.499.9244 or lucas@atkinseng.com.

Sincerely,

Lucas Middleton

Enclosures: as noted above

Grown Middle

OSE DIT ROSWELL NM 10 JUL '25 PM2:45



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

	Ch.											
NO	OSE POD NO POD 1 (TV	,	.)		/ELL TAG ID NO. [/A			OSE FILE NO(C-4980	S).			
OCATI	WELL OWNE Devon Ene		action Company, Ll	2				PHONE (OPTI- 575-628-75				
GENERAL AND WELL LOCATION	WELL OWNE 5315 Buens							CITY Carlsbad			тате М 88220	ZIP
L AND V	WELL LOCATION	N TAT	DI	EGREES 32	MINUTES 6	SECONDS 31.6	N	* ACCURACY	REQUIRED: 0	ONE TENTH (OF A SECOND	
ERA	(FROM GP	S) 2.13	NGITUDE	103	41	0.23	W	* DATUM REG	QUIRED: WGS	84		
1. GEN	1		Fed Com, SWSES			LANDMARK	CS – PLS	S (SECTION, TO	WNSHJIP, RA	NGE) WHERE	E AVAILABLE	
	LICENSE NO		NAME OF LICENSED		kie D. Atkins						ING COMPANY ering Associates,	Inc.
	DRILLING STARTED DRILLING ENDED DEPTH OF COMPLETED WELL (FT) BORE HOLE DEPTH (FT) DEPTH WATER FIRST 06/17/2025 Temporary Well Material ±105								TER FIRST E	ENCOUNTERED (FI N/A)	
z	COMPLETED WELL IS: ARTESIAN *add Dry HOLE SHALLOW (UNCONFINED) IN COM								WATER LEVE PLETED WELI		DATE STATIO 06/23	
ATIO	DRILLING FI		AIR	☐ MUD		S - SPECIFY						
ORM	DRILLING M	ETHOD:	ROTARY HAMM	MER CABLE	TOOL 7 OTHER	R – SPECIFY	7: F	Iollow Stem	Auger	INSTALLEI	RE IF PITLESS ADA D	APTER IS
DRILLING & CASING INFORMATION	FROM	(feet bgl) TO	BORE HOLE DIAM (inches)	(include eac	MATERIAL AND/OR GRADE each casing string, and sections of screen)		CASING CONNECTION TYPE (add coupling diameter)		CASIN INSIDE I (inche	DIAM.	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
& CA	0	105	±6.25	Soil Boring (add coupling diameter)								-
LING												
DRIL										DII ROS		
7.						-			10		54245	
1						-				-4-		
	DEPTH ((feet bgl)	BORE HOLE	LIST ANNULA	R SEAL MATERIA RANGE BY 1			PACK SIZE-	AMO	DUNT	метно	DD OF
3. ANNULAR MATERIAL	FROM	TO	DIAM. (inches)	*(if using Centra	lizers for Artesian	wells- indi		spacing below)	(cubi	c feet)	PLACE	MENT
IATE					N/.	A						-
AR M												
NNL		-									1	
3. Aľ												
FOR	OSE INTERI	NAL USE			POD NO.			WR-20		CORD & L	OG (Version 09/2	2/2022)
	ATION				1 32 1.3.			WELL TAG II			PAGE	1 OF 2

PAGE 2 OF 2

WELL TAG ID NO.

	DEPTH (feet bgl)			COLO	OR AND TYPE OF MATER	RIAL ENCOUNTERED -		WATER	ESTIMATED
	FROM	то	THICKNESS (feet)	INCLUDE	WATER-BEARING CAVI ach supplemental sheets to	ΓIES OR FRACTURE ZON		BEARING? (YES / NO)	YIELD FOR WATER- BEARING ZONES (gpm)
	0	6	6		Caliche, semi-consolid	ated, tan/white		Y ✓N	
	6	19	13		Sand, fine-grained, with cal	iche, tan and white		Y ✓N	
	19	39	10		Sand, fine-grained, clay	, tannish brown		Y ✓N	
	39	69	30	Cla	y, with fine-grained sand ser	ni-consolidated, Brown		Y ✓N	
	69	105	36		Clay, Stiff, High pla	stic, Brown		Y ✓N	
ų								Y N	
WEI								Y N	
OF								Y N	
90,								Y N	
IC.								Y N	
07								Y N	
3EO								Y N	
4. HYDROGEOLOGIC LOG OF WELL								Y N	
HAD								Y N	
4.								Y N	
								Y N	
								Y N	
								Y N	
	1-20							Y N	
								Y N	
					-5-			Y N	
	METHOD US	SED TO ES	STIMATE YIELD	OF WATER-BE	EARING STRATA:		TOTAL	ESTIMATED	
	PUMP	ΠA	IR LIFT	BAILER	OTHER – SPECIFY:		WELL Y	TELD (gpm):	
NO	WELL TEST	TEST STAR	RESULTS - ATTA T TIME, END TIM	ACH A COPY O ME, AND A TAE	F DATA COLLECTED DU BLE SHOWING DISCHARO	RING WELL TESTING, IN GE AND DRAWDOWN OV	CLUDING 'ER THE TI	DISCHARGE N ESTING PERIO	ИЕТНОD, D.
TEST; RIG SUPERVISION	MISCELLAN	EOUS INI			naterial removed and soil				pth to ten feet
UPE			be	low ground sur	face(bgs), then hydrated l	bentonite chips ten feet by	gs to surfac	e.	
IG S							OSE DII	ROSWELL	
T; R							The state of the s	L'25 PM2	46
TES	PRINT NAMI	E(S) OF D	RILL RIG SUPER	VISOR(S) THA	T PROVIDED ONSITE SUI	PERVISION OF WELL CO	NSTRUCTION	ON OTHER TH	AN LICENSEE:
v;	Cameron Pru	itt							
SIGNATURE	CORRECT RI	ECORD O	F THE ABOVE D	ESCRIBED HO	THE BEST OF HIS OR HE LE AND THAT HE OR SH COMPLETION OF WELL	E WILL FILE THIS WELL			
e. SIGN	Jack Atkins	Jul 9, 202	5 14:14 MDT)		Jackie D. Atkins			07/09/2025	
•		SIGNAT	URE OF DRILLE	R / PRINT SIG	ONEE NAME			DATE	
FOR	R OSE INTERN	AL USE				WR-20 WI	ELL RECO	RD & LOG (Ver	sion 09/22/2022)
	E NO.				POD NO.	TRN NO.		_ = ===================================	C.S. OFFEEFEUEE)

LOCATION



PLUGGING RECORD



NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

	NERAL / WELL OWNERSHIP:			
State I	Engineer Well Number: C-4980 POD-1			
	Devon Energy Production Compar	ny, LP	Phone No.:	575-628-7597
	ng address: 5315 Buena Vist Dr.			
City:	Carlsbad	State:	NM	Zip code:
<u>II. W</u>	ELL PLUGGING INFORMATION:			
1)	Name of well drilling company that plu	igged well:Jackie [). Atkins (Atkins Engine	eering Associates Inc.)
2)	New Mexico Well Driller License No.:	1249	I	Expiration Date: 04/30/27
3)	Well plugging activities were supervise Cameron Pruitt	ed by the following w	rell driller(s)/rig superv	isor(s):
4)	Date well plugging began: 06/23/202	25 Da	te well plugging conclu	nded: 06/23/2025
5)	GPS Well Location: Latitude: Longitude:	32 deg, 103 deg,	6 min, 3 41 min, 0	1.6 sec .23 sec, WGS 84
6)	Depth of well confirmed at initiation of by the following manner: water level p	f plugging as:10 robe	ft below ground l	evel (bgl),
7)	Static water level measured at initiation	n of plugging:n/	a ft bgl	
8)	Date well plugging plan of operations v	was approved by the	State Engineer:06/13	/2025
9)	Were all plugging activities consistent differences between the approved plugg			
				OSE DII ROSWELL NM
				10 JUL '25 PX2:46

Version: September 8, 2009

Page 1 of 2

Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

For each interval plugged, describe within the following columns:

Depth (ft bgl)	Plugging <u>Material Used</u> (include any additives used)	Volume of Material Placed (gallons)	Theoretical Volume of Borehole/ Casing (gallons)	Placement Method (tremie pipe, other)	Comments ("casing perforated first", "open annular space also plugged", etc.)
	0-10' Hydrated Bentonite	Approx. 15 gallons	15 gallons	Boring	
-	Trydrated bentome				
_					
-	10' 105' Drill Cuttings	Approx. 151 gallons	151 gallons	Boring	
-	Din Cultings	Approx. 131 gallons	131 gallons	Boiling	
<u>.</u>					
_					
7=					
_					
32					
·					
3 					
=					
g 				pared den pared seed pared seed pared seed pared from	ROSWELL NW L'25 px2:46
-				tr 121427	dental () den = "Blat
-					
2 		Transport V		ļ	
		cubic feet x 7.4	3Y AND OBTAIN 805 = gallons		
		cubic yards x 201.9	7 = gallons		

III. SIGNATURE:

 $\underbrace{I, \, \text{Jackie D. Atkins}}_{\text{Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief. }$

Jun Miles (Jul 9, 2025 34:14 MDT)	07/09/2025
Signature of Well Driller	Date

Version: September 8, 2009 Page 2 of 2

2025-07-09-C-4980-Well Record -packet-forsign

Final Audit Report

2025-07-09

Created: 2025-07-09

By: Lucas Middleton (lucas@atkinseng.com)

Status: Signed

Transaction ID: CBJCHBCAABAADW6MA03-0KjrYC7oROcbCOTIDV2YNuVj

"2025-07-09-C-4980-Well Record -packet-forsign" History

Document created by Lucas Middleton (lucas@atkinseng.com) 2025-07-09 - 7:18:25 PM GMT

Document emailed to Jack Atkins (jack@atkinseng.com) for signature 2025-07-09 - 7:18:31 PM GMT

Email viewed by Jack Atkins (jack@atkinseng.com) 2025-07-09 - 8:13:01 PM GMT

Document e-signed by Jack Atkins (jack@atkinseng.com)
Signature Date: 2025-07-09 - 8:14:50 PM GMT - Time Source: server

Agreement completed. 2025-07-09 - 8:14:50 PM GMT

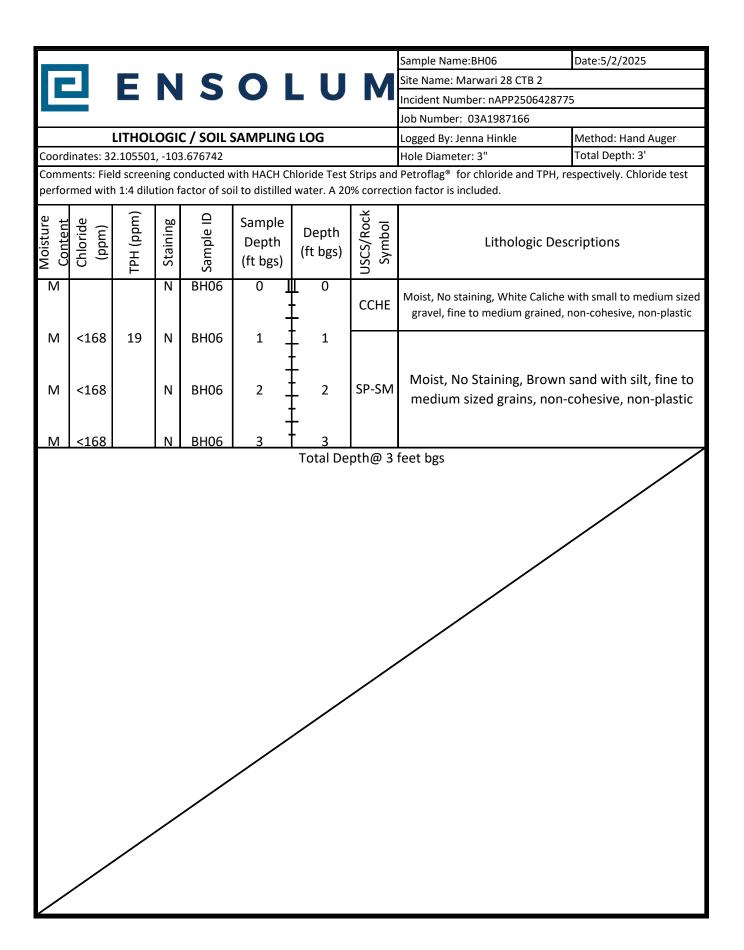
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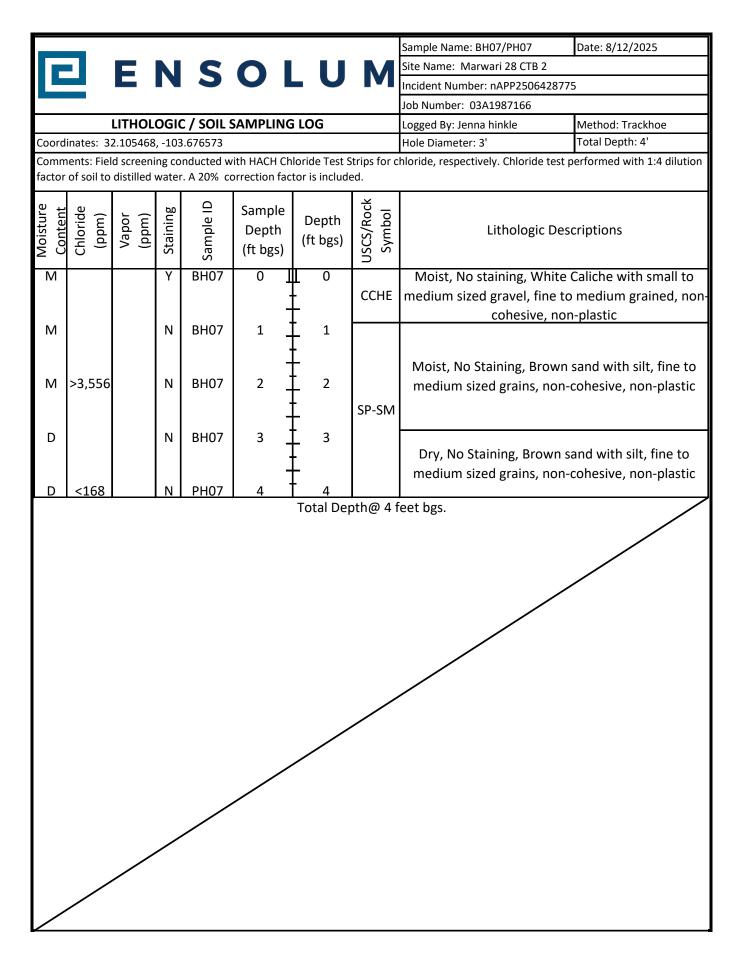


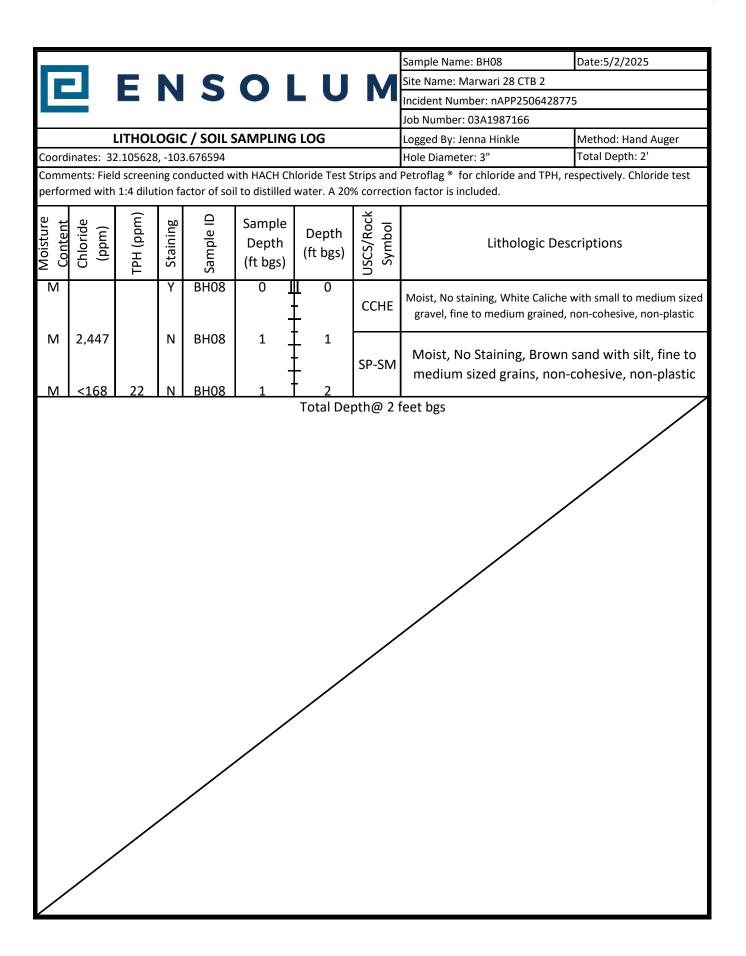


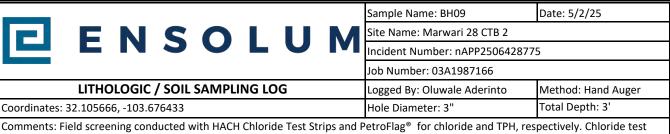
APPENDIX C

Lithologic Soil Sampling Logs







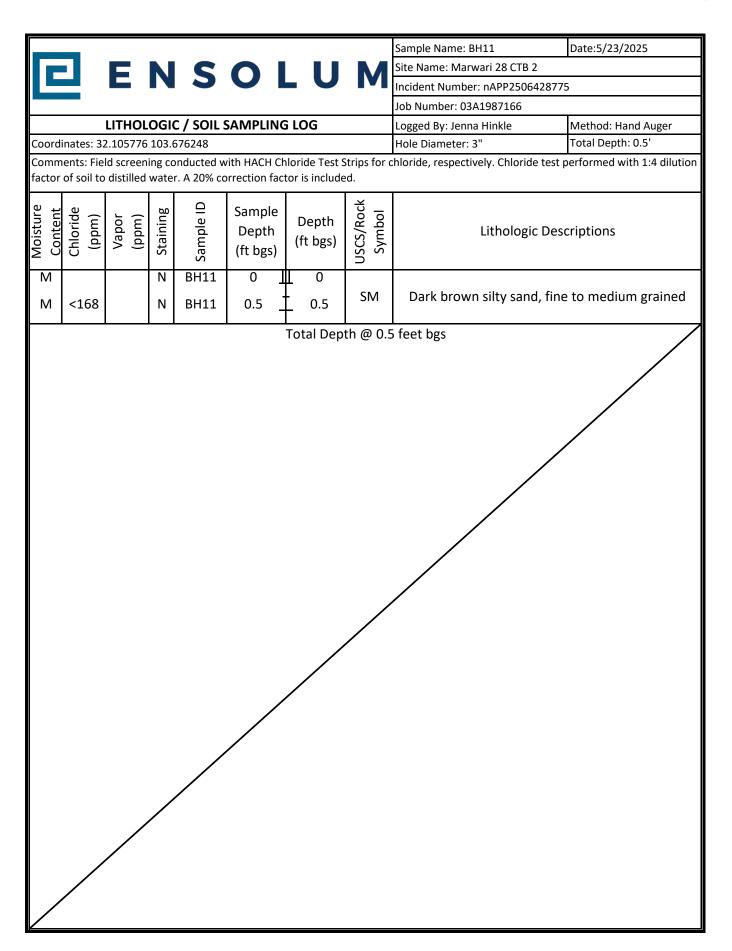


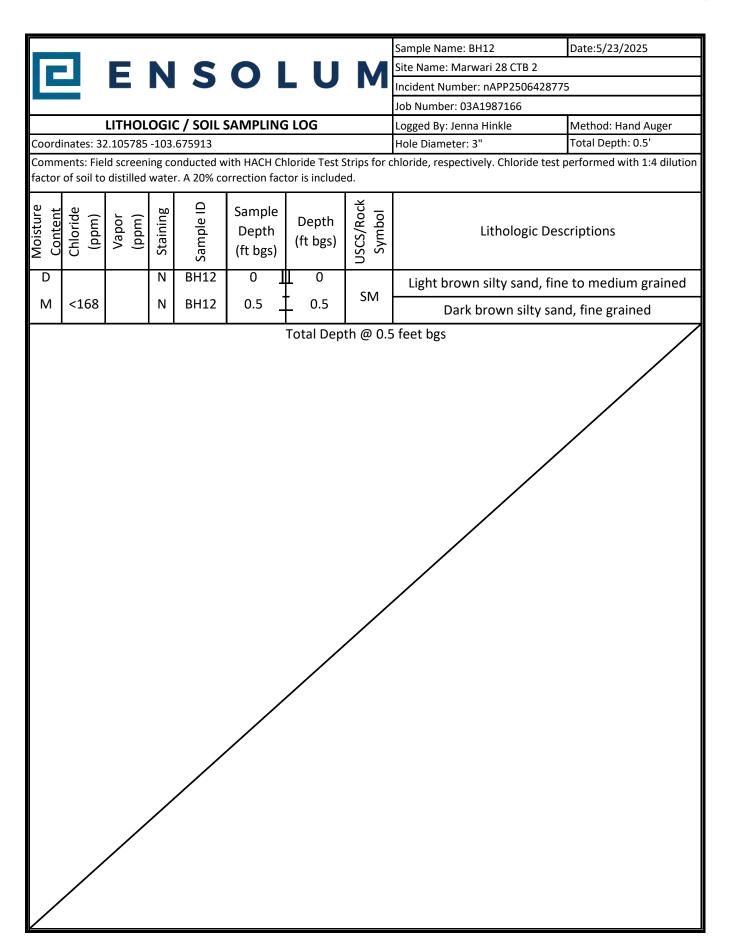
performed with 1:4 dilution factor of soil to distilled water. A 20% correction factor is included.

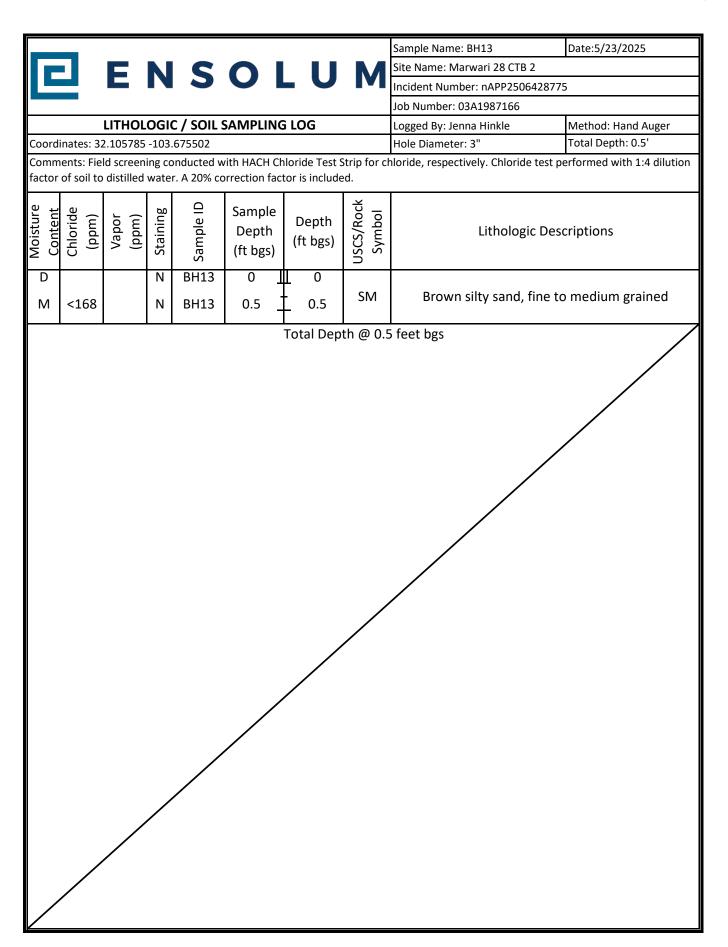
Moisture Content	Chloride (ppm)	(mdd) HAL	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
Μ			Υ	ВН09	0 <u>l</u> -	<u> </u>	ССНЕ	Pad Caliche
M	>3,589		N	BH09	1 _	_ 1 -		
M	2,861		N	ВН09	2	2	SP-SM	Brown, poorly graded sand with silt, non- cohesive, non-plastic.
М	162	30	N	ВН09	3 <u>-</u>	- _ 3 - -		

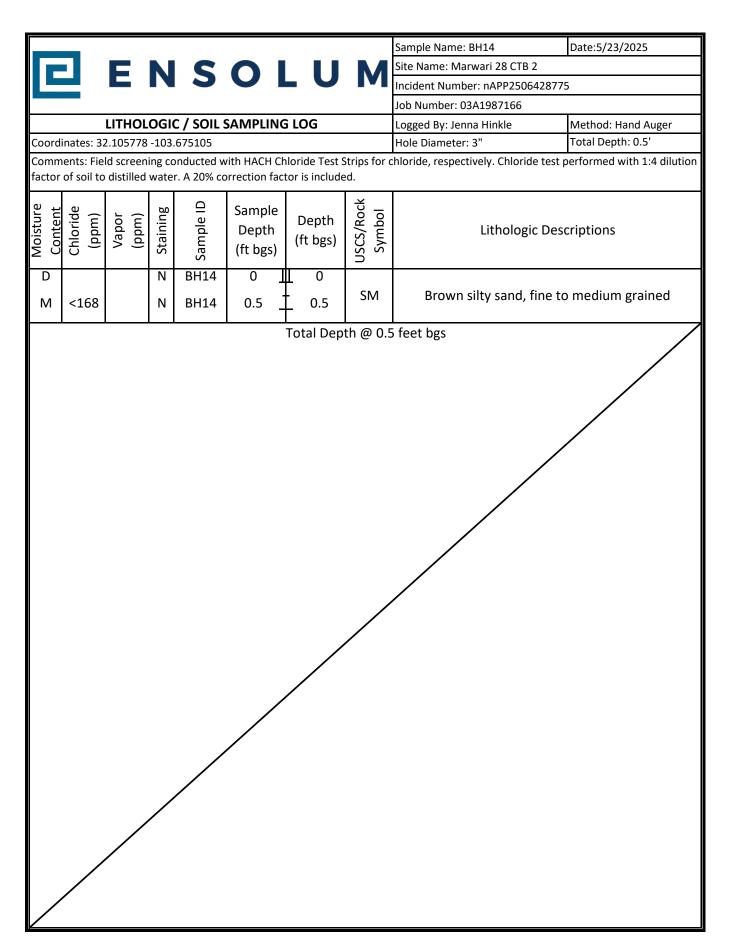
Total depth = $\overline{3}$

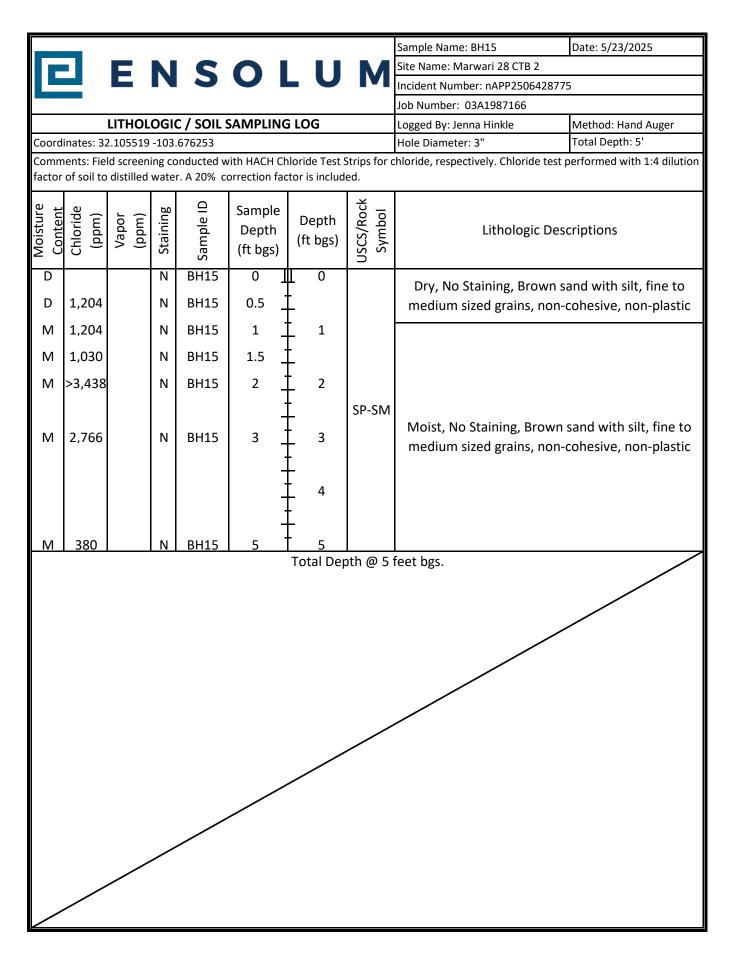
								Sample Name: BH10/PH10	Date: 8/12/2025
			N I		OL	- 11	R.A	Site Name: Marwari 28 CTB 2	, ,
			N	3	U	_ U	V	Incident Number: nAPP2506428	3775
								Job Number: 03A1987166	
	L	ITHOL	OGIC	C / SOIL S	AMPLING	LOG		Logged By: Jenna Hinkle	Method: Trackhoe
Coord	inates: 32.	105421,	-103.	676427				Hole Diameter: 3'	Total Depth: 9'
			-		th HACH Chl rection facto		•	lloride, respectively. Chloride tes	st performed with 1:4 dilution
Moisture Content	Chloride (ppm)	ТРН (ррт)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic D	escriptions
M	1,080		Υ	BH10	0]	0	ССНЕ	Pad Ca	aliche
М	996		N	BH10	1 _	1			
М	2,133		N	BH10	2	<u> </u>			
М	>3,589		N	BH10	3 _	3	SP-SM	Brown, poorly graded cohesive, n	
М	>3,589		N	BH10	4 _	4			
М	>3,589		N	BH10	5 _	- _ 5 -			
М	>3,589		N	BH10	6 _	- _ 6 -	SP-SC	Red, poorly graded san	
D	246		N	PH10	7 _	- 7			<u> </u>
D	3,119		N	PH10	8 _	- 8 -	ССНЕ	Dry, no staining, White (non-cohesive,	
D	397		N	PH10	9	9 Total Dep	oth@ 9 f	eet bgs	
						- 3 p	2		
				-					

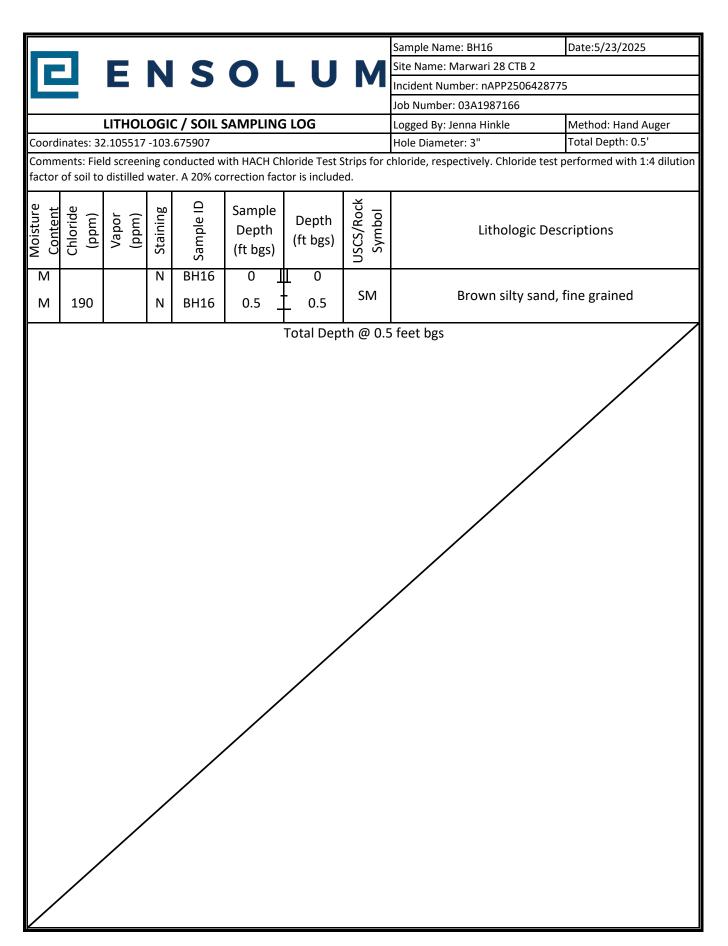


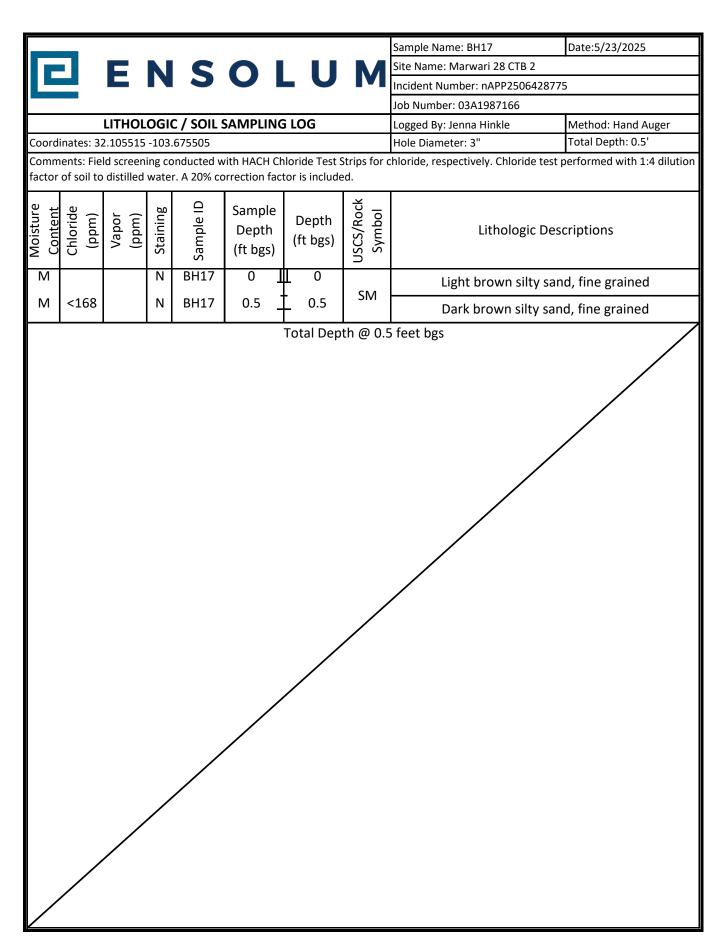


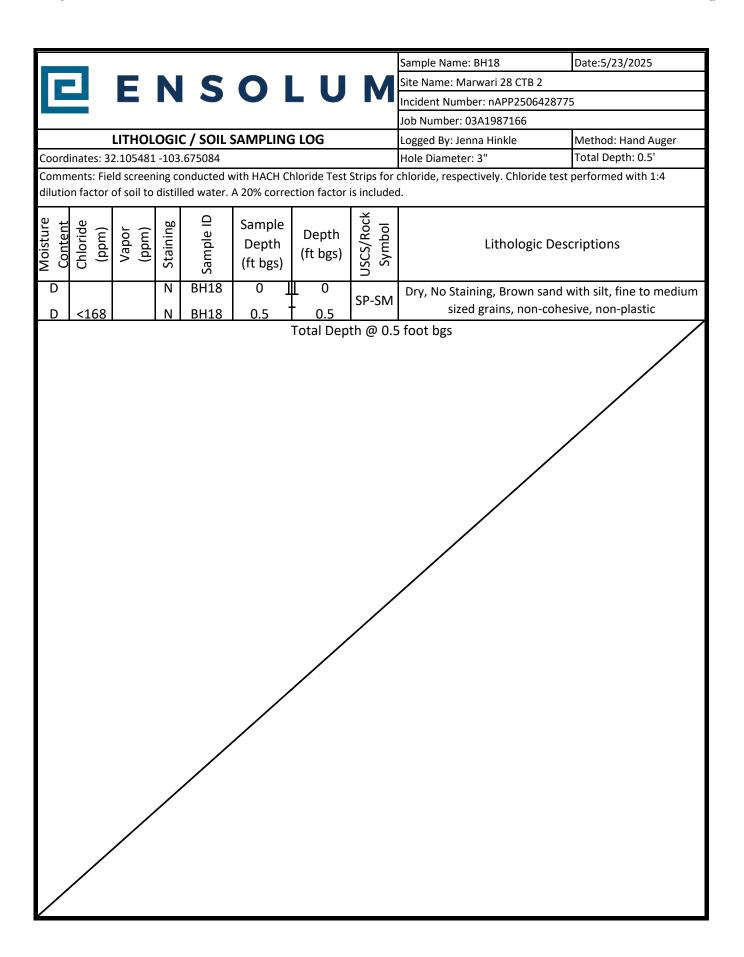


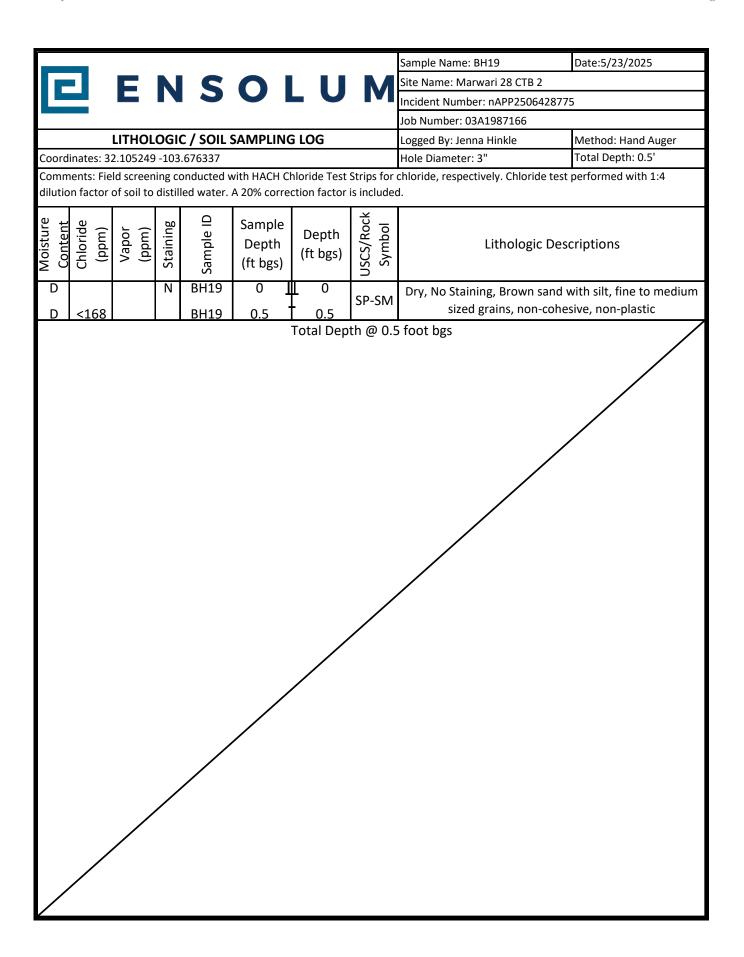


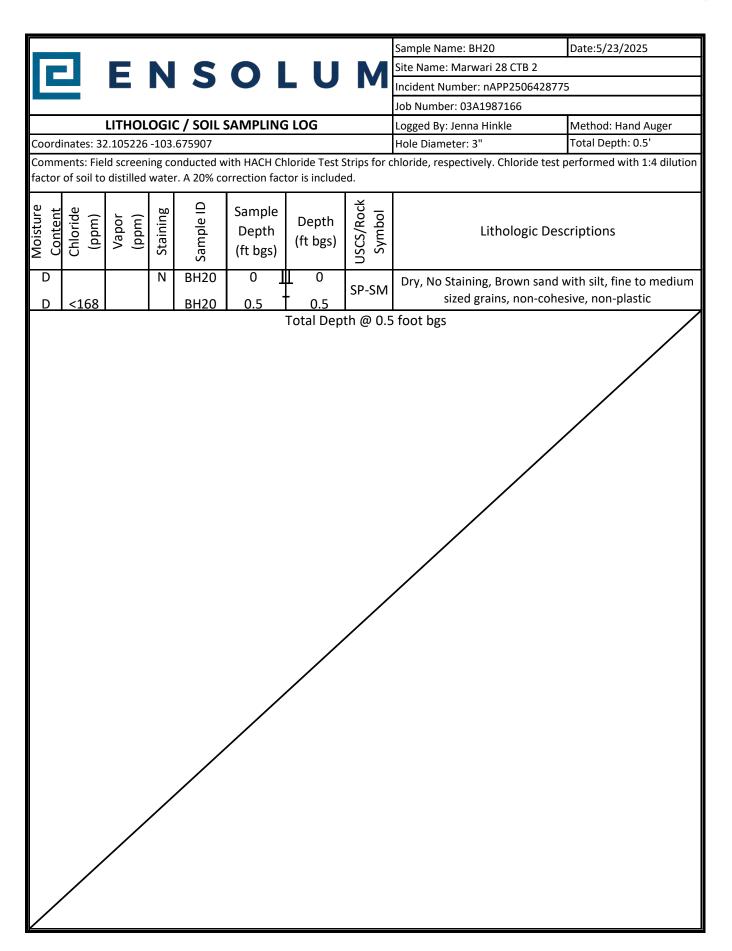


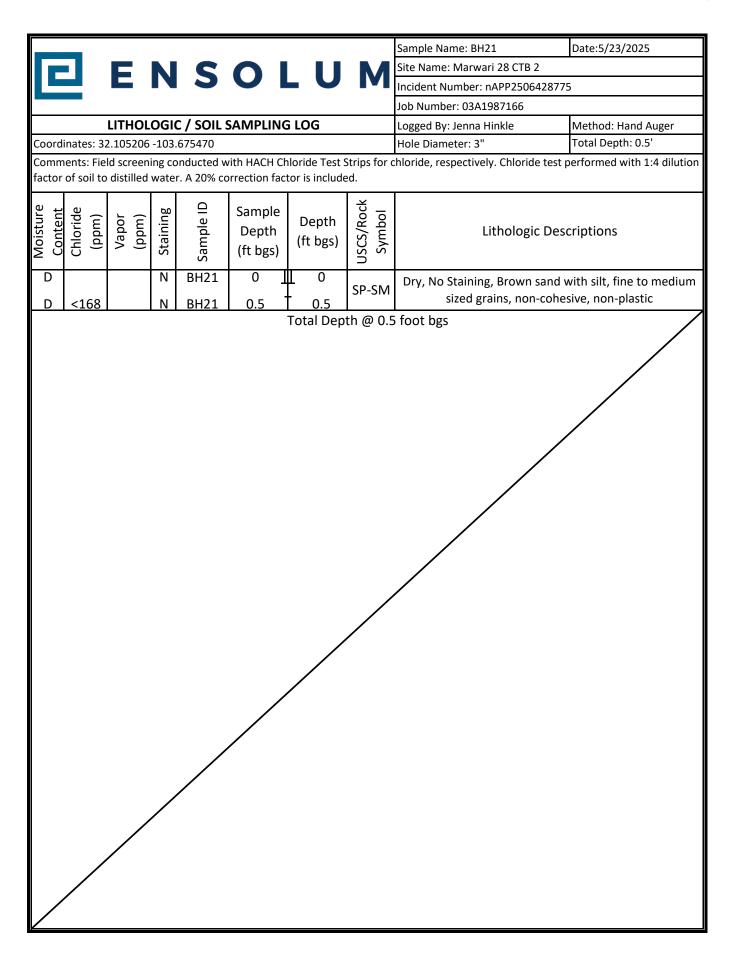


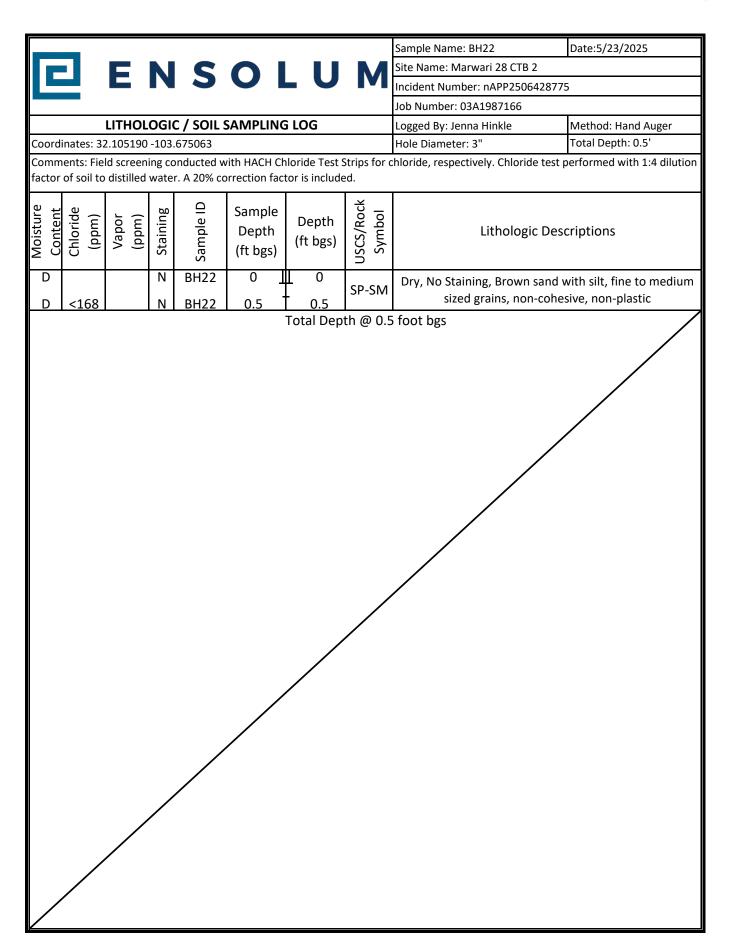


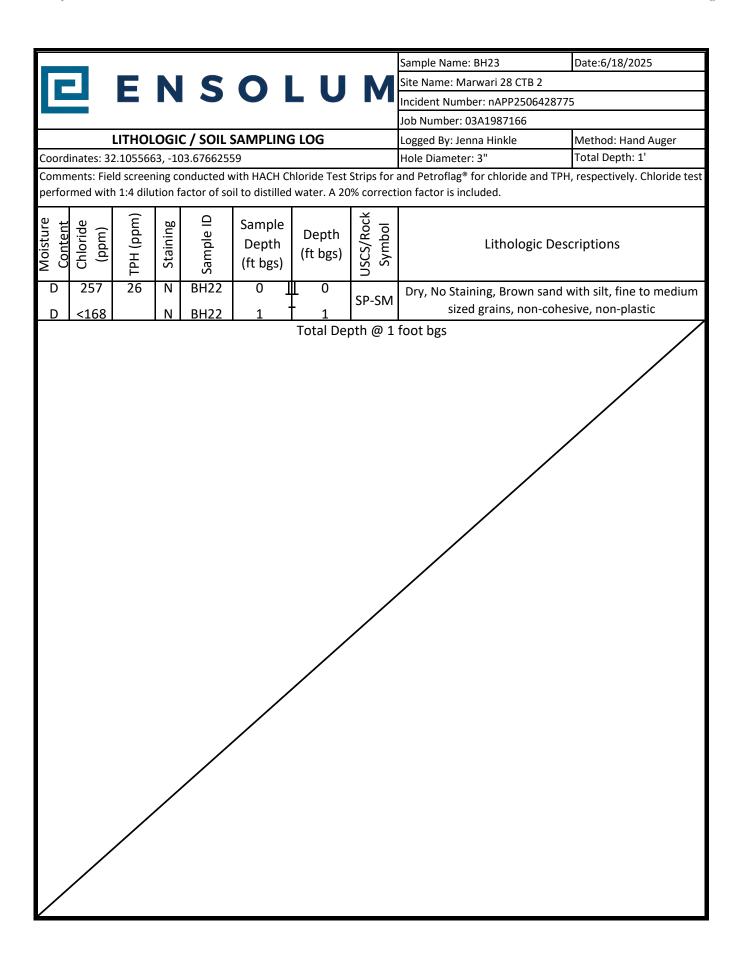














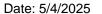
APPENDIX D

Photographic Log

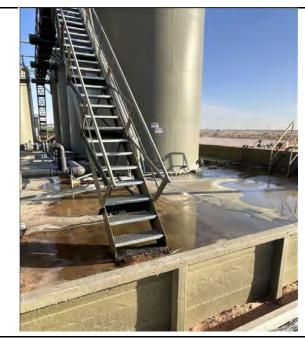


Devon Energy Production Company, LP Marwari 28 CTB 2 nAPP2506428775





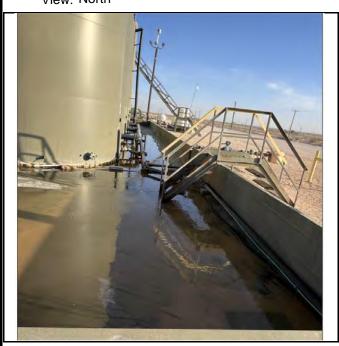
Description: Site sign View: North



Photograph 2 Date: 5/4/2025

Description: In containment spill area

View: Northeast



Photograph 3 Date: 5/4/2025

Description: In containment spill area

View: North



Photograph 4 Date: 5/4/2025

Description: On-pad spill area

View: Southeast



Devon Energy Production Company, LP Marwari 28 CTB 2 nAPP2506428775





Photograph 5 Date: 5/6/2025 Photograph 6 Date: 5/6/2025

Description: Spill area
View: Northwest

Description: Spill area
View: Southeast





Photograph 7 Date: 5/6/2025 Photograph 8 Date: 5/6/2025

Description: Spill area

View: Northeast

Description: Spill area

View: Southeast



Devon Energy Production Company, LP Marwari 28 CTB 2 nAPP2506428775





Photograph 9

Description: Delineation

View: North

Date: 5/20/2025

Photograph 10

Description: Delineation View: Norheast

Date: 5/20/2025





Photograph 11

Description: Delineation View: Southwest

Date: 5/20/2025

Photograph 12

Description: Delineation

View: Southwest

Date: 5/20/2025



Devon Energy Production Company, LP Marwari 28 CTB 2 nAPP2506428775





Photograph 13

Description: Hydro-vac lines
View: Southwest

Date: 8/4/2025

Date: 8/7/2025

Photograph 14

Description: Excavation

Date: 8/7/2025

View: North





Photograph 15

Description: Excavation

View: Northeast

Photograph 16

Description: Excavation

View: Southeast

Date: 8/8/2025



Devon Energy Production Company, LP Marwari 28 CTB 2 nAPP2506428775





Photograph 17

Description: Excavation View: West

Date: 8/8/2025

Photograph 18

View: Southeast

Date: 8/8/2025 **Description: Excavation**





Photograph 19

Description: Excavation View: Northwest

Date: 8/11/2025

Photograph 20

Description: Excavation

View: South

Date: 8/11/2025



Devon Energy Production Company, LP Marwari 28 CTB 2 nAPP2506428775





Photograph 21

Description: Excavation View: Southwest

Date: 8/12/2025

Photograph 22

Description: Excavation View: Southwest

Date: 8/12/2025





Photograph 23

Description: PH10 View: West Date: 8/12/2025

Photograph 24

Description: Excavation

View: East

Date: 8/13/2025



Devon Energy Production Company, LP Marwari 28 CTB 2 nAPP2506428775





Date: 8/13/2025

Date: 8/13/2025

Photograph 25

Description: PH02
View: Northwest

Date: 8/13/2025

Photograph 26

Description: Excavation

View: East





Photograph 27

Description: Excavation View: Northeast

Date: 8/13/2025

Photograph 28

Description: Excavation

View: North



Devon Energy Production Company, LP Marwari 28 CTB 2 nAPP2506428775





Photograph 29 Date: 8/19/2025

Description: Liner Inspection
View: Northeast

Photograph 30

Date: 8/19/2025

Date: 8/19/2025

Description: Liner Inspection

View: Northeast





Photograph 31

Description: Liner Inspection

View: Southeast

Photograph 32

notograph 32

Description: Liner Inspection

View: West

Date: 8/19/2025



APPENDIX E

Laboratory Analytical Reports & Chain-of-Custody Documentation

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Marwari 28 CTB 2

Work Order: E503078

Job Number: 01058-0007

Received: 3/13/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 3/19/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

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

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

Date Reported: 3/19/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Marwari 28 CTB 2

Workorder: E503078

Date Received: 3/13/2025 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/13/2025 8:00:00AM, under the Project Name: Marwari 28 CTB 2.

The analytical test results summarized in this report with the Project Name: Marwari 28 CTB 2 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Donoutoda
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	03/19/25 08:53

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS01-0'	E503078-01A	Soil	03/11/25	03/13/25	Glass Jar, 2 oz.
SS02-0'	E503078-02A	Soil	03/11/25	03/13/25	Glass Jar, 2 oz.
SS03-0'	E503078-03A	Soil	03/11/25	03/13/25	Glass Jar, 2 oz.
SS04-0'	E503078-04A	Soil	03/11/25	03/13/25	Glass Jar, 2 oz.
SS05-0'	E503078-05A	Soil	03/11/25	03/13/25	Glass Jar, 2 oz.
SS06-0'	E503078-06A	Soil	03/11/25	03/13/25	Glass Jar, 2 oz.
SS06-1'	E503078-07A	Soil	03/11/25	03/13/25	Glass Jar, 2 oz.
SS07-0'	E503078-08A	Soil	03/11/25	03/13/25	Glass Jar, 2 oz.
SS07-1'	E503078-09A	Soil	03/11/25	03/13/25	Glass Jar, 2 oz.
SS08-0'	E503078-10A	Soil	03/11/25	03/13/25	Glass Jar, 2 oz.
SS08-1'	E503078-11A	Soil	03/11/25	03/13/25	Glass Jar, 2 oz.
SS09-0'	E503078-12A	Soil	03/11/25	03/13/25	Glass Jar, 2 oz.
SS09-1'	E503078-13A	Soil	03/11/25	03/13/25	Glass Jar, 2 oz.
SS10-0'	E503078-14A	Soil	03/11/25	03/13/25	Glass Jar, 2 oz.
SS11-1'	E503078-15A	Soil	03/11/25	03/13/25	Glass Jar, 2 oz.
SS11-0'	E503078-16A	Soil	03/11/25	03/13/25	Glass Jar, 2 oz.
SS12-0'	E503078-17A	Soil	03/11/25	03/13/25	Glass Jar, 2 oz.
SS13-0'	E503078-18A	Soil	03/11/25	03/13/25	Glass Jar, 2 oz.
SS13-1'	E503078-19A	Soil	03/11/25	03/13/25	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/19/2025 8:53:28AM

SS01-0' E503078-01

		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	SL		Batch: 2511048
Benzene	ND	0.0250		1	03/13/25	03/14/25	
Ethylbenzene	ND	0.0250		1	03/13/25	03/14/25	
Toluene	ND	0.0250		1	03/13/25	03/14/25	
o-Xylene	ND	0.0250		1	03/13/25	03/14/25	
p,m-Xylene	ND	0.0500		1	03/13/25	03/14/25	
Total Xylenes	ND	0.0250		1	03/13/25	03/14/25	
Surrogate: Bromofluorobenzene		99.6 %	70-130		03/13/25	03/14/25	
Surrogate: 1,2-Dichloroethane-d4		94.3 %	70-130		03/13/25	03/14/25	
Surrogate: Toluene-d8		99.8 %	70-130		03/13/25	03/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	SL		Batch: 2511048
Gasoline Range Organics (C6-C10)	ND	20.0		1	03/13/25	03/14/25	
Surrogate: Bromofluorobenzene		99.6 %	70-130		03/13/25	03/14/25	
Surrogate: 1,2-Dichloroethane-d4		94.3 %	70-130		03/13/25	03/14/25	
Surrogate: Toluene-d8		99.8 %	70-130		03/13/25	03/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KH		Batch: 2511051
Diesel Range Organics (C10-C28)	ND	25.0		1	03/13/25	03/13/25	
Oil Range Organics (C28-C36)	ND	50.0		1	03/13/25	03/13/25	
Surrogate: n-Nonane		111 %	61-141		03/13/25	03/13/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2511059
Chloride	ND	100		5	03/13/25	03/13/25	



Devon Energy - CarlsbadProject Name:Marwari 28 CTB 26488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo3/19/2025 8:53:28AM

SS02-0'

		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	analyst: SL		Batch: 2511048
Benzene	ND	0.0250	1	03/13/25	03/14/25	
Ethylbenzene	ND	0.0250	1	03/13/25	03/14/25	
Toluene	ND	0.0250	1	03/13/25	03/14/25	
o-Xylene	ND	0.0250	1	03/13/25	03/14/25	
p,m-Xylene	ND	0.0500	1	03/13/25	03/14/25	
Total Xylenes	ND	0.0250	1	03/13/25	03/14/25	
Surrogate: Bromofluorobenzene		103 %	70-130	03/13/25	03/14/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	03/13/25	03/14/25	
Surrogate: Toluene-d8		106 %	70-130	03/13/25	03/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	analyst: SL		Batch: 2511048
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/13/25	03/14/25	
Surrogate: Bromofluorobenzene		103 %	70-130	03/13/25	03/14/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	03/13/25	03/14/25	
Surrogate: Toluene-d8		106 %	70-130	03/13/25	03/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	analyst: KH		Batch: 2511051
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/25	03/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/25	03/13/25	
Surrogate: n-Nonane		110 %	61-141	03/13/25	03/13/25	
	mg/kg	mg/kg	A	analyst: DT		Batch: 2511059
Anions by EPA 300.0/9056A	88	8 8				

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/19/2025 8:53:28AM

SS03-0'

		E503078-03					
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	SL		Batch: 2511048
Benzene	ND	0.0250	1	1	03/13/25	03/14/25	
Ethylbenzene	ND	0.0250	1	1	03/13/25	03/14/25	
Toluene	ND	0.0250	1	1	03/13/25	03/14/25	
o-Xylene	ND	0.0250	1	1	03/13/25	03/14/25	
p,m-Xylene	ND	0.0500	1	1	03/13/25	03/14/25	
Total Xylenes	ND	0.0250	1	1	03/13/25	03/14/25	
Surrogate: Bromofluorobenzene		102 %	70-130		03/13/25	03/14/25	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		03/13/25	03/14/25	
Surrogate: Toluene-d8		106 %	70-130		03/13/25	03/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	SL		Batch: 2511048
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	03/13/25	03/14/25	
Surrogate: Bromofluorobenzene		102 %	70-130		03/13/25	03/14/25	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		03/13/25	03/14/25	
Surrogate: Toluene-d8		106 %	70-130		03/13/25	03/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KH		Batch: 2511051
Diesel Range Organics (C10-C28)	ND	25.0	1	1	03/13/25	03/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	1	03/13/25	03/13/25	
Surrogate: n-Nonane		112 %	61-141		03/13/25	03/13/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2511059
Chloride	176	100	5		03/13/25	03/13/25	



Devon Energy - CarlsbadProject Name:Marwari 28 CTB 26488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo3/19/2025 8:53:28AM

SS04-0'

		Reporting					
Analyte	Result	Limit	Dilut	tion Pr	epared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: SL			Batch: 2511048
Benzene	ND	0.0250	1	03	3/13/25	03/14/25	
Ethylbenzene	ND	0.0250	1	03	3/13/25	03/14/25	
Toluene	ND	0.0250	1	03	3/13/25	03/14/25	
o-Xylene	ND	0.0250	1	03	3/13/25	03/14/25	
p,m-Xylene	ND	0.0500	1	03	3/13/25	03/14/25	
Total Xylenes	ND	0.0250	1	03	3/13/25	03/14/25	
Surrogate: Bromofluorobenzene		103 %	70-130	03	3/13/25	03/14/25	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130	03	3/13/25	03/14/25	
Surrogate: Toluene-d8		106 %	70-130	03	3/13/25	03/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	P	Analyst: SL			Batch: 2511048
Gasoline Range Organics (C6-C10)	ND	20.0	1	03	3/13/25	03/14/25	
Surrogate: Bromofluorobenzene		103 %	70-130	03	3/13/25	03/14/25	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130	03	3/13/25	03/14/25	
Surrogate: Toluene-d8		106 %	70-130	03	3/13/25	03/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KH			Batch: 2511051
Diesel Range Organics (C10-C28)	ND	25.0	1	03	3/13/25	03/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03	3/13/25	03/13/25	
Surrogate: n-Nonane		102 %	61-141	03	3/13/25	03/13/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT			Batch: 2511059
11110119 8 7 2111 2 0 0 10 7 7 0 2 0 1 1							



Devon Energy - CarlsbadProject Name:Marwari 28 CTB 26488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo3/19/2025 8:53:28AM

SS05-0'

		Reporting					
Analyte	Result	Limit	Dilut	tion F	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: SL			Batch: 2511048
Benzene	ND	0.0250	1	C	3/13/25	03/14/25	
Ethylbenzene	ND	0.0250	1	C	03/13/25	03/14/25	
Toluene	ND	0.0250	1	C	03/13/25	03/14/25	
o-Xylene	ND	0.0250	1	C	03/13/25	03/14/25	
p,m-Xylene	ND	0.0500	1	C	03/13/25	03/14/25	
Total Xylenes	ND	0.0250	1	C	03/13/25	03/14/25	
Surrogate: Bromofluorobenzene		104 %	70-130	- 0	03/13/25	03/14/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	6	03/13/25	03/14/25	
Surrogate: Toluene-d8		106 %	70-130	C	03/13/25	03/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: SL			Batch: 2511048
Gasoline Range Organics (C6-C10)	ND	20.0	1	C	03/13/25	03/14/25	
Surrogate: Bromofluorobenzene		104 %	70-130	a	03/13/25	03/14/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	0	03/13/25	03/14/25	
Surrogate: Toluene-d8		106 %	70-130	C	03/13/25	03/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KH			Batch: 2511051
Diesel Range Organics (C10-C28)	ND	25.0	1	C	03/13/25	03/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	C	03/13/25	03/13/25	
Surrogate: n-Nonane		104 %	61-141	a	03/13/25	03/13/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT			Batch: 2511059



Devon Energy - CarlsbadProject Name:Marwari 28 CTB 26488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo3/19/2025 8:53:28AM

SS06-0'

		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: SL		Batch: 2511048
Benzene	ND	0.0250	1	03/13/25	03/14/25	
Ethylbenzene	ND	0.0250	1	03/13/25	03/14/25	
Toluene	ND	0.0250	1	03/13/25	03/14/25	
o-Xylene	ND	0.0250	1	03/13/25	03/14/25	
p,m-Xylene	ND	0.0500	1	03/13/25	03/14/25	
Total Xylenes	ND	0.0250	1	03/13/25	03/14/25	
Surrogate: Bromofluorobenzene		101 %	70-130	03/13/25	03/14/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	03/13/25	03/14/25	
Surrogate: Toluene-d8		106 %	70-130	03/13/25	03/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg Analyst: SL				Batch: 2511048
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/13/25	03/14/25	
Surrogate: Bromofluorobenzene		101 %	70-130	03/13/25	03/14/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	03/13/25	03/14/25	
Surrogate: Toluene-d8		106 %	70-130	03/13/25	03/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		nalyst: KH		Batch: 2511051
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/25	03/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/25	03/13/25	
Surrogate: n-Nonane		103 %	61-141	03/13/25	03/13/25	
	mg/kg	mg/kg	A	nalyst: DT		Batch: 2511059
Anions by EPA 300.0/9056A	gg	8 8				



Devon Energy - CarlsbadProject Name:Marwari 28 CTB 26488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo3/19/2025 8:53:28AM

SS06-1'

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: SL			Batch: 2511048
Benzene	ND	0.0250	1		03/13/25	03/14/25	
Ethylbenzene	ND	0.0250	1		03/13/25	03/14/25	
Toluene	ND	0.0250	1		03/13/25	03/14/25	
o-Xylene	ND	0.0250	1		03/13/25	03/14/25	
p,m-Xylene	ND	0.0500	1		03/13/25	03/14/25	
Total Xylenes	ND	0.0250	1		03/13/25	03/14/25	
Surrogate: Bromofluorobenzene		103 %	70-130		03/13/25	03/14/25	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130		03/13/25	03/14/25	
Surrogate: Toluene-d8		108 %	70-130		03/13/25	03/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg Analyst: SL				Batch: 2511048	
Gasoline Range Organics (C6-C10)	ND	20.0	1		03/13/25	03/14/25	
Surrogate: Bromofluorobenzene		103 %	70-130		03/13/25	03/14/25	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130		03/13/25	03/14/25	
Surrogate: Toluene-d8		108 %	70-130		03/13/25	03/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: K	Н		Batch: 2511051
Diesel Range Organics (C10-C28)	ND	25.0	1		03/13/25	03/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1		03/13/25	03/13/25	
Surrogate: n-Nonane		103 %	61-141		03/13/25	03/13/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: D	T		Batch: 2511059
7 HII OH S D Y 12 17 1 5 0 0 : 0 / 5 0 5 0 7 1							



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/19/2025 8:53:28AM

SS07-0' E503078-08

		2000070 00				
Analyte	Result	Reporting Limit	Dilut	tion Prepar	red Analyzed	Notes
				1	zmaryzed	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: SL		Batch: 2511048
Benzene	ND	0.0250	1	03/13/	/25 03/14/25	
Ethylbenzene	ND	0.0250	1	03/13/	/25 03/14/25	
Toluene	ND	0.0250	1	03/13/	/25 03/14/25	
o-Xylene	ND	0.0250	1	03/13/	/25 03/14/25	
p,m-Xylene	ND	0.0500	1	03/13/	/25 03/14/25	
Total Xylenes	ND	0.0250	1	03/13/	/25 03/14/25	
Surrogate: Bromofluorobenzene		101 %	70-130	03/13/	/25 03/14/25	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130	03/13/	/25 03/14/25	
Surrogate: Toluene-d8		105 %	70-130	03/13/	/25 03/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: SL		Batch: 2511048
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/13/	/25 03/14/25	
Surrogate: Bromofluorobenzene		101 %	70-130	03/13/	/25 03/14/25	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130	03/13/	/25 03/14/25	
Surrogate: Toluene-d8		105 %	70-130	03/13/	/25 03/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KH		Batch: 2511051
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/	/25 03/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/	/25 03/13/25	
Surrogate: n-Nonane		101 %	61-141	03/13/	/25 03/13/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT		Batch: 2511059
Chloride	ND	20.0	1	03/13/	/25 03/13/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/19/2025 8:53:28AM

SS07-1' E503078-09

		E303070-07				
Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
· ·				Analyst: SL	Timaryzea	Batch: 2511048
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg			02/15/25	Batch: 2311048
Benzene	ND	0.0250	1	03/13/25	03/15/25	
Ethylbenzene	ND	0.0250	1	03/13/25	03/15/25	
Toluene	ND	0.0250	1	03/13/25	03/15/25	
o-Xylene	ND	0.0250	1	03/13/25	03/15/25	
p,m-Xylene	ND	0.0500	1	03/13/25	03/15/25	
Total Xylenes	ND	0.0250	1	03/13/25	03/15/25	
Surrogate: Bromofluorobenzene		104 %	70-130	03/13/25	03/15/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	03/13/25	03/15/25	
Surrogate: Toluene-d8		106 %	70-130	03/13/25	03/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: SL		Batch: 2511048
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/13/25	03/15/25	
Surrogate: Bromofluorobenzene		104 %	70-130	03/13/25	03/15/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	03/13/25	03/15/25	
Surrogate: Toluene-d8		106 %	70-130	03/13/25	03/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: KH		Batch: 2511051
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/25	03/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/25	03/13/25	
Surrogate: n-Nonane	·	104 %	61-141	03/13/25	03/13/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	Analyst: DT		Batch: 2511059
Chloride	ND	20.0	1	03/13/25	03/13/25	



Devon Energy - CarlsbadProject Name:Marwari 28 CTB 26488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo3/19/2025 8:53:28AM

SS08-0'

E503078-10

		Reporting					
Analyte	Result	Limit	Dilut	tion 1	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: SL			Batch: 2511048
Benzene	ND	0.0250	1	(03/13/25	03/15/25	
Ethylbenzene	ND	0.0250	1	(03/13/25	03/15/25	
Toluene	ND	0.0250	1	(03/13/25	03/15/25	
o-Xylene	ND	0.0250	1	(03/13/25	03/15/25	
p,m-Xylene	ND	0.0500	1	(03/13/25	03/15/25	
Total Xylenes	ND	0.0250	1	(03/13/25	03/15/25	
Surrogate: Bromofluorobenzene	·	102 %	70-130	-	03/13/25	03/15/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		03/13/25	03/15/25	
Surrogate: Toluene-d8		107 %	70-130	(03/13/25	03/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: SL			Batch: 2511048
Gasoline Range Organics (C6-C10)	ND	20.0	1	(03/13/25	03/15/25	
Surrogate: Bromofluorobenzene		102 %	70-130		03/13/25	03/15/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		03/13/25	03/15/25	
Surrogate: Toluene-d8		107 %	70-130		03/13/25	03/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KH			Batch: 2511051
Diesel Range Organics (C10-C28)	ND	25.0	1	(03/13/25	03/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	(03/13/25	03/13/25	
Surrogate: n-Nonane		102 %	61-141	(03/13/25	03/13/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT			Batch: 2511059
Amons by ETA 500.0/7030A							



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/19/2025 8:53:28AM

SS08-1'

E503078-	1	1

		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: SL		Batch: 2511048
Benzene	ND	0.0250		1	03/13/25	03/15/25	
Ethylbenzene	ND	0.0250		1	03/13/25	03/15/25	
Toluene	ND	0.0250		1	03/13/25	03/15/25	
o-Xylene	ND	0.0250		1	03/13/25	03/15/25	
p,m-Xylene	ND	0.0500		1	03/13/25	03/15/25	
Total Xylenes	ND	0.0250		1	03/13/25	03/15/25	
Surrogate: Bromofluorobenzene		102 %	70-130		03/13/25	03/15/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		03/13/25	03/15/25	
Surrogate: Toluene-d8		108 %	70-130		03/13/25	03/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: SL		Batch: 2511048
Gasoline Range Organics (C6-C10)	ND	20.0		1	03/13/25	03/15/25	
Surrogate: Bromofluorobenzene		102 %	70-130		03/13/25	03/15/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		03/13/25	03/15/25	
Surrogate: Toluene-d8		108 %	70-130		03/13/25	03/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: KH		Batch: 2511051
Diesel Range Organics (C10-C28)	ND	25.0		1	03/13/25	03/13/25	
Oil Range Organics (C28-C36)	ND	50.0		1	03/13/25	03/13/25	
Surrogate: n-Nonane		104 %	61-141		03/13/25	03/13/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: DT		Batch: 2511059
						03/13/25	

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/19/2025 8:53:28AM

SS09-0'

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		Reporting					
Analyte	Result	Limit	Dilut	tion Pre	pared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: SL			Batch: 2511048
Benzene	ND	0.0250	1	03/	13/25	03/15/25	
Ethylbenzene	ND	0.0250	1	03/	13/25	03/15/25	
Toluene	ND	0.0250	1	03/	13/25	03/15/25	
o-Xylene	ND	0.0250	1	03/	13/25	03/15/25	
p,m-Xylene	ND	0.0500	1	03/	13/25	03/15/25	
Total Xylenes	ND	0.0250	1	03/	13/25	03/15/25	
Surrogate: Bromofluorobenzene		101 %	70-130	03/	13/25	03/15/25	
Surrogate: 1,2-Dichloroethane-d4		98.5 %	70-130	03/	13/25	03/15/25	
Surrogate: Toluene-d8		106 %	70-130	03/	13/25	03/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	P	Analyst: SL			Batch: 2511048
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/	13/25	03/15/25	
Surrogate: Bromofluorobenzene		101 %	70-130	03/	13/25	03/15/25	
Surrogate: 1,2-Dichloroethane-d4		98.5 %	70-130	03/	13/25	03/15/25	
Surrogate: Toluene-d8		106 %	70-130	03/	13/25	03/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KH			Batch: 2511051
Diesel Range Organics (C10-C28)	ND	25.0	1	03/	13/25	03/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/	13/25	03/13/25	
Surrogate: n-Nonane		102 %	61-141	03/	13/25	03/13/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT			Batch: 2511059
11110115 0 7 23111 0 0 0 10 7 7 0 0 0 1 1							



Devon Energy - CarlsbadProject Name:Marwari 28 CTB 26488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo3/19/2025 8:53:28AM

SS09-1'

E503078-13

		Reporting					
Analyte	Result	Limit	Dilut	tion Prep	pared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: SL			Batch: 2511048
Benzene	ND	0.0250	1	03/1	3/25	03/15/25	
Ethylbenzene	ND	0.0250	1	03/1	3/25	03/15/25	
Toluene	ND	0.0250	1	03/1	3/25	03/15/25	
o-Xylene	ND	0.0250	1	03/1	3/25	03/15/25	
p,m-Xylene	ND	0.0500	1	03/1	3/25	03/15/25	
Total Xylenes	ND	0.0250	1	03/1	3/25	03/15/25	
Surrogate: Bromofluorobenzene		101 %	70-130	03/1	3/25	03/15/25	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130	03/1	3/25	03/15/25	
Surrogate: Toluene-d8		106 %	70-130	03/1	3/25	03/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	P	Analyst: SL			Batch: 2511048
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/1	3/25	03/15/25	
Surrogate: Bromofluorobenzene		101 %	70-130	03/1	3/25	03/15/25	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130	03/1	3/25	03/15/25	
Surrogate: Toluene-d8		106 %	70-130	03/1	3/25	03/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KH			Batch: 2511051
Diesel Range Organics (C10-C28)	ND	25.0	1	03/1	3/25	03/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/1	3/25	03/13/25	
Surrogate: n-Nonane		103 %	61-141	03/1	3/25	03/13/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT			Batch: 2511059
11110119 8 7 22112 0 0 0 0 0 1 2							



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/19/2025 8:53:28AM

SS10-0'

Analyte	Result	Limit	Dilut	tion P	repared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	Analyst: SL			Batch: 2511048
Benzene	ND	0.0250	1	0:	3/13/25	03/15/25	
Ethylbenzene	ND	0.0250	1	0.	3/13/25	03/15/25	
Toluene	ND	0.0250	1	0.	3/13/25	03/15/25	
o-Xylene	ND	0.0250	1	0:	3/13/25	03/15/25	
p,m-Xylene	ND	0.0500	1	03	3/13/25	03/15/25	
Total Xylenes	ND	0.0250	1	0:	3/13/25	03/15/25	
Surrogate: Bromofluorobenzene		104 %	70-130	0.	3/13/25	03/15/25	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130	0.	3/13/25	03/15/25	
Surrogate: Toluene-d8		107 %	70-130	0.	3/13/25	03/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: SL			Batch: 2511048
Gasoline Range Organics (C6-C10)	ND	20.0	1	0:	3/13/25	03/15/25	
Surrogate: Bromofluorobenzene		104 %	70-130	0.	3/13/25	03/15/25	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130	0.	3/13/25	03/15/25	
Surrogate: Toluene-d8		107 %	70-130	0.	3/13/25	03/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: KH			Batch: 2511051
Diesel Range Organics (C10-C28)	ND	25.0	1	0:	3/13/25	03/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	0:	3/13/25	03/13/25	
Surrogate: n-Nonane		103 %	61-141	0.	3/13/25	03/13/25	

mg/kg

20.0

Analyst: DT

03/13/25

03/13/25

mg/kg

ND

Batch: 2511059

Anions by EPA 300.0/9056A

Chloride

Devon Energy - CarlsbadProject Name:Marwari 28 CTB 26488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo3/19/2025 8:53:28AM

SS11-1'

E503078-15

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst:	SL		Batch: 2511048
Benzene	ND	0.0250	1		03/13/25	03/15/25	
Ethylbenzene	ND	0.0250	1		03/13/25	03/15/25	
Toluene	ND	0.0250	1		03/13/25	03/15/25	
o-Xylene	ND	0.0250	1		03/13/25	03/15/25	
p,m-Xylene	ND	0.0500	1		03/13/25	03/15/25	
Total Xylenes	ND	0.0250	1		03/13/25	03/15/25	
Surrogate: Bromofluorobenzene		102 %	70-130		03/13/25	03/15/25	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		03/13/25	03/15/25	
Surrogate: Toluene-d8		106 %	70-130		03/13/25	03/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst:	SL		Batch: 2511048
Gasoline Range Organics (C6-C10)	ND	20.0	1		03/13/25	03/15/25	
Surrogate: Bromofluorobenzene		102 %	70-130		03/13/25	03/15/25	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		03/13/25	03/15/25	
Surrogate: Toluene-d8		106 %	70-130		03/13/25	03/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst:	KH		Batch: 2511051
Diesel Range Organics (C10-C28)	ND	25.0	1		03/13/25	03/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1		03/13/25	03/13/25	
Surrogate: n-Nonane		101 %	61-141		03/13/25	03/13/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst:	DT		Batch: 2511059



Devon Energy - CarlsbadProject Name:Marwari 28 CTB 26488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo3/19/2025 8:53:28AM

SS11-0'

E503078-16

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	Analyst: SL		Batch: 2511048
Benzene	ND	0.0250	1	03/13/25	03/14/25	
Ethylbenzene	ND	0.0250	1	03/13/25	03/14/25	
Toluene	ND	0.0250	1	03/13/25	03/14/25	
o-Xylene	ND	0.0250	1	03/13/25	03/14/25	
p,m-Xylene	ND	0.0500	1	03/13/25	03/14/25	
Total Xylenes	ND	0.0250	1	03/13/25	03/14/25	
Surrogate: Bromofluorobenzene		96.8 %	70-130	03/13/25	03/14/25	
Surrogate: 1,2-Dichloroethane-d4		95.2 %	70-130	03/13/25	03/14/25	
Surrogate: Toluene-d8		102 %	70-130	03/13/25	03/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: SL		Batch: 2511048
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/13/25	03/14/25	
Surrogate: Bromofluorobenzene		96.8 %	70-130	03/13/25	03/14/25	
Surrogate: 1,2-Dichloroethane-d4		95.2 %	70-130	03/13/25	03/14/25	
Surrogate: Toluene-d8		102 %	70-130	03/13/25	03/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: KH		Batch: 2511051
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/25	03/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/25	03/13/25	
Surrogate: n-Nonane		100 %	61-141	03/13/25	03/13/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	Analyst: DT		Batch: 2511059
Allions by EFA 500.0/9030A						



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/19/2025 8:53:28AM

SS12-0'

		E503078-17					
		Reporting	Reporting				
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: SL		Batch: 2511048
Benzene	ND	0.0250		1	03/13/25	03/15/25	
Ethylbenzene	ND	0.0250		1	03/13/25	03/15/25	
Toluene	ND	0.0250		1	03/13/25	03/15/25	
o-Xylene	ND	0.0250		1	03/13/25	03/15/25	
p,m-Xylene	ND	0.0500		1	03/13/25	03/15/25	
Total Xylenes	ND	0.0250		1	03/13/25	03/15/25	
Surrogate: Bromofluorobenzene		100 %	70-130		03/13/25	03/15/25	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130		03/13/25	03/15/25	
Surrogate: Toluene-d8		105 %	70-130		03/13/25	03/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: SL		Batch: 2511048
Gasoline Range Organics (C6-C10)	ND	20.0		1	03/13/25	03/15/25	
Surrogate: Bromofluorobenzene		100 %	70-130		03/13/25	03/15/25	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130		03/13/25	03/15/25	
Surrogate: Toluene-d8		105 %	70-130		03/13/25	03/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KH		Batch: 2511051
Diesel Range Organics (C10-C28)	ND	25.0	-	1	03/13/25	03/13/25	
Oil Range Organics (C28-C36)	ND	50.0		1	03/13/25	03/13/25	
Surrogate: n-Nonane		109 %	61-141		03/13/25	03/13/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2511059
Chloride	ND	20.0		1	03/13/25	03/14/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/19/2025 8:53:28AM

SS13-0'

		E503078-18				
		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	analyst: SL		Batch: 2511048
Benzene	ND	0.0250	1	03/13/25	03/15/25	
Ethylbenzene	ND	0.0250	1	03/13/25	03/15/25	
Toluene	ND	0.0250	1	03/13/25	03/15/25	
o-Xylene	ND	0.0250	1	03/13/25	03/15/25	
p,m-Xylene	ND	0.0500	1	03/13/25	03/15/25	
Total Xylenes	ND	0.0250	1	03/13/25	03/15/25	
Surrogate: Bromofluorobenzene		103 %	70-130	03/13/25	03/15/25	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130	03/13/25	03/15/25	
Surrogate: Toluene-d8		106 %	70-130	03/13/25	03/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	analyst: SL		Batch: 2511048
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/13/25	03/15/25	
Surrogate: Bromofluorobenzene		103 %	70-130	03/13/25	03/15/25	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130	03/13/25	03/15/25	
Surrogate: Toluene-d8		106 %	70-130	03/13/25	03/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	analyst: KH		Batch: 2511051
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/25	03/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/25	03/14/25	
Surrogate: n-Nonane		105 %	61-141	03/13/25	03/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Δ	analyst: DT		Batch: 2511059
Anions by EPA 300.0/9056A	mg/kg	mg/kg		11141750. 15 1		Batell. 2311037



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/19/2025 8:53:28AM

SS13-1' E503078-19

		2000070 17					
Analyte	Result	Reporting Limit	Dilut	tion Pr	epared	Analyzed	Notes
	mg/kg	mg/kg		Analyst: SL	-1	1 11111, 200	Batch: 2511048
Volatile Organic Compounds by EPA 8260B			1		/13/25	03/15/25	Batch. 2311048
Benzene	ND	0.0250	1		/13/25	03/15/25	
Ethylbenzene	ND	0.0250	1				
Toluene	ND	0.0250	1		/13/25	03/15/25	
o-Xylene	ND	0.0250	1		/13/25	03/15/25	
p,m-Xylene	ND	0.0500	1		/13/25	03/15/25	
Total Xylenes	ND	0.0250	1	03	/13/25	03/15/25	
Surrogate: Bromofluorobenzene		103 %	70-130	03	/13/25	03/15/25	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130	03	/13/25	03/15/25	
Surrogate: Toluene-d8		107 %	70-130	03	/13/25	03/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg Analyst: SL		Batch: 2511048			
Gasoline Range Organics (C6-C10)	ND	20.0	1	03	/13/25	03/15/25	
Surrogate: Bromofluorobenzene		103 %	70-130	03	/13/25	03/15/25	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130	03	/13/25	03/15/25	
Surrogate: Toluene-d8		107 %	70-130	03	/13/25	03/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KH			Batch: 2511051
Diesel Range Organics (C10-C28)	ND	25.0	1	03	/13/25	03/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03	/13/25	03/14/25	
Surrogate: n-Nonane		99.7 %	61-141	03	/13/25	03/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT			Batch: 2511059
Chloride	ND	20.0	1	03	/13/25	03/14/25	



Devon Energy - Carlsbad Marwari 28 CTB 2 Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Ashley Giovengo 3/19/2025 8:53:28AM **Volatile Organic Compounds by EPA 8260B** Analyst: SL Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2511048-BLK1) Prepared: 03/13/25 Analyzed: 03/14/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 ND 0.0250 Total Xylenes Surrogate: Bromofluorobenzene 0.443 0.500 88.6 70-130 Surrogate: 1,2-Dichloroethane-d4 0.439 0.500 87.8 70-130 0.500 92.7 70-130 Surrogate: Toluene-d8 0.464 LCS (2511048-BS1) Prepared: 03/13/25 Analyzed: 03/14/25 2.15 0.0250 2.50 86.1 70-130 Benzene 2.50 91.9 70-130 2.30 Ethylbenzene 0.0250 2.36 0.0250 2.50 94.4 70-130 94.0 70-130 2.35 0.0250 2.50 o-Xylene 98.1 4.90 5.00 70-130 p,m-Xylene 0.0500 7.25 0.0250 7.50 96.7 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.508 0.500 102 70-130 0.500 102 70-130 Surrogate: 1,2-Dichloroethane-d4 0.511 70-130 Surrogate: Toluene-d8 0.514 0.500 Matrix Spike (2511048-MS1) Source: E503078-16 Prepared: 03/13/25 Analyzed: 03/14/25 1.99 0.0250 2.50 ND 79.5 48-131 45-135 Ethylbenzene 2.11 0.0250 2.50 ND 84.4 48-130 Toluene 2.19 0.0250 2.50 ND 87.6 2.20 0.0250 2.50 ND 88.0 43-135 o-Xylene ND 91.6 43-135 p,m-Xylene 4.58 0.0500 5.00 Total Xylenes 6.78 0.0250 7.50 ND 90.4 43-135 97.5 0.488 0.500 70-130 Surrogate: Bromofluorobenzene 0.498 0.500 99.5 70-130 Surrogate: 1,2-Dichloroethane-d4 0.500 70-130 0.504 Surrogate: Toluene-d8 Matrix Spike Dup (2511048-MSD1) Source: E503078-16 Prepared: 03/13/25 Analyzed: 03/14/25 2.01 0.0250 2.50 ND 80.5 48-131 1.25 23 2.16 0.0250 2.50 ND 86.4 45-135 2.34 27 Ethylbenzene

ND

ND

ND

ND

2.50

2.50

5.00

7.50

0.500

0.500

0.500

0.0250

0.0250

0.0500

0.0250

90.1

89.7

92.5

91.6

100

102

105

48-130

43-135

43-135

43-135

70-130

70-130

70-130

2.77

1.89

1.01

1.30

24

27

27

27



Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: Toluene-d8

Surrogate: Bromofluorobenzene

Surrogate: 1,2-Dichloroethane-d4

2.25

2.24

4.63

6.87

0.502

0.508

0.525

Devon Energy - CarlsbadProject Name:Marwari 28 CTB 2Reported:6488 7 Rivers HwyProject Number:01058-0007Artesia NM, 88210Project Manager:Ashley Giovengo3/19/20258:53:28AM

M. J. J	^ · · · · · · · · · · · · · · · · · · ·	L EDA	0015D	CDO
Nonhalogenated	Organics	DV EPA	80151) -	CTKO

Analyst: SL

Analyte	Result	Reporting Result Limit	Spike Level	Result	Rec	Rec Limits	its RPD	RPD Limit %	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%			
Blank (2511048-BLK1)							Prepared: 0	3/13/25 Analy	zed: 03/14/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.443		0.500		88.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.439		0.500		87.8	70-130			
Surrogate: Toluene-d8	0.464		0.500		92.7	70-130			
LCS (2511048-BS2)							Prepared: 0	3/13/25 Analy	zed: 03/14/25
Gasoline Range Organics (C6-C10)	50.0	20.0	50.0		100	70-130			
Surrogate: Bromofluorobenzene	0.481		0.500		96.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.475		0.500		94.9	70-130			
Surrogate: Toluene-d8	0.508		0.500		102	70-130			

Matrix Spike (2511048-MS2)				Source:	E503078-	16	Prepared: 03/13/25 Analyzed: 03/14/25
Gasoline Range Organics (C6-C10)	49.8	20.0	50.0	ND	99.5	70-130	
Surrogate: Bromofluorobenzene	0.516		0.500		103	70-130	
Surrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.6	70-130	
Surrogate: Toluene-d8	0.525		0.500		105	70-130	

Matrix Spike Dup (2511048-MSD2)				Source:	E503078-	16	Prepared: 03/13/25 Analyzed: 03/14					
Gasoline Range Organics (C6-C10)	53.4	20.0	50.0	ND	107	70-130	7.10	20				
Surrogate: Bromofluorobenzene	0.521		0.500		104	70-130						
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.5	70-130						
Surrogate: Toluene-d8	0.534		0.500		107	70-130						



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/19/2025 8:53:28AM

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go				3/19/2025 8:53:28AI				
Nonhalogenated Organics by EPA 8015D - DRO/ORO Analyst: KH													
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit					
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes				
Blank (2511051-BLK1)							Prepared: 0	3/13/25 A1	nalyzed: 03/13/25				
Diesel Range Organics (C10-C28)	ND	25.0											
Dil Range Organics (C28-C36)	ND	50.0											
urrogate: n-Nonane	49.2		50.0		98.4	61-141							
LCS (2511051-BS1)							Prepared: 0	3/13/25 Aı	nalyzed: 03/13/25				
Diesel Range Organics (C10-C28)	220	25.0	250		87.8	66-144							
Gurrogate: n-Nonane	51.7		50.0		103	61-141							
Matrix Spike (2511051-MS1)				Source:	E503078-0	07	Prepared: 0	3/13/25 Aı	nalyzed: 03/13/25				
Diesel Range Organics (C10-C28)	220	25.0	250	ND	88.0	56-156							
urrogate: n-Nonane	51.4		50.0		103	61-141							
Matrix Spike Dup (2511051-MSD1)				Source:	E503078-0	07	Prepared: 0	3/13/25 Aı	nalyzed: 03/13/25				
Diesel Range Organics (C10-C28)	225	25.0	250	ND	89.8	56-156	2.05	20					
Gurrogate: n-Nonane	51.5		50.0		103	61-141							



Chloride

Chloride

Matrix Spike Dup (2511059-MSD1)

M6

M6

Prepared: 03/13/25 Analyzed: 03/13/25

20

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:	[arwari 28 CT] 1058-0007				Reported:					
Artesia NM, 88210		Project Manager		shley Gioveng	go			3/19/2025 8:53:28AM				
		Anions	by EPA 3	300.0/9056 <i>A</i>	\				Analyst: DT			
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes			
Blank (2511059-BLK1)							Prepared: 0	3/13/25 An	alyzed: 03/13/25			
Chloride	ND	20.0										
LCS (2511059-BS1)							Prepared: 0	3/13/25 An	alyzed: 03/13/25			
Chloride	258	20.0	250		103	90-110						
Matrix Spike (2511059-MS1)				Source:	E503078-	05	Prepared: 0	3/13/25 An	alyzed: 03/13/25			

250

250

100

100

ND

ND

122

124

Source: E503078-05

80-120

80-120

1.11

306

309

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

	Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
١	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
١	Artesia NM, 88210	Project Manager:	Ashley Giovengo	03/19/25 08:53

M6 Matrix spike recovery has a high bias. The native sample results were below the RL, but appears to have contributed to high MS

recoveries.

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	Custod	v
Cilaiii	v.	Custou	y

W0#21530990

Page _	<u>i</u> _	of _	<u>2</u>
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Client Information Invoice Information Lab Use Only											TA	λ Τ		State						
Client: D	evon					Company: Devon Energy L			Lab WO# Job Number							1D 2D 3D Std				NM CO UT TX
	Marwar			<u>し_</u>					<u>50:</u>	<u> 30 -</u>	1 8_	0109	38- 6	<u> </u>	} [х	x
Project N	Manager: As	<u>hley Giov</u>	engo		! !	City, State, Zip: Carlsbad NM, 882	20	_ [
	3122 Natio				P	hone: (575)689-7597						Ana	lysis	and	Meth	hod				EPA Program
	e, Zip: Carls		88220		—	Email: jim.raley@dvn.com							1							SDWA CWA RCRA
	575-988-005 <u></u>				^	1iscellaneous: Jim Raley				l	i '									
Email: a	giovengo@e	<u>nsolum.c</u>	om		L					8015										Compliance Y or N
											tals				PWSID#					
				Sam	ple Informa	ition	h :	Lab	-	8	8	y 82	de 3(ر ا د	8	8 Me				Remarks
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID	Field	Lab Numbe	DRO/ORO by 8015	GRO/DRO by	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				nellidi KS
1104	3/11/25	Suil	1		<u> </u>	5501-01		١						+						
\$ 0/J						02-0'		2						4						
1019						03-0'		3						+						
1027						04-0'		4						+						
1116					_	05-0'		5						7						
rur						06-0,		6						1						
1438						06-1'		7						1						
1245						07-0`		8						4						
1444						67-1'		9						X						
1252		1	1			68-0'		(0)						X						
						m, agiovengo@ensolum.com, jim	.raley	@dvn.co	om, ie	estrel	la@e	nsol	um.c	om,	chan	nilto	n@e	nsol	um.c	om,
						ir Rensolum .com														
1	pler), attest to the : _ Jenna Hinkle_	e validity and	authentic	ty of this samp	le. I am aware t	that tampering with or intentionally mislabelin	-	mple locatio	on, date	or tim	e of co	llection	is cor	nsidere	d frauc	d and i	may be	e groui	nds for	legal action.
	ed by: (Signatu		Dat	MINE	Time	Received by: (Signature)	Date	12 20	Time							_	-			ist be received on ice the day they are g temp above 0 but less than 6 °C on
'denn	a thank	€		11125																
Reliectish	Kellsiensch	Enzal		-12-25	1545		Jonafey 3-12-25 1545 Received on ice: (8)/ N						-							
Zich	ed by: (Menatur	k) onafej) Dat	·R-25	7145	Received by: (Signature)	Date 3	13-25	Time	300	<u> </u>			<u>T1</u> _			_	<u>T2</u>		<u>T3</u>
Relinquished by: (Signature) Date Time						Received by: (Signature)	Date		Time					AVG	Tem	ıp °C				
	trix: S - Soil, Sd - S							tainer Ty						c, ag	- amb	er gl	ass, v	/ - VO		
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.																				





WO# 21530990

	Client Information							Invoice Information			Lab Use Only							TAT					Stat	е
	Client: [A (N-				Company: Devon Energy		Lab	WO	#	_		Num		_	1D	2D	3D S	d	NM	CO UT	TX
	Project:					<u>·</u>		Address: 5315 Buena Vista Dr		<u>ــ اِد'</u>	<u>50</u> 2	30 1	8	010	<u>58</u> -	-00	5 . →			x		х		
	Project N Address:							<u>City, State, Zip: Carlsbad NM, 882</u> Phone: (575)689-7597	20	-	Analys						Mat	hod				EPA Program		
	City, Stat					<u> </u>		Email: iim.ralev@dvn.com		—		Γ		Alla	19313	anu	IVIEL	liou			+	OWA	CWA	RCRA
	Phone:				-			Aiscellaneous: Jim Raley		_											Ť			11011
	Email: a	gioven	go@e	nsolum.c	om						2	15									Co	mplian	ce Y	or N
											8 8	y 80	17	٥	9	5	אַ	tafs			PV	VSID#		
		_			т		nple Informa	ation	L	1-6	ğ	280 t	× 80	y 826	g 30	ż	900	8 Me			1		Damadu	
	Time Sampled	Date S	ampled	Matrix	No. Contai			Sample ID	Field	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					Remarks	1
	1451	3/11	125	Soil	<u>'</u>			5508-1'		11						+								
	1257							09-0'		12						+								_
	1459							09-11		13						F								
	1302							10-0'		14						+								
BM	130G						11-1'	11-1'		15						*								
1306	中							16						+										
	1310							12-01		17						X								
	1314							13-0'		18						1								
	1525)	1)	,	13-11		19						+								
						: cburton@ @ensolum.c		m, agiovengo@ensolum.com, jim	.raley	@dvn.co	m, ie	strei	la@d	ensol	um.c	om,	chan	nilto	n@e	nsolun	.com	,		
	l · •			e validity an	d auther	ticity of this sar	nple. I am aware	that tampering with or intentionally mislabelin	g the sar	nple location	n, date	or time	e of co	lectio	n is co	sidere	d frau	d and	may be	grounds	for lega	l action.		
	Sampled by Relinguish			re)		Date	Time	Peceived hys/fignature)	Date		Time			1		Sample	es reaul	iring the	ermal pi	reservation	must be	received	on ice the da	v they are
			MA			3/12/25		received by (fignature) Vichelle Gonzales	3-	W.25		6 4	5			sample		ceived					but less than	
				Boza	les	3-12-25	Time 1545	Received by: (Signature)	Date	12-25)\$	45					eived		ce:	Lab (Y)	Use C N	nly		
,	Agimuish Lich	ed by: (Signatul 1	gi onafe		Date 3-12-25	Time 2/45	Received by: (Signature)	Date 3-1	3-25	Time	300)			<u>T1_</u>			_	<u>T2</u>			<u>T3</u>	
	Relinquish	ed by: (Signatu	re)		Date	Time	Received by: (Signature)	Date		Time					AVG	i Tem	np °C	_4					
						Aqueous, O - O						ontainer Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA												
								her arrangements are made. Hazardous si vith this COC. The liability of the laborator									e clien	it exp	ense.	The repo	rt for 1	he ana	ysis of the	above



envirotech Inc.

Printed: 3/13/2025 10:03:47AM

Envirotech Analytical Laboratory

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:	Devon Energy - Carlsbad	Date Received:	03/13/25	08:00	Work O	rder ID:	E503078
Phone:	(505) 382-1211	Date Logged In:	03/12/25	15:01	Logged	In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	03/19/25	17:00 (4 day TAT)		•	
Chain of	Custody (COC)						
	e sample ID match the COC?		Yes				
	e number of samples per sampling site location ma	tch the COC	Yes				
	imples dropped off by client or carrier?		Yes	Carrier: Cor	<u>urier</u>		
4. Was the	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes				
5. Were al	I samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssi	•	Yes		<u>C</u>	Comments	s/Resolution
Sample T	urn Around Time (TAT)			Г			
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C	<u>looler</u>						
7. Was a s	ample cooler received?		Yes				
8. If yes, v	was cooler received in good condition?		Yes				
9. Was the	e 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	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes				
Sample C			_				
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers'	9	Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field Lab	· · · · · · · · · · · · · · · · · · ·	ners concerca.	105				
	field sample labels filled out with the minimum info	ormation.					
	imple ID?	mation.	Yes				
	ate/Time Collected?		Yes	L			
Co	ollectors name?		Yes				
Sample P	<u>reservation</u>						
21. Does t	he COC or field labels indicate the samples were pr	reserved?	No				
22. Are sa	mple(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved n	netals?	No				
Multipha	se Sample Matrix						
26. Does t	he sample have more than one phase, i.e., multipha	se?	No				
	does the COC specify which phase(s) is to be analy		NA				
	act Laboratory						
-	mples required to get sent to a subcontract laborato	en r9	No				
	subcontract laboratory specified by the client and it	-	NA NA	Subcontract Lab: 1	NIA		
		i so wilo:	INA	Subcontract Lab:	NA		
Client In	struction						

Date

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

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Marwari 28 CTB 2

Work Order: E503192

Job Number: 01058-0007

Received: 3/24/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 3/27/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

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

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

Date Reported: 3/27/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Marwari 28 CTB 2

Workorder: E503192

Date Received: 3/24/2025 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/24/2025 8:00:00AM, under the Project Name: Marwari 28 CTB 2.

The analytical test results summarized in this report with the Project Name: Marwari 28 CTB 2 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Donouted.
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	03/27/25 11:23

Client Sample ID	Lab Sample ID Matri	x Sampled	Received	Container
SS01-1'	E503192-01A Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
SS02-1'	E503192-02A Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
SS04-1'	E503192-03A Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
SS03-1'	E503192-04A Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
SS05-1'	E503192-05A Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
SS10-1'	E503192-06A Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
SS12-1'	E503192-07A Soil	03/20/25	03/24/25	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/27/2025 11:23:31AM

SS01-1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2513004
Benzene	ND	0.0250	1	03/24/25	03/24/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/24/25	
Toluene	ND	0.0250	1	03/24/25	03/24/25	
o-Xylene	ND	0.0250	1	03/24/25	03/24/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/24/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/24/25	
Surrogate: 4-Bromochlorobenzene-PID		95.5 %	70-130	03/24/25	03/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2513004
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		102 %	70-130	03/24/25	03/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: HM		Batch: 2513012
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/24/25	
Surrogate: n-Nonane		101 %	61-141	03/24/25	03/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2513020
Chloride	ND	20.0	1	03/24/25	03/24/25	



Chloride

Sample Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/27/2025 11:23:31AM

SS02-1'

E503192-02						
	D 1	Reporting	D.1:	D 1		N
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2513004
Benzene	ND	0.0250	1	03/24/25	03/24/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/24/25	
Toluene	ND	0.0250	1	03/24/25	03/24/25	
o-Xylene	ND	0.0250	1	03/24/25	03/24/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/24/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/24/25	
Surrogate: 4-Bromochlorobenzene-PID		96.0 %	70-130	03/24/25	03/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2513004
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		102 %	70-130	03/24/25	03/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: HM		Batch: 2513012
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/24/25	
Surrogate: n-Nonane		99.8 %	61-141	03/24/25	03/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2513020

20.0

101

03/24/25

03/24/25



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/27/2025 11:23:31AM

SS04-1'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2513004
Benzene	ND	0.0250	1	03/24/25	03/24/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/24/25	
Toluene	ND	0.0250	1	03/24/25	03/24/25	
o-Xylene	ND	0.0250	1	03/24/25	03/24/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/24/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/24/25	
Surrogate: 4-Bromochlorobenzene-PID		97.1 %	70-130	03/24/25	03/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2513004
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.8 %	70-130	03/24/25	03/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: HM		Batch: 2513012
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/24/25	
Surrogate: n-Nonane		99.3 %	61-141	03/24/25	03/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2513020
· · · · · · · · · · · · · · · · · · ·	37.8	20.0		03/24/25	03/24/25	.,,



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/27/2025 11:23:31AM

SS03-1'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: SL		Batch: 2513004
Benzene	ND	0.0250	1	03/24/25	03/24/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/24/25	
Toluene	ND	0.0250	1	03/24/25	03/24/25	
o-Xylene	ND	0.0250	1	03/24/25	03/24/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/24/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/24/25	
Surrogate: 4-Bromochlorobenzene-PID		97.6 %	70-130	03/24/25	03/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: SL		Batch: 2513004
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.9 %	70-130	03/24/25	03/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: HM		Batch: 2513012
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/24/25	
Surrogate: n-Nonane		98.2 %	61-141	03/24/25	03/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: DT		Batch: 2513020
Chloride	35.3	20.0	1	03/24/25	03/24/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/27/2025 11:23:31AM

SS05-1'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2513004
Benzene	ND	0.0250	1	03/24/25	03/24/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/24/25	
Toluene	ND	0.0250	1	03/24/25	03/24/25	
o-Xylene	ND	0.0250	1	03/24/25	03/24/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/24/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/24/25	
Surrogate: 4-Bromochlorobenzene-PID		95.7 %	70-130	03/24/25	03/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2513004
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.7 %	70-130	03/24/25	03/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: HM		Batch: 2513012
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/24/25	
Surrogate: n-Nonane		98.1 %	61-141	03/24/25	03/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2513020
Chloride	330	40.0	2	03/24/25	03/24/25	·



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/27/2025 11:23:31AM

SS10-1'

		E503192-06				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: SL		Batch: 2513004
Benzene	ND	0.0250	1	03/24/25	03/24/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/24/25	
Toluene	ND	0.0250	1	03/24/25	03/24/25	
o-Xylene	ND	0.0250	1	03/24/25	03/24/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/24/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/24/25	
Surrogate: 4-Bromochlorobenzene-PID		94.9 %	70-130	03/24/25	03/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: SL		Batch: 2513004
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.1 %	70-130	03/24/25	03/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: HM		Batch: 2513012
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/24/25	
Surrogate: n-Nonane		97.7 %	61-141	03/24/25	03/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: DT		Batch: 2513020
Chloride	ND	20.0	1	03/24/25	03/24/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/27/2025 11:23:31AM

SS12-1'

		E503192-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2513004
Benzene	ND	0.0250	1	03/24/25	03/24/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/24/25	
Toluene	ND	0.0250	1	03/24/25	03/24/25	
p-Xylene	ND	0.0250	1	03/24/25	03/24/25	
o,m-Xylene	ND	0.0500	1	03/24/25	03/24/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/24/25	
Surrogate: 4-Bromochlorobenzene-PID		95.0 %	70-130	03/24/25	03/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2513004
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.6 %	70-130	03/24/25	03/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: HM		Batch: 2513012
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
Surrogate: n-Nonane		96.1 %	61-141	03/24/25	03/25/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2513020
Chloride	ND	20.0	1	03/24/25	03/24/25	



Marwari 28 CTB 2 Devon Energy - Carlsbad Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Ashley Giovengo 3/27/2025 11:23:31AM **Volatile Organics by EPA 8021B** Analyst: BA Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2513004-BLK1) Prepared: 03/24/25 Analyzed: 03/24/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.63 8.00 95.4 70-130 LCS (2513004-BS1) Prepared: 03/24/25 Analyzed: 03/24/25 4.03 80.7 70-130 5.00 Benzene 0.0250 Ethylbenzene 3.89 0.0250 5.00 77.8 70-130 3.99 0.0250 5.00 79.8 70-130 Toluene o-Xylene 3.94 0.0250 5.00 78.8 70-130 7.85 10.0 78.5 70-130 0.0500 p.m-Xvlene 78.6 70-130 11.8 15.0 Total Xylenes 0.0250 8.00 97.9 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.83 Matrix Spike (2513004-MS1) Source: E503190-03 Prepared: 03/24/25 Analyzed: 03/24/25 4.58 0.0250 5.00 ND 91.7 70-130 Benzene ND 70-130 Ethylbenzene 4.42 0.0250 5.00 88.4 Toluene 4.53 0.0250 5.00 ND 90.6 70-130 4.45 ND 89.0 70-130 5.00 0.0250 o-Xylene p,m-Xylene 8.89 0.0500 10.0 ND 88.9 70-130 0.0250 15.0 ND 70-130 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.06 8.00 Matrix Spike Dup (2513004-MSD1) Source: E503190-03 Prepared: 03/24/25 Analyzed: 03/24/25

4.87

4.69

4 81

4.69

9.41

14.1

7.84

0.0250

0.0250

0.0250

0.0250

0.0500

0.0250

5.00

5.00

5.00

5.00

10.0

15.0

8.00

ND

ND

ND

ND

ND

ND

97.4

93.9

96.2

93.8

94.1

94.0

98.0

70-130

70-130

70-130

70-130

70-130

70-130

70-130

6.12

6.01

5 96

5.23

5.73

5.56

27

26

20

25

23

26



Ethylbenzene Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	·
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/27/2025 11:23:31AM

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go			3/2	7/2025 11:23:31AN
	Non	halogenated	Organics l	y EPA 80	15D - Gl	RO			Analyst: BA
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2513004-BLK1)							Prepared: 0	3/24/25 Anal	yzed: 03/24/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.91		8.00		98.9	70-130			
LCS (2513004-BS2)							Prepared: 0	3/24/25 Anal	yzed: 03/24/25
Gasoline Range Organics (C6-C10)	47.9	20.0	50.0		95.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.00		8.00		99.9	70-130			
Matrix Spike (2513004-MS2)				Source:	E503190-	03	Prepared: 0	3/24/25 Anal	yzed: 03/24/25
Gasoline Range Organics (C6-C10)	50.3	20.0	50.0	ND	101	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.67		8.00		95.8	70-130			
Matrix Spike Dup (2513004-MSD2)				Source:	E503190-	03	Prepared: 0	3/24/25 Anal	yzed: 03/24/25
Gasoline Range Organics (C6-C10)	46.6	20.0	50.0	ND	93.2	70-130	7.73	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.83		8.00		97.9	70-130			

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/27/2025 11:23:31AM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go			3/2	7/2025 11:23:31AI
	Nonha	logenated Or	ganics by	EPA 80151) - DRO	/ORO			Analyst: HM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2513012-BLK1)							Prepared: 0	3/24/25 Anal	yzed: 03/24/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.2		50.0		102	61-141			
LCS (2513012-BS1)							Prepared: 0	3/24/25 Anal	yzed: 03/24/25
Diesel Range Organics (C10-C28)	286	25.0	250		114	66-144			
Surrogate: n-Nonane	53.0		50.0		106	61-141			
Matrix Spike (2513012-MS1)				Source:	E503190-	01	Prepared: 0	3/24/25 Anal	yzed: 03/24/25
Diesel Range Organics (C10-C28)	275	25.0	250	ND	110	56-156			
Surrogate: n-Nonane	51.9		50.0		104	61-141			
Matrix Spike Dup (2513012-MSD1)				Source:	E503190-	01	Prepared: 0	3/24/25 Anal	yzed: 03/24/25
Diesel Range Organics (C10-C28)	266	25.0	250	ND	106	56-156	3.46	20	
Surrogate: n-Nonane	46.3		50.0		92.5	61-141			

Matrix Spike Dup (2513020-MSD1)

Chloride

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager	01	larwari 28 CT 1058-0007 shley Gioveng				3	Reported: -/27/2025 11:23:31AM
		Anions	by EPA 3	300.0/9056 <i>£</i>	4				Analyst: DT
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2513020-BLK1)							Prepared: 0	3/24/25 An	alyzed: 03/24/25
Chloride	ND	20.0							
LCS (2513020-BS1)							Prepared: 0	3/24/25 An	alyzed: 03/24/25
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2513020-MS1)				Source:	E503192-	03	Prepared: 0	3/24/25 An	alyzed: 03/24/25
Chloride	295	20.0	250	37.8	103	80-120			

250

20.0

Source: E503192-03

103

80-120

0.0630

37.8

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.



Prepared: 03/24/25 Analyzed: 03/24/25

20

Definitions and Notes

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	03/27/25 11:23

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.



	Clie	nt Inforn	nation	n			Invo	oice Information					La	b Us	e On	ly				T/	AΤ			State	!
Client: [Devon						Company: Dev	on Energy		[ab V	VO#				Num			1D	2D	3D	Std	NM CC) UT	TX
Project:	Marwari	2865	BV				Address: 5315 Buena Vista Dr			[6	503192 101058.000				Ω				x	х					
	Manager: As						City, State, Zip:	Carlsbad NM, 8822	20	[
<u>Address</u>	3122 Natio	nal Parks	Hwy				Phone: (575)689	9-7597		<u></u>					Ana	lysis	and	Meti	hod					Progra	
	te, Zip: Carls		8822	.0		 	Email: jim.raley	/@dvn.com					- 1										SDWA C	:WA	RCRA
	<u>575-988-005</u>			_			Miscellaneous: Ji	im Raley										ļ	. 1	i '					
Email: a	giovengo@e	nsolum.c	om			[- 1	ž	5										Compliance	Υ_	or N
<u>-</u>						ala Inform	ation .				_	DRO/ORO by 8015	GRO/DRO by 8015	121	99	0.00	Ž	ř	etals				PWSID#		
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Sampled	Date Sampled	Matrix		of tiners			Sample ID		Field	Lab Numb	ber	DRO/	GRO/	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals						
1129	31 rohois	Soil	1		<u> </u>	S	501-1	1		1							+						_	_	
1212							02-			2							+								
1248							04-			3							4								
1228							03-			4							+								
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1306							10-			9							1								
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Addition	l nal Instructio	ns: Ple	ase C	C: ch	urton@e	nsolum.c	om. agiovengo@	ensolum.com, jim.	ralev	@dvn	.com	n, ie:	strell	la@e	nsol	um.c	om.	chan	nilto	n@e	ensol	um.e	com,		
	ns@ensolun				_																		<u> </u>	_	
							that tampering with o	or intentionally mislabeling	the sa	mple loca	ation,	date	or time	e of co	llectio	n is co	nsidere	d frau	d and	may b	e grou	nds fo	r legal action.		
	:_Jenna Hinkle_								T-								la :							46	. a.b
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Released to Imaging: 12/12/2025 8:49:07 AM

envirotech

envirotech Inc.

Printed: 3/24/2025 9:26:42AM

Envirotech Analytical Laboratory

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:	Devon Energy - Carlsbad	Date Received:	03/24/25	08:00		Work Order ID:	E503192
Phone:	(505) 382-1211	Date Logged In:	03/21/25	15:22		Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	03/28/25	17:00 (4 day TAT)			
Chain of	Custody (COC)						
	ne sample ID match the COC?		Yes				
	ne number of samples per sampling site location ma	tch the COC	Yes				
	amples dropped off by client or carrier?		Yes	Carrier: <u>C</u>	<u>ourier</u>		
	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes				
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted i i.e, 15 minute hold time, are not included in this disucssi		Yes	_		Comments	s/Resolution
Sample T	<u> [urn Around Time (TAT)</u>						
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C	<u>Cooler</u>						
	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was the	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No	l			
11. If yes	, were custody/security seals intact?		NA	l			
	e sample received on ice? If yes, the recorded temp is 4°C Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	re received w/i 15	Yes C				
Sample C	, <u>,</u>	- F	_				
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers	?	Yes				
	appropriate volume/weight or number of sample contai		Yes				
Field Lal	• • • • • • • • • • • • • • • • • • • •						
	field sample labels filled out with the minimum info	ormation:					
	ample ID?		Yes				
	ate/Time Collected?		Yes	L			
C	ollectors name?		Yes				
	<u>Preservation</u>						
	the COC or field labels indicate the samples were p	reserved?	No				
	ample(s) correctly preserved?	. 1.0	NA				
24. Is lab	filteration required and/or requested for dissolved r	netals?	No				
	se Sample Matrix						
	the sample have more than one phase, i.e., multipha		No				
27. If yes	, does the COC specify which phase(s) is to be analy	yzed?	NA				
Subcontr	act Laboratory						
28. Are sa	amples required to get sent to a subcontract laborate	ory?	No				
29. Was a	subcontract laboratory specified by the client and i	f so who?	NA	Subcontract Lab	: NA		
Client Ir	nstruction_						

Date

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

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Marwari 28 CTB 2

Work Order: E505052

Job Number: 01058-0007

Received: 5/6/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 5/12/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

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

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

Date Reported: 5/12/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Marwari 28 CTB 2

Workorder: E505052

Date Received: 5/6/2025 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/6/2025 8:00:00AM, under the Project Name: Marwari 28 CTB 2.

The analytical test results summarized in this report with the Project Name: Marwari 28 CTB 2 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881 Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

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Client Representative

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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com



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Sample Summary

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Donoutoda
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	05/12/25 11:05

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH06-0'	E505052-01A	Soil	05/02/25	05/06/25	Glass Jar, 2 oz.
BH06-1'	E505052-02A	Soil	05/02/25	05/06/25	Glass Jar, 2 oz.
BH07-0'	E505052-03A	Soil	05/02/25	05/06/25	Glass Jar, 2 oz.
BH07-1'	E505052-04A	Soil	05/02/25	05/06/25	Glass Jar, 2 oz.
BH07-2'	E505052-05A	Soil	05/02/25	05/06/25	Glass Jar, 2 oz.
BH07-3'	E505052-06A	Soil	05/02/25	05/06/25	Glass Jar, 2 oz.
BH08-0'	E505052-07A	Soil	05/02/25	05/06/25	Glass Jar, 2 oz.
BH08-1'	E505052-08A	Soil	05/02/25	05/06/25	Glass Jar, 2 oz.
BH08-2'	E505052-09A	Soil	05/02/25	05/06/25	Glass Jar, 2 oz.
BH09-0'	E505052-10A	Soil	05/02/25	05/06/25	Glass Jar, 2 oz.
BH09-1'	E505052-11A	Soil	05/02/25	05/06/25	Glass Jar, 2 oz.
BH09-2'	E505052-12A	Soil	05/02/25	05/06/25	Glass Jar, 2 oz.
BH09-3'	E505052-13A	Soil	05/02/25	05/06/25	Glass Jar, 2 oz.
BH10-0'	E505052-14A	Soil	05/02/25	05/06/25	Glass Jar, 2 oz.
BH10-1'	E505052-15A	Soil	05/02/25	05/06/25	Glass Jar, 2 oz.
BH10-2'	E505052-16A	Soil	05/02/25	05/06/25	Glass Jar, 2 oz.
BH10-3'	E505052-17A	Soil	05/02/25	05/06/25	Glass Jar, 2 oz.
BH10-4'	E505052-18A	Soil	05/02/25	05/06/25	Glass Jar, 2 oz.
BH10-6'	E505052-19A	Soil	05/02/25	05/06/25	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/12/2025 11:05:03AM

BH06-0' E505052-01

	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	st: SL		Batch: 2519034
ND	0.0250	1	05/06/25	05/07/25	
ND	0.0250	1	05/06/25	05/07/25	
ND	0.0250	1	05/06/25	05/07/25	
ND	0.0250	1	05/06/25	05/07/25	
ND	0.0500	1	05/06/25	05/07/25	
ND	0.0250	1	05/06/25	05/07/25	
	99.2 %	70-130	05/06/25	05/07/25	
mg/kg	mg/kg	Analy	st: SL		Batch: 2519034
ND	20.0	1	05/06/25	05/07/25	
	102 %	70-130	05/06/25	05/07/25	
mg/kg	mg/kg	Analy	st: KH		Batch: 2519049
ND	25.0	1	05/06/25	05/06/25	
ND	50.0	1	05/06/25	05/06/25	
	94.6 %	61-141	05/06/25	05/06/25	
mg/kg	mg/kg	Analy	st: DT		Batch: 2519079
61.2	40.0	2	05/07/25	05/07/25	
	mg/kg ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 MD 20.0 102 % mg/kg MD 25.0 ND 50.0 94.6 %	Result Limit Dilution mg/kg mg/kg Analys ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 20.0250 1 MB/kg mg/kg Analys ND 20.0 1 MB/kg mg/kg Analys ND 25.0 1 ND 50.0 1 94.6% 61-141	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 05/06/25 ND 0.0250 1 05/06/25 ND 0.0250 1 05/06/25 ND 0.0250 1 05/06/25 ND 0.0500 1 05/06/25 ND 0.0250 1 05/06/25 mg/kg 70-130 05/06/25 mg/kg mg/kg Analyst: SL ND 20.0 1 05/06/25 mg/kg mg/kg Analyst: KH ND 25.0 1 05/06/25 ND 50.0 1 05/06/25 ND 50.0 1 05/06/25	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 05/06/25 05/07/25 ND 0.0500 1 05/06/25 05/07/25 ND 0.0250 1 05/06/25 05/07/25 MD 0.0250 1 05/06/25 05/07/25 MD 0.0250 1 05/06/25 05/07/25 mg/kg mg/kg Analyst: SL ND 20.0 1 05/06/25 05/07/25 mg/kg mg/kg Analyst: KH ND 25.0 1 05/06/25 05/06/25 ND 25.0 1 05/06/25 05/06/25 ND 50.0 1 05/06/25 05/06/25 <



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/12/2025 11:05:03AM

BH06-1'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2519034
Benzene	ND	0.0250	1	05/06/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/06/25	05/07/25	
Toluene	ND	0.0250	1	05/06/25	05/07/25	
o-Xylene	ND	0.0250	1	05/06/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/06/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/06/25	05/07/25	
Surrogate: 4-Bromochlorobenzene-PID		99.5 %	70-130	05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2519034
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/25	05/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		100 %	70-130	05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2519049
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/06/25	
Surrogate: n-Nonane		94.7 %	61-141	05/06/25	05/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2519079



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/12/2025 11:05:03AM

BH07-0'

E50		

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2519034
Benzene	ND	0.0250	1	05/06/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/06/25	05/07/25	
Toluene	ND	0.0250	1	05/06/25	05/07/25	
o-Xylene	ND	0.0250	1	05/06/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/06/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/06/25	05/07/25	
Surrogate: 4-Bromochlorobenzene-PID		98.4 %	70-130	05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2519034
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/25	05/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		102 %	70-130	05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2519049
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/06/25	
Surrogate: n-Nonane		98.7 %	61-141	05/06/25	05/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2519079
· · · · · · · · · · · · · · · · · · ·	675	20.0		05/07/25	05/07/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/12/2025 11:05:03AM

BH07-1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: SL		Batch: 2519034
Benzene	ND	0.0250	1	05/06/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/06/25	05/07/25	
Toluene	ND	0.0250	1	05/06/25	05/07/25	
o-Xylene	ND	0.0250	1	05/06/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/06/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/06/25	05/07/25	
Surrogate: 4-Bromochlorobenzene-PID		98.6 %	70-130	05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: SL		Batch: 2519034
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/25	05/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		105 %	70-130	05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: KH		Batch: 2519049
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/06/25	
Surrogate: n-Nonane		97.7 %	61-141	05/06/25	05/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: DT		Batch: 2519079
Chloride	8280	200	10	05/07/25	05/07/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/12/2025 11:05:03AM

BH07-2'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: SL		Batch: 2519034
Benzene	ND	0.0250	1	05/06/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/06/25	05/07/25	
Toluene	ND	0.0250	1	05/06/25	05/07/25	
o-Xylene	ND	0.0250	1	05/06/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/06/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/06/25	05/07/25	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2519034
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/25	05/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		102 %	70-130	05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KH		Batch: 2519049
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/06/25	
Surrogate: n-Nonane		95.8 %	61-141	05/06/25	05/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2519079
Chloride	8300	200	10	05/07/25	05/07/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/12/2025 11:05:03AM

BH07-3'

E505052-00

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2519034
Benzene	ND	0.0250	1	05/06/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/06/25	05/07/25	
Toluene	ND	0.0250	1	05/06/25	05/07/25	
o-Xylene	ND	0.0250	1	05/06/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/06/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/06/25	05/07/25	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2519034
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/25	05/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		103 %	70-130	05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2519049
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/06/25	
Surrogate: n-Nonane		96.4 %	61-141	05/06/25	05/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2519079
Chloride	6170	100	5	05/07/25	05/07/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/12/2025 11:05:03AM

BH08-0'

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		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2519034
Benzene	ND	0.0250	1	05/06/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/06/25	05/07/25	
Toluene	ND	0.0250	1	05/06/25	05/07/25	
o-Xylene	ND	0.0250	1	05/06/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/06/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/06/25	05/07/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2519034
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/25	05/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		103 %	70-130	05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2519049
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/06/25	
Surrogate: n-Nonane		100 %	61-141	05/06/25	05/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2519079
Chloride	1420	100	5	05/07/25	05/07/25	



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6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/12/2025 11:05:03AM

BH08-1'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ai	nalyst: SL		Batch: 2519034
Benzene	ND	0.0250	1	05/06/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/06/25	05/07/25	
Toluene	ND	0.0250	1	05/06/25	05/07/25	
o-Xylene	ND	0.0250	1	05/06/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/06/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/06/25	05/07/25	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: SL		Batch: 2519034
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/25	05/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		100 %	70-130	05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: KH		Batch: 2519049
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/06/25	
Surrogate: n-Nonane		95.4 %	61-141	05/06/25	05/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: DT		Batch: 2519079
Chloride	1750	40.0	2	05/07/25	05/07/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/12/2025 11:05:03AM

BH08-2'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2519034
Benzene	ND	0.0250	1	05/06/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/06/25	05/07/25	
Toluene	ND	0.0250	1	05/06/25	05/07/25	
o-Xylene	ND	0.0250	1	05/06/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/06/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/06/25	05/07/25	
Surrogate: 4-Bromochlorobenzene-PID		98.7 %	70-130	05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2519034
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/25	05/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		104 %	70-130	05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2519049
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/07/25	
Surrogate: n-Nonane		97.4 %	61-141	05/06/25	05/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2519079
Chloride	70.1	20.0	1	05/07/25	05/07/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/12/2025 11:05:03AM

BH09-0'

E505052-10

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: SL		Batch: 2519034
Benzene	ND	0.0250	1	05/06/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/06/25	05/07/25	
Toluene	ND	0.0250	1	05/06/25	05/07/25	
o-Xylene	ND	0.0250	1	05/06/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/06/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/06/25	05/07/25	
Surrogate: 4-Bromochlorobenzene-PID		97.2 %	70-130	05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: SL		Batch: 2519034
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/25	05/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		101 %	70-130	05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: KH		Batch: 2519049
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/07/25	
Surrogate: n-Nonane		103 %	61-141	05/06/25	05/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: DT		Batch: 2519079
Chloride	4930	100	5	05/07/25	05/07/25	•



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/12/2025 11:05:03AM

BH09-1'

E50		

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ai	nalyst: SL		Batch: 2519034
Benzene	ND	0.0250	1	05/06/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/06/25	05/07/25	
Toluene	ND	0.0250	1	05/06/25	05/07/25	
o-Xylene	ND	0.0250	1	05/06/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/06/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/06/25	05/07/25	
Surrogate: 4-Bromochlorobenzene-PID		99.4 %	70-130	05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: SL		Batch: 2519034
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/25	05/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		102 %	70-130	05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: KH		Batch: 2519049
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/07/25	
Surrogate: n-Nonane		95.6 %	61-141	05/06/25	05/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ai	nalyst: DT		Batch: 2519079
Chloride	3090	40.0	2	05/07/25	05/07/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
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Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/12/2025 11:05:03AM

BH09-2'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2519034
Benzene	ND	0.0250	1	05/06/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/06/25	05/07/25	
Toluene	ND	0.0250	1	05/06/25	05/07/25	
o-Xylene	ND	0.0250	1	05/06/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/06/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/06/25	05/07/25	
Surrogate: 4-Bromochlorobenzene-PID		96.6 %	70-130	05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2519034
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/25	05/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		102 %	70-130	05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2519049
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/07/25	
Surrogate: n-Nonane		94.1 %	61-141	05/06/25	05/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2519079
Chloride	2260	40.0	2	05/07/25	05/07/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/12/2025 11:05:03AM

BH09-3'

E505052-13

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2519034
Benzene	ND	0.0250	1	05/06/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/06/25	05/07/25	
Toluene	ND	0.0250	1	05/06/25	05/07/25	
o-Xylene	ND	0.0250	1	05/06/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/06/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/06/25	05/07/25	
Surrogate: 4-Bromochlorobenzene-PID		98.0 %	70-130	05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2519034
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/25	05/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		103 %	70-130	05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2519049
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/07/25	
Surrogate: n-Nonane		94.1 %	61-141	05/06/25	05/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2519079
Chloride	70.5	20.0	1	05/07/25	05/08/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/12/2025 11:05:03AM

BH10-0'

E505052-14

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2519034
Benzene	ND	0.0250	1	05/06/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/06/25	05/07/25	
Toluene	ND	0.0250	1	05/06/25	05/07/25	
o-Xylene	ND	0.0250	1	05/06/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/06/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/06/25	05/07/25	
Surrogate: 4-Bromochlorobenzene-PID		98.5 %	70-130	05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2519034
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/25	05/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		104 %	70-130	05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KH		Batch: 2519049
Diesel Range Organics (C10-C28)	28.0	25.0	1	05/06/25	05/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/07/25	
Surrogate: n-Nonane		98.5 %	61-141	05/06/25	05/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2519079
Chloride	1290	20.0	1	05/07/25	05/08/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/12/2025 11:05:03AM

BH10-1'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2519034
Benzene	ND	0.0250	1	05/06/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/06/25	05/07/25	
Toluene	ND	0.0250	1	05/06/25	05/07/25	
o-Xylene	ND	0.0250	1	05/06/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/06/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/06/25	05/07/25	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2519034
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/25	05/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		103 %	70-130	05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2519049
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/07/25	
Surrogate: n-Nonane		95.4 %	61-141	05/06/25	05/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2519079
Chloride	856	20.0	1	05/07/25	05/08/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/12/2025 11:05:03AM

BH10-2'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: SL		Batch: 2519034
Benzene	ND	0.0250	1	05/06/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/06/25	05/07/25	
Toluene	ND	0.0250	1	05/06/25	05/07/25	
o-Xylene	ND	0.0250	1	05/06/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/06/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/06/25	05/07/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: SL		Batch: 2519034
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/25	05/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		100 %	70-130	05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: KH		Batch: 2519049
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/07/25	
Surrogate: n-Nonane		97.5 %	61-141	05/06/25	05/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: DT		Batch: 2519079
Chloride	1780	40.0	2	05/07/25	05/08/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/12/2025 11:05:03AM

BH10-3'

		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: SL		Batch: 2519034
Benzene	ND	0.0250	1	05/06/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/06/25	05/07/25	
Toluene	ND	0.0250	1	05/06/25	05/07/25	
o-Xylene	ND	0.0250	1	05/06/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/06/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/06/25	05/07/25	
Surrogate: 4-Bromochlorobenzene-PID		97.7 %	70-130	05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: SL		Batch: 2519034
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/25	05/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.6 %	70-130	05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: KH		Batch: 2519049
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/07/25	
Surrogate: n-Nonane		95.5 %	61-141	05/06/25	05/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: DT		Batch: 2519079
Chloride	4790	100	5	05/07/25	05/08/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/12/2025 11:05:03AM

BH10-4'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	nalyst: SL		Batch: 2519034
Benzene	ND	0.0250	1	05/06/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/06/25	05/07/25	
Toluene	ND	0.0250	1	05/06/25	05/07/25	
o-Xylene	ND	0.0250	1	05/06/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/06/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/06/25	05/07/25	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: SL		Batch: 2519034
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/25	05/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		102 %	70-130	05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: KH		Batch: 2519049
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/07/25	
Surrogate: n-Nonane		92.0 %	61-141	05/06/25	05/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: DT		Batch: 2519079
Chloride	5680	100	5	05/07/25	05/08/25	•



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/12/2025 11:05:03AM

BH10-6'

		E505052-19				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2519034
Benzene	ND	0.0250	1	05/06/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/06/25	05/07/25	
Toluene	ND	0.0250	1	05/06/25	05/07/25	
o-Xylene	ND	0.0250	1	05/06/25	05/07/25	
o,m-Xylene	ND	0.0500	1	05/06/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/06/25	05/07/25	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: SL		Batch: 2519034
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/25	05/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.3 %	70-130	05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	/st: KH		Batch: 2519049
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/07/25	
Surrogate: n-Nonane		101 %	61-141	05/06/25	05/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	/st: DT		Batch: 2519079
Chloride	7940	200	10	05/07/25	05/08/25	



QC Summary Data

		QC Si	umma	ii y Dat	а				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:	01	larwari 28 CT 1058-0007 shley Gioven					Reported: 5/12/2025 11:05:03AM
		Volatile O	rganics b	oy EPA 802	21B				Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2519034-BLK1)							Prepared: 0	5/06/25 A	analyzed: 05/07/25
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	7.83		8.00		97.8	70-130			
LCS (2519034-BS1)							Prepared: 0	5/06/25 A	analyzed: 05/07/25
Benzene	3.81	0.0250	5.00		76.2	70-130			
Ethylbenzene	3.90	0.0250	5.00		77.9	70-130			
Toluene	3.90	0.0250	5.00		78.0	70-130			
o-Xylene	3.94	0.0250	5.00		78.9	70-130			
p,m-Xylene	7.83	0.0500	10.0		78.3	70-130			
Total Xylenes	11.8	0.0250	15.0		78.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.00		8.00		100	70-130			
Matrix Spike (2519034-MS1)				Source:	E505052-	04	Prepared: 0	5/06/25 A	analyzed: 05/07/25
Benzene	3.72	0.0250	5.00	ND	74.4	70-130			
Ethylbenzene	3.82	0.0250	5.00	ND	76.3	70-130			
Toluene	3.80	0.0250	5.00	ND	76.0	70-130			
p-Xylene	3.83	0.0250	5.00	ND	76.6	70-130			
o,m-Xylene	7.66	0.0500	10.0	ND	76.6	70-130			
Total Xylenes	11.5	0.0250	15.0	ND	76.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.90		8.00		98.8	70-130			
Matrix Spike Dup (2519034-MSD1)				Source:	E505052-	04	Prepared: 0	5/06/25 A	analyzed: 05/07/25
Benzene	3.67	0.0250	5.00	ND	73.4	70-130	1.30	27	
Ethylbenzene	3.76	0.0250	5.00	ND	75.1	70-130	1.60	26	
T 1	2.76		5.00	ND	75.0	70 120	1.14	20	

75.2

76.5

75.6

75.9

97.6

70-130

70-130

70-130

70-130

70-130

1.14

0.144

1.29

0.904

20

25

23

26

ND

ND

ND

ND

5.00

5.00

10.0

15.0

0.0250

0.0250

0.0500

0.0250



Toluene

o-Xylene

p,m-Xylene Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

3.76

3.83

7.56

11.4

7.81

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/12/2025 11:05:03AM

Artesia NM, 88210		5/12/2025 11:05:03AM												
	Nonhalogenated Organics by EPA 8015D - GRO													
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes					
Blank (2519034-BLK1)							Prepared: 0	5/06/25 Anal	yzed: 05/07/25					
Gasoline Range Organics (C6-C10)	ND	20.0												
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.37		8.00		105	70-130								
LCS (2519034-BS2)							Prepared: 0	5/06/25 Anal	yzed: 05/07/25					
Gasoline Range Organics (C6-C10)	45.5	20.0	50.0		91.1	70-130								
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.45		8.00		106	70-130								
Matrix Spike (2519034-MS2)				Source:	E505052-0	04	Prepared: 0	5/06/25 Anal	yzed: 05/07/25					
Gasoline Range Organics (C6-C10)	48.3	20.0	50.0	ND	96.6	70-130								
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.14		8.00		102	70-130								
Matrix Spike Dup (2519034-MSD2)				Source:	E505052-0	04	Prepared: 0	5/06/25 Anal	yzed: 05/07/25					
Gasoline Range Organics (C6-C10)	40.8	20.0	50.0	ND	81.5	70-130	16.9	20						
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.32		8.00		104	70-130								



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	-
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/12/2025 11:05:03AM

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go			5/	/12/2025 11:05:03Al
	Nonha	logenated Or		Analyst: KH					
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2519049-BLK1)							Prepared: 0	5/06/25 An	alyzed: 05/06/25
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	46.3		50.0		92.5	61-141			
LCS (2519049-BS1)							Prepared: 0	5/06/25 An	alyzed: 05/06/25
Diesel Range Organics (C10-C28)	261	25.0	250		104	66-144			
urrogate: n-Nonane	47.5		50.0		94.9	61-141			
Matrix Spike (2519049-MS1)				Source:	E505052-	03	Prepared: 0	5/06/25 An	alyzed: 05/06/25
Diesel Range Organics (C10-C28)	271	25.0	250	ND	108	56-156			
urrogate: n-Nonane	50.0		50.0		100	61-141			
Matrix Spike Dup (2519049-MSD1)				Source:	E505052-	03	Prepared: 0	5/06/25 An	alyzed: 05/06/25
Diesel Range Organics (C10-C28)	266	25.0	250	ND	106	56-156	1.95	20	
'urrogate: n-Nonane	43.6		50.0		87.2	61-141			



Chloride

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		1arwari 28 CT 1058-0007	B 2				Reported:
Artesia NM, 88210		Project Manager		shley Gioveng	go				5/12/2025 11:05:03AM
		Anions	by EPA	300.0/9056	1				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2519079-BLK1)							Prepared: 0:	5/07/25 A	nalyzed: 05/07/25
Chloride	ND	20.0							
LCS (2519079-BS1)							Prepared: 0	5/07/25 A	nalyzed: 05/07/25
Chloride	258	20.0	250		103	90-110			
Matrix Spike (2519079-MS1)				Source:	E505052-	07	Prepared: 0:	5/07/25 A	nalyzed: 05/07/25
Chloride	1760	100	250	1420	136	80-120			M4
Matrix Spike Dup (2519079-MSD1)				Source:	E505052-	07	Prepared: 0	5/07/25 A	nalyzed: 05/07/25

250

100

1670

101

80-120

5.15

20

1420

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

ſ	Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
l	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
	Artesia NM, 88210	Project Manager:	Ashley Giovengo	05/12/25 11:05

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.



	Clie	nt Inform	nation		Invoice Int	formation			La	b Us	e Or	ily				TA	T		Stat	e
	Devon Marwari Manager: As				Address: 5315 Buena	Vista Dr	Lab E	wo:	505	2	<u>aa</u> lop	Num	ber 000	7	1D	2D	3D Std	NM x	со ит	(T)
	3122 Natio										Ana	lysis	and	Meth	hod			EP	A Progr	am
	e, Zip: Carls		88220															SDWA	CWA	F
	575-988-005 giovengo@e		om		Miscellaneous: Jim Rale	ey		10	10									Compliano	e Y	0
	KIOVEII KOE E	noorann.e	.0111				4	y 801	y 801	н	0	0.0	×	als		J		PWSID#		1
			1	Sample Info	rmation	T et .		RO b	RO b	y 802	y 826	Je 30(1- 500	8 Met		N.	¥	ale du		
Time Sampled	Date Sampled	Matrix	No. of Containers		Company: Devon Energy Address: 5315 Buena Vi City, State, Zip: Carlsbace Phone: (575)689-7597 Email: jim.raley@dvn.cc Miscellaneous: Jim Raley Information Sample ID BHO6-1' BHO6-1	Field Filter	ab nber	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX	Samle Temp	Rer	mark
0450	Simus	Sril	١													+		1.8		
1003					BH06-1'	2										+		2.3		
1141					3407-C	3	5									t		2.1		
1145					107-1	4										+		1.4		
1205					\$ 07-7	5	5							71		f		1.8		
1346					107-3	3' (2									+		1.7		
1163					BH08-C									Щ		f		2.3		
1115					108-1	8	3									1		1.8		
1118					108-2	9										4		3.3		
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	С	lient	Inform	ation				Inv	oice Informati	on				Lai	Us	e On	ly				T	AT		Stat	e
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City, Sta	te, Zip: Ca	rlsba	d NM,	88220	4				y@dvn.com														SDWA	CWA	I
	575-988-0			-		-	Miscel	laneous: .	lim Raley					LX									Caracitana	- Lv	+
email: a	giovengo(vens	olum.c	om				_					8015	8015					v)				Compliance PWSID #	e Y	1
-					Samp	le Infor	rmation						o by	O by	8021	3260	300.	XT-8	Metal		MM	×			-
Time Sampled	Date Sample	ed	Matrix	No. of Containe			Sa	mple ID		Field	Lab Numb		DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX	Samle Temp	Rer	na
3454	Surons	5	Soil	1			Bt	109-	1,	3	11						Œ				+		1.9		
000			1	1				HOA			12										+		4.0		
1001							BA	H04-	3,		13										+		1.1		
1046							B.	H10 -		3/2	14										+		2.2		
1163								(0 .	-1,		15										*		2.6		
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1124								10 -	.3'		17										+		23		
1126								10	-4'		18										4		2.7		
1239	5		J	1	1		,	10	-6'		19										+		2.1		
Addition	nal Instruc	tion	s: Ple	ease CC	: cburton@	ensolum	n.com, a	giovengo	@ensolum.co	n, jim.rale	y@dv	n.co	m, ie	stre	lla@	ensc	lum	.com	, cha	milt	on@	ensolum	.com,		
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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.

Printed: 5/6/2025 9:10:53AM

Envirotech Analytical Laboratory

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:	Devon Energy - Carlsbad	Date Received:	05/06/25 (08:00		Work Order ID:	E505052
Phone:	(505) 382-1211	Date Logged In:	05/05/25	17:20		Logged In By:	Noe Soto
Email:	agiovengo@ensolum.com	Due Date:		17:00 (4 day TAT)		Logged III Dy.	1100 5010
Dinam.	ugio rongo (consortami com	Due Duic.	00/12/20				
Chain of Custody (COC)							
1. Does th	e sample ID match the COC?		Yes				
2. Does th	e number of samples per sampling site location ma	tch the COC	Yes				
3. Were samples dropped off by client or carrier?			Yes	Carrier: C	Courier		
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?			Yes				
5. Were al	I samples received within holding time?	•	Yes				
	Note: Analysis, such as pH which should be conducted i					Comment	s/Resolution
C1- T	i.e, 15 minute hold time, are not included in this disucssi	on.		Г		Comment	3/1XC301ULION
	urn Around Time (TAT)		Yes				
	COC indicate standard TAT, or Expedited TAT?		168				
Sample C	ample cooler received?		Yes				
	was cooler received in good condition?		Yes				
•	e sample(s) received intact, i.e., not broken?						
	* **		Yes				
	custody/security seals present?		No				
•	were custody/security seals intact?		NA				
12. Was the	e sample received on ice? Note: Thermal preservation is not required, if samples are	re received within	Yes				
15 minutes of sampling 13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.							
Sample Container							
	queous VOC samples present?		No				
	OC 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							
	— field sample labels filled out with the minimum info	ormation:					
	imple ID?		Yes				
	ate/Time Collected?		Yes				
	ollectors name?		Yes				
	reservation		NT.				
	the COC or field labels indicate the samples were p	reservea?	No				
	mple(s) correctly preserved? filtration required and/or requested for dissolved m	otolo?	NA N-				
	•	ctais:	No				
	se Sample Matrix						
	the sample have more than one phase, i.e., multipha		No				
27. If yes,	does the COC specify which phase(s) is to be anal	yzed?	NA				
Subcontract Laboratory							
	mples required to get sent to a subcontract laborate	•	No				
29. Was a	subcontract laboratory specified by the client and i	f so who?	NA	Subcontract Lab	: NA		
Client In	<u>struction</u>						

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Marwari 28 CTB 2

Work Order: E505292

Job Number: 01058-0007

Received: 5/28/2025

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 6/3/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

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

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

Date Reported: 6/3/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Marwari 28 CTB 2

Workorder: E505292

Date Received: 5/28/2025 6:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/28/2025 6:30:00AM, under the Project Name: Marwari 28 CTB 2.

The analytical test results summarized in this report with the Project Name: Marwari 28 CTB 2 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Donoutodi
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	06/03/25 15:20

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH11-0'	E505292-01A	Soil	05/23/25	05/28/25	Glass Jar, 2 oz.
BH11-0.5'	E505292-02A	Soil	05/23/25	05/28/25	Glass Jar, 2 oz.
BH12-0'	E505292-03A	Soil	05/23/25	05/28/25	Glass Jar, 2 oz.
BH12-0.5'	E505292-04A	Soil	05/23/25	05/28/25	Glass Jar, 2 oz.
BH13-0'	E505292-05A	Soil	05/23/25	05/28/25	Glass Jar, 2 oz.
BH13-0.5'	E505292-06A	Soil	05/23/25	05/28/25	Glass Jar, 2 oz.
BH14-0'	E505292-07A	Soil	05/23/25	05/28/25	Glass Jar, 2 oz.
BH15-0'	E505292-08A	Soil	05/23/25	05/28/25	Glass Jar, 2 oz.
BH14-0.5'	E505292-09A	Soil	05/23/25	05/28/25	Glass Jar, 2 oz.
BH15-2'	E505292-10A	Soil	05/23/25	05/28/25	Glass Jar, 2 oz.
BH15-4'	E505292-11A	Soil	05/23/25	05/28/25	Glass Jar, 2 oz.
BH15-5'	E505292-12A	Soil	05/23/25	05/28/25	Glass Jar, 2 oz.
BH16-0'	E505292-13A	Soil	05/23/25	05/28/25	Glass Jar, 2 oz.
BH16-0.5'	E505292-14A	Soil	05/23/25	05/28/25	Glass Jar, 2 oz.
BH17-0'	E505292-15A	Soil	05/23/25	05/28/25	Glass Jar, 2 oz.
BH17-0.5'	E505292-16A	Soil	05/23/25	05/28/25	Glass Jar, 2 oz.
BH18-0'	E505292-17A	Soil	05/23/25	05/28/25	Glass Jar, 2 oz.
BH18-0.5'	E505292-18A	Soil	05/23/25	05/28/25	Glass Jar, 2 oz.
BH19-0'	E505292-19A	Soil	05/23/25	05/28/25	Glass Jar, 2 oz.
BH19-0.5'	E505292-20A	Soil	05/23/25	05/28/25	Glass Jar, 2 oz.
BH20-0'	E505292-21A	Soil	05/23/25	05/28/25	Glass Jar, 2 oz.
BH20-0.5'	E505292-22A	Soil	05/23/25	05/28/25	Glass Jar, 2 oz.
BH21-0'	E505292-23A	Soil	05/23/25	05/28/25	Glass Jar, 2 oz.
BH21-0.5'	E505292-24A	Soil	05/23/25	05/28/25	Glass Jar, 2 oz.
BH22-0'	E505292-25A	Soil	05/23/25	05/28/25	Glass Jar, 2 oz.
BH22-0.5'	E505292-26A	Soil	05/23/25	05/28/25	Glass Jar, 2 oz.

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/3/2025 3:20:20PM

BH11-0' E505292-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2522039
Benzene	ND	0.0250	1	05/28/25	05/30/25	
Ethylbenzene	ND	0.0250	1	05/28/25	05/30/25	
Toluene	ND	0.0250	1	05/28/25	05/30/25	
o-Xylene	ND	0.0250	1	05/28/25	05/30/25	
p,m-Xylene	ND	0.0500	1	05/28/25	05/30/25	
Total Xylenes	ND	0.0250	1	05/28/25	05/30/25	
Surrogate: 4-Bromochlorobenzene-PID		87.6 %	70-130	05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2522039
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/28/25	05/30/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.3 %	70-130	05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2522069
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/25	05/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/25	05/29/25	
Surrogate: n-Nonane		108 %	61-141	05/29/25	05/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2522058
Chloride	ND	20.0	1	05/28/25	05/29/25	

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/3/2025 3:20:20PM

BH11-0.5'

		E505292-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2522039
Benzene	ND	0.0250	1	05/28/25	05/30/25	
Ethylbenzene	ND	0.0250	1	05/28/25	05/30/25	
Toluene	ND	0.0250	1	05/28/25	05/30/25	
o-Xylene	ND	0.0250	1	05/28/25	05/30/25	
p,m-Xylene	ND	0.0500	1	05/28/25	05/30/25	
Total Xylenes	ND	0.0250	1	05/28/25	05/30/25	
Surrogate: 4-Bromochlorobenzene-PID		85.3 %	70-130	05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2522039	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/28/25	05/30/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.7 %	70-130	05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2522069
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/25	05/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/25	05/29/25	
Surrogate: n-Nonane		107 %	61-141	05/29/25	05/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2522058
Chloride	ND	20.0	1	05/28/25	05/29/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/3/2025 3:20:20PM

BH12-0'

		E505292-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	yst: SL		Batch: 2522039
Benzene	ND	0.0250	1	05/28/25	05/30/25	
Ethylbenzene	ND	0.0250	1	05/28/25	05/30/25	
Toluene	ND	0.0250	1	05/28/25	05/30/25	
o-Xylene	ND	0.0250	1	05/28/25	05/30/25	
o,m-Xylene	ND	0.0500	1	05/28/25	05/30/25	
Total Xylenes	ND	0.0250	1	05/28/25	05/30/25	
Surrogate: 4-Bromochlorobenzene-PID		86.4 %	70-130	05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2522039
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/28/25	05/30/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.2 %	70-130	05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	yst: NV		Batch: 2522069
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/25	05/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/25	05/29/25	
Surrogate: n-Nonane		107 %	61-141	05/29/25	05/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	yst: DT		Batch: 2522058
Chloride	61.1	20.0	1	05/28/25	05/29/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/3/2025 3:20:20PM

BH12-0.5'

		E505292-04				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2522039
Benzene	ND	0.0250	1	05/28/25	05/30/25	
Ethylbenzene	ND	0.0250	1	05/28/25	05/30/25	
Toluene	ND	0.0250	1	05/28/25	05/30/25	
o-Xylene	ND	0.0250	1	05/28/25	05/30/25	
p,m-Xylene	ND	0.0500	1	05/28/25	05/30/25	
Total Xylenes	ND	0.0250	1	05/28/25	05/30/25	
Surrogate: 4-Bromochlorobenzene-PID		88.3 %	70-130	05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2522039
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/28/25	05/30/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.5 %	70-130	05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2522069
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/25	05/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/25	05/29/25	
Surrogate: n-Nonane		105 %	61-141	05/29/25	05/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2522058
Chloride	ND	20.0	1	05/28/25	05/29/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/3/2025 3:20:20PM

BH13-0' E505292-05

		E303272 03				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: SL		Batch: 2522039
Benzene	ND	0.0250	1	05/28/25	05/30/25	
Ethylbenzene	ND	0.0250	1	05/28/25	05/30/25	
Toluene	ND	0.0250	1	05/28/25	05/30/25	
o-Xylene	ND	0.0250	1	05/28/25	05/30/25	
o,m-Xylene	ND	0.0500	1	05/28/25	05/30/25	
Total Xylenes	ND	0.0250	1	05/28/25	05/30/25	
Surrogate: 4-Bromochlorobenzene-PID		86.8 %	70-130	05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2522039
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/28/25	05/30/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.8 %	70-130	05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: NV		Batch: 2522069
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/25	05/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/25	05/29/25	
Surrogate: n-Nonane		106 %	61-141	05/29/25	05/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: DT		Batch: 2522058
Chloride	ND	20.0	1	05/28/25	05/29/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/3/2025 3:20:20PM

BH13-0.5'

		E505292-06					
Reporting							
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2522039	
Benzene	ND	0.0250	1	05/28/25	05/29/25		
Ethylbenzene	ND	0.0250	1	05/28/25	05/29/25		
Toluene	ND	0.0250	1	05/28/25	05/29/25		
o-Xylene	ND	0.0250	1	05/28/25	05/29/25		
p,m-Xylene	ND	0.0500	1	05/28/25	05/29/25		
Total Xylenes	ND	0.0250	1	05/28/25	05/29/25		
Surrogate: 4-Bromochlorobenzene-PID		87.5 %	70-130	05/28/25	05/29/25		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2522039	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/28/25	05/29/25		
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.7 %	70-130	05/28/25	05/29/25		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2522069	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/25	05/30/25		
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/25	05/30/25		
Surrogate: n-Nonane		105 %	61-141	05/29/25	05/30/25		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2522058	
Chloride	ND	20.0	1	05/28/25	05/29/25		



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/3/2025 3:20:20PM

BH14-0'

		E505292-07					
Reporting							
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2522039	
Benzene	ND	0.0250	1	05/28/25	05/30/25		
Ethylbenzene	ND	0.0250	1	05/28/25	05/30/25		
Toluene	ND	0.0250	1	05/28/25	05/30/25		
o-Xylene	ND	0.0250	1	05/28/25	05/30/25		
o,m-Xylene	ND	0.0500	1	05/28/25	05/30/25		
Total Xylenes	ND	0.0250	1	05/28/25	05/30/25		
Surrogate: 4-Bromochlorobenzene-PID		89.3 %	70-130	05/28/25	05/30/25		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2522039	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/28/25	05/30/25		
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.3 %	70-130	05/28/25	05/30/25		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2522069	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/25	05/30/25		
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/25	05/30/25		
Surrogate: n-Nonane		106 %	61-141	05/29/25	05/30/25		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2522058	
Chloride	ND	20.0	1	05/28/25	05/29/25		



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/3/2025 3:20:20PM

BH15-0'

E505292-08

	Reporting				
Result	Limit	Dilution	n Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	alyst: SL		Batch: 2522039
ND	0.0250	1	05/28/25	05/30/25	
ND	0.0250	1	05/28/25	05/30/25	
ND	0.0250	1	05/28/25	05/30/25	
ND	0.0250	1	05/28/25	05/30/25	
ND	0.0500	1	05/28/25	05/30/25	
ND	0.0250	1	05/28/25	05/30/25	
	89.3 %	70-130	05/28/25	05/30/25	
mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2522039
ND	20.0	1	05/28/25	05/30/25	
	97.0 %	70-130	05/28/25	05/30/25	
mg/kg	mg/kg	Ana	ılyst: NV		Batch: 2522069
ND	25.0	1	05/29/25	05/30/25	
ND	50.0	1	05/29/25	05/30/25	
	107 %	61-141	05/29/25	05/30/25	
mg/kg	mg/kg	Ana	alyst: DT		Batch: 2522058
mg/ng	88		•		
	mg/kg ND	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 89.3 % mg/kg MD 20.0 97.0 % mg/kg ND 25.0 ND 50.0 107 %	Result Limit Dilution mg/kg mg/kg Ana ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 89.3 % 70-130 mg/kg mg/kg Ana ND 20.0 1 97.0 % 70-130 1 mg/kg mg/kg Ana ND 25.0 1 ND 50.0 1 107 % 61-141	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 05/28/25 ND 0.0250 1 05/28/25 ND 0.0250 1 05/28/25 ND 0.0250 1 05/28/25 ND 0.0500 1 05/28/25 ND 0.0250 1 05/28/25 mg/kg 70-130 05/28/25 mg/kg mg/kg Analyst: SL ND 20.0 1 05/28/25 mg/kg mg/kg Analyst: NV ND 25.0 1 05/29/25 ND 50.0 1 05/29/25 ND 50.0 1 05/29/25	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 05/28/25 05/30/25 ND 0.0500 1 05/28/25 05/30/25 ND 0.0250 1 05/28/25 05/30/25 mg/kg mg/kg Analyst: SL ND 20.0 1 05/28/25 05/30/25 mg/kg mg/kg Analyst: SL ND 20.0 1 05/28/25 05/30/25 mg/kg mg/kg Analyst: NV ND 25.0 1 05/29/25 05/30/25 ND 50.0 1 05/29/25 05/30/25 ND 50.0 1 05/29/25 05/30/25



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/3/2025 3:20:20PM

BH14-0.5'

E505292-09							
Reporting							
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2522039	
Benzene	ND	0.0250	1	05/28/25	05/30/25		
Ethylbenzene	ND	0.0250	1	05/28/25	05/30/25		
Toluene	ND	0.0250	1	05/28/25	05/30/25		
o-Xylene	ND	0.0250	1	05/28/25	05/30/25		
p,m-Xylene	ND	0.0500	1	05/28/25	05/30/25		
Total Xylenes	ND	0.0250	1	05/28/25	05/30/25		
Surrogate: 4-Bromochlorobenzene-PID		87.0 %	70-130	05/28/25	05/30/25		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2522039	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/28/25	05/30/25		
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.5 %	70-130	05/28/25	05/30/25		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2522069	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/25	05/30/25		
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/25	05/30/25		
Surrogate: n-Nonane		107 %	61-141	05/29/25	05/30/25		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2522058	
Chloride	ND	20.0	1	05/28/25	05/29/25		



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/3/2025 3:20:20PM

BH15-2'

E505292-10

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2522039
Benzene	ND	0.0250	1	05/28/25	05/30/25	
Ethylbenzene	ND	0.0250	1	05/28/25	05/30/25	
Toluene	ND	0.0250	1	05/28/25	05/30/25	
o-Xylene	ND	0.0250	1	05/28/25	05/30/25	
p,m-Xylene	ND	0.0500	1	05/28/25	05/30/25	
Total Xylenes	ND	0.0250	1	05/28/25	05/30/25	
Surrogate: 4-Bromochlorobenzene-PID		87.2 %	70-130	05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2522039
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/28/25	05/30/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.2 %	70-130	05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2522069
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/25	05/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/25	05/30/25	
Surrogate: n-Nonane		106 %	61-141	05/29/25	05/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2522058
Chloride	3350	40.0	2	05/28/25	05/29/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/3/2025 3:20:20PM

BH15-4'

E505292-11

	Reporting				
Result	Limit	Dilut	ion Prepai	ed Analyzed	Notes
mg/kg	mg/kg	A	Analyst: SL		Batch: 2522039
ND	0.0250	1	05/28/	25 05/30/25	
ND	0.0250	1	05/28/	25 05/30/25	
ND	0.0250	1	05/28/	25 05/30/25	
ND	0.0250	1	05/28/	25 05/30/25	
ND	0.0500	1	05/28/	25 05/30/25	
ND	0.0250	1	05/28/	25 05/30/25	
	89.3 %	70-130	05/28/	/25 05/30/25	
mg/kg	mg/kg	Α	Analyst: SL		Batch: 2522039
ND	20.0	1	05/28/	25 05/30/25	
	96.6 %	70-130	05/28/	/25 05/30/25	
mg/kg	mg/kg	Α	Analyst: NV		Batch: 2522069
ND	25.0	1	05/29/	25 05/30/25	
ND	50.0	1	05/29/	25 05/30/25	
	106 %	61-141	05/29/	/25 05/30/25	
mg/kg	106 % mg/kg		05/29/ Analyst: DT	25 05/30/25	Batch: 2522058
	mg/kg ND	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 89.3 % mg/kg MD 20.0 96.6 % mg/kg ND 25.0	Result Limit Dilut mg/kg mg/kg A ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 89.3 % 70-130 mg/kg mg/kg A ND 20.0 1 96.6 % 70-130 A mg/kg mg/kg A ND 25.0 1	Result Limit Dilution Preparence mg/kg mg/kg Analyst: SL ND 0.0250 1 05/28/ ND 0.0250 1 05/28/ ND 0.0250 1 05/28/ ND 0.0250 1 05/28/ ND 0.0500 1 05/28/ ND 0.0250 1 05/28/ mg/kg mg/kg Analyst: SL ND 20.0 1 05/28/ mg/kg mg/kg Analyst: NV mg/kg mg/kg Analyst: NV ND 25.0 1 05/29/	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 05/28/25 05/30/25 ND 0.0500 1 05/28/25 05/30/25 ND 0.0250 1 05/28/25 05/30/25 mg/kg mg/kg Analyst: SL ND 20.0 1 05/28/25 05/30/25 mg/kg mg/kg Analyst: SL 05/30/25 mg/kg mg/kg Analyst: NV ND 25.0 1 05/29/25 05/30/25



Chloride

Sample Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/3/2025 3:20:20PM

BH15-5'

		E505292-12				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: SL		Batch: 2522039
Benzene	ND	0.0250	1	05/28/25	05/30/25	
Ethylbenzene	ND	0.0250	1	05/28/25	05/30/25	
Toluene	ND	0.0250	1	05/28/25	05/30/25	
o-Xylene	ND	0.0250	1	05/28/25	05/30/25	
p,m-Xylene	ND	0.0500	1	05/28/25	05/30/25	
Total Xylenes	ND	0.0250	1	05/28/25	05/30/25	
Surrogate: 4-Bromochlorobenzene-PID		88.3 %	70-130	05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: SL		Batch: 2522039
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/28/25	05/30/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.1 %	70-130	05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: NV		Batch: 2522069
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/25	05/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/25	05/30/25	
Surrogate: n-Nonane		108 %	61-141	05/29/25	05/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: DT		Batch: 2522058

20.0

277

05/28/25

05/29/25



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/3/2025 3:20:20PM

BH16-0'

E505292-13							
Reporting							
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2522039	
Benzene	ND	0.0250	1	05/28/25	05/30/25		
Ethylbenzene	ND	0.0250	1	05/28/25	05/30/25		
Toluene	ND	0.0250	1	05/28/25	05/30/25		
o-Xylene	ND	0.0250	1	05/28/25	05/30/25		
p,m-Xylene	ND	0.0500	1	05/28/25	05/30/25		
Total Xylenes	ND	0.0250	1	05/28/25	05/30/25		
Surrogate: 4-Bromochlorobenzene-PID		89.2 %	70-130	05/28/25	05/30/25		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2522039	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/28/25	05/30/25		
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.3 %	70-130	05/28/25	05/30/25		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2522069	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/25	05/30/25		
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/25	05/30/25		
Surrogate: n-Nonane		105 %	61-141	05/29/25	05/30/25		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2522058	
Chloride	90.8	20.0	1	05/28/25	05/29/25		



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/3/2025 3:20:20PM

BH16-0.5'

		E505292-14				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2522039
Benzene	ND	0.0250	1	05/28/25	05/30/25	
Ethylbenzene	ND	0.0250	1	05/28/25	05/30/25	
Toluene	ND	0.0250	1	05/28/25	05/30/25	
o-Xylene	ND	0.0250	1	05/28/25	05/30/25	
o,m-Xylene	ND	0.0500	1	05/28/25	05/30/25	
Total Xylenes	ND	0.0250	1	05/28/25	05/30/25	
Surrogate: 4-Bromochlorobenzene-PID		90.3 %	70-130	05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2522039
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/28/25	05/30/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.8 %	70-130	05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2522069
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/25	05/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/25	05/30/25	
Surrogate: n-Nonane		111 %	61-141	05/29/25	05/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2522058
Chloride	163	20.0	1	05/28/25	05/29/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/3/2025 3:20:20PM

BH17-0'

E505292-15

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2522039
Benzene	ND	0.0250	1	05/28/25	05/30/25	
Ethylbenzene	ND	0.0250	1	05/28/25	05/30/25	
Toluene	ND	0.0250	1	05/28/25	05/30/25	
o-Xylene	ND	0.0250	1	05/28/25	05/30/25	
p,m-Xylene	ND	0.0500	1	05/28/25	05/30/25	
Total Xylenes	ND	0.0250	1	05/28/25	05/30/25	
Surrogate: 4-Bromochlorobenzene-PID		91.6 %	70-130	05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2522039
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/28/25	05/30/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.8 %	70-130	05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2522069
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/25	05/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/25	05/30/25	
Surrogate: n-Nonane		107 %	61-141	05/29/25	05/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2522058
Chloride	ND	20.0	1	05/28/25	05/29/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/3/2025 3:20:20PM

BH17-0.5' E505292-16

		E303292-10				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Thatye	resuit	- Emili	Direction	Trepured	7 Hary Zea	rotes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2522039
Benzene	ND	0.0250	1	05/28/25	05/30/25	
Ethylbenzene	ND	0.0250	1	05/28/25	05/30/25	
Toluene	ND	0.0250	1	05/28/25	05/30/25	
o-Xylene	ND	0.0250	1	05/28/25	05/30/25	
p,m-Xylene	ND	0.0500	1	05/28/25	05/30/25	
Total Xylenes	ND	0.0250	1	05/28/25	05/30/25	
Surrogate: 4-Bromochlorobenzene-PID		91.1 %	70-130	05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2522039
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/28/25	05/30/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.1 %	70-130	05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2522069
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/25	05/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/25	05/30/25	
Surrogate: n-Nonane		106 %	61-141	05/29/25	05/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2522058
Chloride	ND	20.0	1	05/28/25	05/29/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/3/2025 3:20:20PM

BH18-0'

E505292-17

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2522039
Benzene	ND	0.0250	1	05/28/25	05/30/25	
Ethylbenzene	ND	0.0250	1	05/28/25	05/30/25	
Toluene	ND	0.0250	1	05/28/25	05/30/25	
o-Xylene	ND	0.0250	1	05/28/25	05/30/25	
p,m-Xylene	ND	0.0500	1	05/28/25	05/30/25	
Total Xylenes	ND	0.0250	1	05/28/25	05/30/25	
Surrogate: 4-Bromochlorobenzene-PID		90.4 %	70-130	05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2522039
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/28/25	05/30/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.9 %	70-130	05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: NV		Batch: 2522069
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/25	05/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/25	05/30/25	
Surrogate: n-Nonane		105 %	61-141	05/29/25	05/30/25	
	/1	/1	Ana	ılyst: DT		Batch: 2522058
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Alla	nyst. D1		Daten. 2322030



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/3/2025 3:20:20PM

BH18-0.5' E505292-18

		2000272 10				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2522039
Benzene	ND	0.0250	1	05/28/25	05/30/25	
Ethylbenzene	ND	0.0250	1	05/28/25	05/30/25	
Toluene	ND	0.0250	1	05/28/25	05/30/25	
o-Xylene	ND	0.0250	1	05/28/25	05/30/25	
p,m-Xylene	ND	0.0500	1	05/28/25	05/30/25	
Total Xylenes	ND	0.0250	1	05/28/25	05/30/25	
Surrogate: 4-Bromochlorobenzene-PID		90.8 %	70-130	05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2522039
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/28/25	05/30/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.0 %	70-130	05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2522069
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/25	05/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/25	05/30/25	
Surrogate: n-Nonane		105 %	61-141	05/29/25	05/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2522058
Chloride	ND	20.0	1	05/28/25	05/29/25	



Chloride

Sample Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/3/2025 3:20:20PM

BH19-0'

		E505292-19				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2522039
Benzene	ND	0.0250	1	05/28/25	05/30/25	
Ethylbenzene	ND	0.0250	1	05/28/25	05/30/25	
Toluene	ND	0.0250	1	05/28/25	05/30/25	
o-Xylene	ND	0.0250	1	05/28/25	05/30/25	
p,m-Xylene	ND	0.0500	1	05/28/25	05/30/25	
Total Xylenes	ND	0.0250	1	05/28/25	05/30/25	
Surrogate: 4-Bromochlorobenzene-PID		91.2 %	70-130	05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2522039
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/28/25	05/30/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.4 %	70-130	05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2522069
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/25	05/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/25	05/30/25	
Surrogate: n-Nonane		115 %	61-141	05/29/25	05/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2522058

20.0

05/28/25

05/29/25

ND



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/3/2025 3:20:20PM

BH19-0.5'

		E505292-20				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2522039
Benzene	ND	0.0250	1	05/28/25	05/30/25	
Ethylbenzene	ND	0.0250	1	05/28/25	05/30/25	
Toluene	ND	0.0250	1	05/28/25	05/30/25	
o-Xylene	ND	0.0250	1	05/28/25	05/30/25	
p,m-Xylene	ND	0.0500	1	05/28/25	05/30/25	
Total Xylenes	ND	0.0250	1	05/28/25	05/30/25	
Surrogate: 4-Bromochlorobenzene-PID		91.8 %	70-130	05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2522039
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/28/25	05/30/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.6 %	70-130	05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: NV		Batch: 2522069
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/25	05/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/25	05/30/25	
Surrogate: n-Nonane		105 %	61-141	05/29/25	05/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: DT		Batch: 2522058
Chloride	ND	20.0	1	05/28/25	05/29/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/3/2025 3:20:20PM

BH20-0'

		E505292-21				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2522040
Benzene	ND	0.0250	1	05/28/25	05/30/25	
Ethylbenzene	ND	0.0250	1	05/28/25	05/30/25	
Toluene	ND	0.0250	1	05/28/25	05/30/25	
o-Xylene	ND	0.0250	1	05/28/25	05/30/25	
p,m-Xylene	ND	0.0500	1	05/28/25	05/30/25	
Total Xylenes	ND	0.0250	1	05/28/25	05/30/25	
Surrogate: 4-Bromochlorobenzene-PID		95.2 %	70-130	05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2522040
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/28/25	05/30/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.4 %	70-130	05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2522065
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/25	05/30/25	
Oil Range Organics (C28-C36)	85.5	50.0	1	05/29/25	05/30/25	
Surrogate: n-Nonane		99.9 %	61-141	05/29/25	05/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: JM		Batch: 2522057
Chloride	178	20.0	1	05/28/25	05/29/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/3/2025 3:20:20PM

BH20-0.5'

		E505292-22				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: BA		Batch: 2522040
Benzene	ND	0.0250	1	05/28/25	05/29/25	
Ethylbenzene	ND	0.0250	1	05/28/25	05/29/25	
Toluene	ND	0.0250	1	05/28/25	05/29/25	
o-Xylene	ND	0.0250	1	05/28/25	05/29/25	
p,m-Xylene	ND	0.0500	1	05/28/25	05/29/25	
Total Xylenes	ND	0.0250	1	05/28/25	05/29/25	
Surrogate: 4-Bromochlorobenzene-PID		99.7 %	70-130	05/28/25	05/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: BA		Batch: 2522040
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/28/25	05/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.5 %	70-130	05/28/25	05/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2522065
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/25	05/30/25	
Oil Range Organics (C28-C36)	83.1	50.0	1	05/29/25	05/30/25	
Surrogate: n-Nonane		101 %	61-141	05/29/25	05/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: JM		Batch: 2522057
Chloride	50.9	20.0	1	05/28/25	05/29/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/3/2025 3:20:20PM

BH21-0'

		E505292-23				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2522040
Benzene	ND	0.0250	1	05/28/25	05/30/25	
Ethylbenzene	ND	0.0250	1	05/28/25	05/30/25	
Toluene	ND	0.0250	1	05/28/25	05/30/25	
o-Xylene	ND	0.0250	1	05/28/25	05/30/25	
p,m-Xylene	ND	0.0500	1	05/28/25	05/30/25	
Total Xylenes	ND	0.0250	1	05/28/25	05/30/25	
Surrogate: 4-Bromochlorobenzene-PID		93.4 %	70-130	05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2522040
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/28/25	05/30/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.2 %	70-130	05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2522065
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/25	05/30/25	
Oil Range Organics (C28-C36)	65.2	50.0	1	05/29/25	05/30/25	
Surrogate: n-Nonane		102 %	61-141	05/29/25	05/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: JM		Batch: 2522057
Chloride	ND	20.0	1	05/28/25	05/29/25	



Surrogate: n-Nonane

Chloride

Anions by EPA 300.0/9056A

Sample Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/3/2025 3:20:20PM

BH21-0.5'

		E505292-24				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2522040
Benzene	ND	0.0250	1	05/28/25	05/30/25	
Ethylbenzene	ND	0.0250	1	05/28/25	05/30/25	
Toluene	ND	0.0250	1	05/28/25	05/30/25	
o-Xylene	ND	0.0250	1	05/28/25	05/30/25	
p,m-Xylene	ND	0.0500	1	05/28/25	05/30/25	
Total Xylenes	ND	0.0250	1	05/28/25	05/30/25	
Surrogate: 4-Bromochlorobenzene-PID		95.8 %	70-130	05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2522040
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/28/25	05/30/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.9 %	70-130	05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2522065
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/25	05/30/25	
Oil Range Organics (C28-C36)	63.9	50.0	1	05/29/25	05/30/25	

99.2 %

20.0

mg/kg

ND

61-141



05/30/25

05/29/25

Batch: 2522057

05/29/25

05/28/25

Analyst: JM

1

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/3/2025 3:20:20PM

BH22-0'

E505292-25

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	nlyst: BA		Batch: 2522040
Benzene	ND	0.0250	1	05/28/25	05/30/25	
Ethylbenzene	ND	0.0250	1	05/28/25	05/30/25	
Toluene	ND	0.0250	1	05/28/25	05/30/25	
o-Xylene	ND	0.0250	1	05/28/25	05/30/25	
p,m-Xylene	ND	0.0500	1	05/28/25	05/30/25	
Total Xylenes	ND	0.0250	1	05/28/25	05/30/25	
Surrogate: 4-Bromochlorobenzene-PID		94.1 %	70-130	05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2522040
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/28/25	05/30/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.7 %	70-130	05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: NV		Batch: 2522065
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/25	05/30/25	
Oil Range Organics (C28-C36)	55.7	50.0	1	05/29/25	05/30/25	
Surrogate: n-Nonane		99.1 %	61-141	05/29/25	05/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2522057
· ·	ND	20.0	•	05/28/25	05/29/25	



Sample Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/3/2025 3:20:20PM

BH22-0.5'

		E505292-26				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2522040
Benzene	ND	0.0250	1	05/28/25	05/30/25	
Ethylbenzene	ND	0.0250	1	05/28/25	05/30/25	
Toluene	ND	0.0250	1	05/28/25	05/30/25	
o-Xylene	ND	0.0250	1	05/28/25	05/30/25	
p,m-Xylene	ND	0.0500	1	05/28/25	05/30/25	
Total Xylenes	ND	0.0250	1	05/28/25	05/30/25	
Surrogate: 4-Bromochlorobenzene-PID		94.4 %	70-130	05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2522040
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/28/25	05/30/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.2 %	70-130	05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2522065
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/25	05/30/25	
Oil Range Organics (C28-C36)	54.6	50.0	1	05/29/25	05/30/25	
Surrogate: n-Nonane		101 %	61-141	05/29/25	05/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: JM		Batch: 2522057
Chloride	ND	20.0	1	05/28/25	05/29/25	



QC Summary Data

Marwari 28 CTB 2 Devon Energy - Carlsbad Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Ashley Giovengo 6/3/2025 3:20:20PM **Volatile Organics by EPA 8021B** Analyst: SL Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2522039-BLK1) Prepared: 05/28/25 Analyzed: 05/29/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.29 8.00 91.1 70-130 LCS (2522039-BS1) Prepared: 05/28/25 Analyzed: 05/29/25 5.24 105 70-130 5.00 Benzene 0.0250 Ethylbenzene 5.18 0.0250 5.00 104 70-130 5.22 0.0250 5.00 104 70-130 Toluene 5.12 102 o-Xylene 0.0250 5.00 70-130 10.5 10.0 105 70-130 0.0500 p.m-Xvlene 104 70-130 15.6 15.0 Total Xylenes 0.0250 8.00 91.6 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.33 Matrix Spike (2522039-MS1) Source: E505292-06 Prepared: 05/28/25 Analyzed: 05/29/25 4.10 0.0250 5.00 ND 82.1 70-130 Benzene ND 70-130 Ethylbenzene 4.00 0.0250 5.00 80.1 Toluene 4.06 0.0250 5.00 ND 81.2 70-130 3.95 ND 79.0 70-130 5.00 0.0250 o-Xylene p,m-Xylene 8.12 0.0500 10.0 ND 81.2 70-130 12.1 0.0250 15.0 ND 70-130 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.05 8.00 Matrix Spike Dup (2522039-MSD1) Source: E505292-06 Prepared: 05/28/25 Analyzed: 05/29/25

4.81

4.71

4 78

4.64

9.52

14.2

6.94

0.0250

0.0250

0.0250

0.0250

0.0500

0.0250

5.00

5.00

5.00

5.00

10.0

15.0

8.00

ND

ND

ND

ND

ND

ND

96.3

94.3

95.5

92.7

95.2

94.4

86.8

70-130

70-130

70-130

70-130

70-130

70-130

70-130

15.9

16.3

16.1

16.0

15.9

15.9

27

26

20

25

23

26



Ethylbenzene Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

QC Summary Data

Marwari 28 CTB 2 Devon Energy - Carlsbad Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Ashley Giovengo 6/3/2025 3:20:20PM **Volatile Organics by EPA 8021B** Analyst: BA Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2522040-BLK1) Prepared: 05/28/25 Analyzed: 05/29/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 8.05 8.00 101 70-130 LCS (2522040-BS1) Prepared: 05/28/25 Analyzed: 05/29/25 5.46 109 70-130 5.00 Benzene 0.0250 Ethylbenzene 5.40 0.0250 5.00 108 70-130 5.45 0.0250 5.00 109 70-130 Toluene o-Xylene 5.31 0.0250 5.00 106 70-130 10.8 10.0 108 70-130 0.0500 p.m-Xvlene 108 70-130 16.2 15.0 Total Xylenes 0.0250 8.00 101 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.04 Matrix Spike (2522040-MS1) Source: E505292-22 Prepared: 05/28/25 Analyzed: 05/29/25 5.54 0.0250 5.00 ND 111 70-130 Benzene ND 70-130 Ethylbenzene 5.46 0.0250 5.00 109 Toluene 5.52 0.0250 5.00 ND 110 70-130 5.38 ND 108 70-130 5.00 0.0250 o-Xylene p,m-Xylene 11.0 0.0500 10.0 ND 110 70-130 16.4 0.0250 15.0 ND 70-130 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.94 8.00 Matrix Spike Dup (2522040-MSD1) Source: E505292-22 Prepared: 05/28/25 Analyzed: 05/29/25 4.98 0.0250 5.00 ND 70-130 10.6 27

4.91

4 96

4.82

9.88

14.7

7.86

0.0250

0.0250

0.0250

0.0500

0.0250

5.00

5.00

5.00

10.0

15.0

8.00

ND

ND

ND

ND

ND

98.2

99.3

96.5

98.8

98.1

98.2

70-130

70-130

70-130

70-130

70-130

70-130

10.6

10.7

10.8

10.4

10.6

26

20

25

23

26



Ethylbenzene Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy Artesia NM, 88210	Project Number: Project Manager:	01058-0007 Ashley Giovengo	6/3/2025 3:20:20PM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go			6/3	3/2025 3:20:20PM		
	Nor	Nonhalogenated Organics by EPA 8015D - GRO							Analyst: SL		
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes		
Blank (2522039-BLK1)							Prepared: 0	5/28/25 Anal	yzed: 05/29/25		
Gasoline Range Organics (C6-C10)	ND	20.0									
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.73		8.00		96.6	70-130					
LCS (2522039-BS2)							Prepared: 0	5/28/25 Analy	yzed: 05/29/25		
Gasoline Range Organics (C6-C10)	42.3	20.0	50.0		84.6	70-130					
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.80		8.00		97.5	70-130					
Matrix Spike (2522039-MS2)				Source:	E505292-	06	Prepared: 0	5/28/25 Analy	yzed: 05/29/25		
Gasoline Range Organics (C6-C10)	45.7	20.0	50.0	ND	91.4	70-130					
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.84		8.00		98.0	70-130					
Matrix Spike Dup (2522039-MSD2)				Source:	E505292-	06	Prepared: 0	5/28/25 Analy	yzed: 05/30/25		
Gasoline Range Organics (C6-C10)	44.7	20.0	50.0	ND	89.4	70-130	2.29	20			

8.00

7.82

97.8

70-130



Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/3/2025 3:20:20PM

Artesia NM, 88210		Project Manage	r: As	shley Gioven	go			6/3	/2025 3:20:20PM
	Nor	Nonhalogenated Organics by EPA 8015D - GRO							Analyst: BA
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2522040-BLK1)							Prepared: 0	5/28/25 Anal	yzed: 05/29/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.85		8.00		98.1	70-130			
LCS (2522040-BS2)							Prepared: 0	5/28/25 Analy	yzed: 05/29/25
Gasoline Range Organics (C6-C10)	45.7	20.0	50.0		91.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.01		8.00		100	70-130			
Matrix Spike (2522040-MS2)				Source:	E505292-	22	Prepared: 0	5/28/25 Analy	yzed: 05/29/25
Gasoline Range Organics (C6-C10)	49.5	20.0	50.0	ND	99.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.87		8.00		98.4	70-130			
Matrix Spike Dup (2522040-MSD2)				Source:	E505292-	22	Prepared: 0	5/28/25 Analy	yzed: 05/29/25
Gasoline Range Organics (C6-C10)	49.2	20.0	50.0	ND	98.3	70-130	0.786	20	

8.00

7.93

99.1

70-130



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	·
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/3/2025 3:20:20PM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go			6/3	3/2025 3:20:20PM		
	Nonhalogenated Organics by EPA 8015D - DRO/ORO							Analyst: NV			
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2522065-BLK1)							Prepared: 0	5/29/25 Anal	yzed: 05/29/25		
Diesel Range Organics (C10-C28)	ND	25.0									
Oil Range Organics (C28-C36)	ND	50.0									
Surrogate: n-Nonane	53.5		50.0		107	61-141					
LCS (2522065-BS1)							Prepared: 0	5/29/25 Anal	yzed: 05/29/25		
Diesel Range Organics (C10-C28)	277	25.0	250		111	66-144					
Surrogate: n-Nonane	51.1		50.0		102	61-141					
Matrix Spike (2522065-MS1)				Source:	E505281-	02	Prepared: 0	5/29/25 Anal	yzed: 06/03/25		
Diesel Range Organics (C10-C28)	7200	500	250	7430	NR	56-156			M4		
Surrogate: n-Nonane	84.3		50.0		169	61-141			S5		
Matrix Spike Dup (2522065-MSD1)				Source:	E505281-	02	Prepared: 0	5/29/25 Anal	yzed: 06/03/25		
Diesel Range Organics (C10-C28)	7940	500	250	7430	204	56-156	9.79	20	M4		
Surrogate: n-Nonane	88.5		50.0		177	61-141			S5		

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	-
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/3/2025 3:20:20PM

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go				6/3/2025 3:20:20PM		
	Nonhalogenated Organics by EPA 8015D - DRO/ORO							Analyst: NV			
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2522069-BLK1)							Prepared: 0	5/29/25 Aı	nalyzed: 05/29/25		
Diesel Range Organics (C10-C28)	ND	25.0									
Oil Range Organics (C28-C36)	ND	50.0									
Surrogate: n-Nonane	53.2		50.0		106	61-141					
LCS (2522069-BS1)							Prepared: 0	5/29/25 Aı	nalyzed: 05/29/25		
Diesel Range Organics (C10-C28)	292	25.0	250		117	66-144					
Surrogate: n-Nonane	54.6		50.0		109	61-141					
Matrix Spike (2522069-MS1)				Source:	E505292-0	01	Prepared: 0	5/29/25 Aı	nalyzed: 05/29/25		
Diesel Range Organics (C10-C28)	286	25.0	250	ND	114	56-156					
Surrogate: n-Nonane	52.2		50.0		104	61-141					
Matrix Spike Dup (2522069-MSD1)				Source:	E505292-0	01	Prepared: 0	5/29/25 A1	nalyzed: 05/29/25		
Diesel Range Organics (C10-C28)	286	25.0	250	ND	114	56-156	0.146	20			
Surrogate: n-Nonane	52.7		50.0		105	61-141					

Chloride

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Number:	Marwari 28 CTB 2 01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/3/2025 3:20:20PM
_	A h]	EDA 200 0/0057 A	

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go			(5/3/2025 3:20:20PM	
	Anions by EPA 300.0/9056A								Analyst: JM	
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes	
Blank (2522057-BLK1)							Prepared: 0	5/28/25 An	alyzed: 05/29/25	
Chloride	ND	20.0								
LCS (2522057-BS1)				Prepared:				5/28/25 An	alyzed: 05/29/25	
Chloride	253	20.0	250		101	90-110				
Matrix Spike (2522057-MS1)				Source:	E505292-	22	Prepared: 0	5/28/25 An	alyzed: 05/29/25	
Chloride	304	20.0	250	50.9	101	80-120				
Matrix Spike Dup (2522057-MSD1)				Source:	E505292-	22	Prepared: 0	5/28/25 An	alyzed: 05/29/25	

250

102

80-120

0.357

20.0



Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		[arwari 28 CT] [058-0007	B 2				Reported:
Artesia NM, 88210		Project Manager:		shley Gioveng	go				6/3/2025 3:20:20PM
		Anions	by EPA 3	300.0/9056 <i>A</i>	1				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2522058-BLK1)							Prepared: 0:	5/28/25	Analyzed: 05/29/25
Chloride	ND	20.0							
LCS (2522058-BS1)							Prepared: 0	5/28/25	Analyzed: 05/29/25
Chloride	261	20.0	250		104	90-110			
Matrix Spike (2522058-MS1)				Source:	E505292-0)4	Prepared: 0	5/28/25	Analyzed: 05/29/25
Chloride	276	20.0	250	ND	110	80-120			
Matrix Spike Dup (2522058-MSD1)				Source:	E505292-0)4	Prepared: 0	5/28/25	Analyzed: 05/29/25
Chloride	275	20.0	250	ND	110	80-120	0.419	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

ſ	Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
l	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
l	Artesia NM, 88210	Project Manager:	Ashley Giovengo	06/03/25 15:20

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.

S5 Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.

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.



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	Clie	nt Inform	nation		Inv	oice Information	n			La	b Us	e On	ly			T	AT		Sta	te
Client: D					Company: De			Lab	wo#	100	_		Numbe		1D	2D	3D St	d NM	CO U	T TX
	Marwari 28		SALES I			Buena Vista Dr		E	505	29	2	Old	58.W	10			x	x		
	Manager: As 3122 Natio				City, State, Zip: Carlsbad NM, 88220 Phone: (575)689-7597				_			A		-1 0.0-	46-4			1 -	DA D	
	te, Zip: Carls		De A STATE	- 100	Email: jim.rale							Ana	lysis ar	I IVIE	thou			SDWA	PA Prog	
	575-988-005		OULLO	W.	Miscellaneous:			-										JOVA	CVVA	HCKA
Email: a	giovengo@e	nsolum.c	om						15	15								Complian	ce Y	or N
									oy 80	y 8015	77	00	0.0	tals				PWSID #		
15.000				Sample Infor	mation		LU		ORO L	ORO E	oy 80	y 826	de 30	M Me		NN	¥	ale du		
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID		Field	mber	DRO/ORO by 8015	GRO/DRO by	BTEX by 8021	VOC by 8260	Chloride 300.0	RCRA 8 Metals		BGDOC - NM	BGDOC - TX	Samle Temp	Ke	emarks
048	5h3hors	Soil	1		BH11-	O'	1									+		2.0		
1056	1	1	1		BH 11-	0.51	8)								+		23		
1052					BH12-	0'	3	3								+		2.1		
1056					BH12-		4									+		1.8		
1125					BH13-	01		5								4		2.2		
1127					BH13		(0								4		2.3		
1133					BH 14	-01	-	7								×		2.2		
1043					BHIS	-01	1	3								*		2.2		
1133					BHIL		(Y								X		2.1		
1320	J	J			BHIS		l	0								4		8.1		
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State

NM CO UT TX

EPA Program

CWA

Y or

RCRA

SDWA

Compliance

PWSID#

TAT

1D 2D 3D Std

Job Number

1000-8-2010

Analysis and Method

Lab Use Only

Lab WO#

E505292

RO/ORO by 8015 RO/DRO by 8015

Invoice Information

Company: Devon Energy

Email: jim.raley@dvn.com

Phone: (575)689-7597

Miscellaneous: Jim Raley

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.

Address: 5315 Buena Vista Dr City, State, Zip: Carlsbad NM, 88220

envirotech Analytical Laboratory

Client: Devon

Project: Marwari 28 CTB 2

Phone: 575-988-0055

Project Manager: Ashley Giovengo Address: 3122 National Parks Hwy

City, State, Zip: Carlsbad NM, 88220

Email: agiovengo@ensolum.com

Client Information

								y 80	94 80	21	Q	0.0	tals ×			PWSID#	
				Sample Infor	mation		T .T	RO b	RO b	y 80.	/ 826	Je 30	Me S	2	×	을 다	Second 19
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID		Number Fab	DRO/ORO by 80	GRO/DRO by 80	BTEX by 8021	VOC by 8260	Chloride 300.0	RCRA 8 Metals	MN - DOUGH	BGDOC - TX	Samle Temp	Remarks
1351	Shahos	Soil	1		BHIS-L	11	11								K	1.7	
1353	M.		1		BH15-5	51	12							1		2.1	
1058					BH16-0)'	13							4		2.0	
1100					BH16-1	0,5'	14							-	1	2.3	
1120					BH17 -	Ot	15							-	t	2.9	
1122					BHI7-	0.5'	10							+	2	2.0	
1136					13418~	0'	17							+		3.8	
1138					BH18-	-0,51	18							4		2.1	
1038					BH19-	- O _t	19							7	(2.7	
1040	J	7	L		BH19	-O.S'	20								(3.7	
And a second of					사용하다면서 하루, 가게 하셔주다	@ensolum.com, ji onzales@ensolum.c	1 (@ens	iolum.com,	
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Relinquish	ed by: (Signatur	e) /		Date	Time	Received by: (Signal	ure)		Date	9 1		Ti	me			Lab L	Ise Only
Relinquish	ned by: (Signatur	re)		Date	Time	Received by: (Signat	ture)		Date			Ti	me				ed on ice:)/ N
Sample Ma	trix: S - Soil, Sd - S	olid, Sg - Slu	dge, A - Aque	eous, 0 - Other			Container Typ	e: g -	glass,	p - p	oly/pl	astic,	ag - amb	er glass	, v - VO	DA AC	
Note: San	ples are discard	ded 14 days	s after resul	ts are reported unless	other arrangements	are made. Hazardous s	amples will be retu	rned t	to clier	nt or d	ispose	d of at	the clien	t expens	e. The re	eport for the analys	is of the above

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	Cl	ent Inform	nation		In	voice Information				La	b Use	Only				TA	AT.		Stat	re
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	Marwari 2					15 Buena Vista Dr	220	_ E	E506292 101058:0007							х	×			
	Manager: A 3122 Nat				City, State, Zip: Carlsbad NM, 88220 Phone: (575)689-7597							Analys	is and	d Met	hod		EPA Program			
	te, Zip: Car			- N		ley@dvn.com						T	T					SDWA	CWA	RCR
	575-988-00				Miscellaneous															
Email: a	giovengo@	ensolum.	com			Party.			8015	115								Complian	ce Y	or
									<u>6</u>	by 80	121	09	×	stals		_		PWSID #		
Time	Date Sample	d Matrix	No. of	Sample Info	Sample ID		Field	Lab	DRO/ORO	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX	Samle Temp	Re	marks
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	24 43.114	5 5011	,		13420-			21				+	+			7		3.5		
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1116					BH21-	0'		23								*		3.3		
1117					BH21-	0.5'		24								X		2.9		
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I, (field sam	pler), attest to	the validity ar	d authenticit			conzales@ensolum. th or intentionally mislabeli										may be	grounds fo	r legal action.		
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envirotech Inc.

Printed: 5/28/2025 8:10:01AM

Envirotech Analytical Laboratory

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:	Devon Energy - Carlsbad	Date Received:	05/28/25 (06:30			Work Order ID:	E505292
Phone:	(505) 382-1211	Date Logged In:	05/27/25	15:37			Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	06/03/25	17:00 (4 d	ay TAT)			
Chain of	Custody (COC)							
1. Does th	ne sample ID match the COC?		Yes					
2. Does th	ne number of samples per sampling site location ma	tch the COC	Yes					
3. Were sa	amples dropped off by client or carrier?		Yes	C	Carrier: C	Courier		
4. Was the	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes					
5. Were a	Il samples received within holding time?		Yes					
	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssi						Comment	s/Resolution
Sample T	<u>urn Around Time (TAT)</u>							
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes					
Sample C	<u>Cooler</u>							
7. Was a s	sample cooler received?		Yes					
8. If yes,	was cooler received in good condition?		Yes					
9. Was the	e 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					
-	e sample received on ice?		Yes					
12. ((4)	Note: Thermal preservation is not required, if samples ar 15 minutes of sampling	e received within	103					
13. See C	OC for individual sample temps. Samples outside o	f 0°C-6°C will be	recorded i	in comme	ents.			
Sample C								
	queous VOC samples present?		No					
	OC samples collected in VOA Vials?		NA					
	head space less than 6-8 mm (pea sized or less)?		NA					
	trip blank (TB) included for VOC analyses?		NA					
	on-VOC samples collected in the correct containers	9	Yes					
	appropriate volume/weight or number of sample contain		Yes					
Field Lat	· · · · · · · · · · · · · · · · · · ·	ners concercu:	103					
	field sample labels filled out with the minimum info	armation:						
	ample ID?	ormation.	Yes					
	ate/Time Collected?		Yes		l			
C	ollectors name?		Yes					
Sample P	reservation_							
21. Does	the COC or field labels indicate the samples were p	reserved?	No					
22. Are sa	ample(s) correctly preserved?		NA					
24. Is lab	filtration required and/or requested for dissolved me	etals?	No					
Multipha	se Sample Matrix							
26. Does	the sample have more than one phase, i.e., multipha	se?	No					
27. If yes,	, does the COC specify which phase(s) is to be analy	yzed?	NA					
Subcontr	act Laboratory							
	amples required to get sent to a subcontract laborato	aru?	No					
	subcontract laboratory specified by the client and i	*	NA	Cubaant	tract Lab	NI A		
		1 30 WHO:	1421	Subcom	naci Lau	. INZ		
Client Ir	<u>astruction</u>							

Date

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

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Marwari 28 CTB 2

Work Order: E506147

Job Number: 01058-0007

Received: 6/18/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 6/24/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

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

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

Date Reported: 6/24/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Marwari 28 CTB 2

Workorder: E506147

Date Received: 6/18/2025 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/18/2025 7:00:00AM, under the Project Name: Marwari 28 CTB 2.

The analytical test results summarized in this report with the Project Name: Marwari 28 CTB 2 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881 Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe

Laboratory Technical Representative Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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QC - Volatile Organics by EPA 8021B	9
QC - Nonhalogenated Organics by EPA 8015D - GRO	10
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	11
QC - Anions by EPA 300.0/9056A	12
Definitions and Notes	13
Chain of Custody etc.	14

Sample Summary

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Donouted.
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	06/24/25 09:02

Client Sample ID	Lab Sample ID Matrix	Sampled	Received	Container
SS20-0'	E506147-01A Soil	06/16/25	06/18/25	Glass Jar, 2 oz.
SS20-1'	E506147-02A Soil	06/16/25	06/18/25	Glass Jar, 2 oz.
SS21-0'	E506147-03A Soil	06/16/25	06/18/25	Glass Jar, 2 oz.
SS21-1'	E506147-04A Soil	06/16/25	06/18/25	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/24/2025 9:02:13AM

SS20-0'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2525061
Benzene	ND	0.0250	1	06/18/25	06/18/25	
Ethylbenzene	ND	0.0250	1	06/18/25	06/18/25	
Toluene	ND	0.0250	1	06/18/25	06/18/25	
o-Xylene	ND	0.0250	1	06/18/25	06/18/25	
p,m-Xylene	ND	0.0500	1	06/18/25	06/18/25	
Total Xylenes	ND	0.0250	1	06/18/25	06/18/25	
Surrogate: 4-Bromochlorobenzene-PID		87.4 %	70-130	06/18/25	06/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2525061
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/18/25	06/18/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.6 %	70-130	06/18/25	06/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2525075
Diesel Range Organics (C10-C28)	ND	25.0	1	06/19/25	06/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/19/25	06/20/25	
Surrogate: n-Nonane		108 %	61-141	06/19/25	06/20/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2525080
					06/19/25	

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/24/2025 9:02:13AM

SS20-1'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2525061
Benzene	ND	0.0250	1	06/18/25	06/18/25	
Ethylbenzene	ND	0.0250	1	06/18/25	06/18/25	
Toluene	ND	0.0250	1	06/18/25	06/18/25	
o-Xylene	ND	0.0250	1	06/18/25	06/18/25	
p,m-Xylene	ND	0.0500	1	06/18/25	06/18/25	
Total Xylenes	ND	0.0250	1	06/18/25	06/18/25	
Surrogate: 4-Bromochlorobenzene-PID		86.6 %	70-130	06/18/25	06/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	analyst: SL		Batch: 2525061
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/18/25	06/18/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.8 %	70-130	06/18/25	06/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: NV		Batch: 2525075
Diesel Range Organics (C10-C28)	ND	25.0	1	06/19/25	06/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/19/25	06/21/25	
Surrogate: n-Nonane		104 %	61-141	06/19/25	06/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2525080
Chloride	27.9	20.0	1	06/19/25	06/19/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/24/2025 9:02:13AM

SS21-0'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: SL		Batch: 2525061
Benzene	ND	0.0250	1	06/18/25	06/18/25	
Ethylbenzene	ND	0.0250	1	06/18/25	06/18/25	
Toluene	ND	0.0250	1	06/18/25	06/18/25	
o-Xylene	ND	0.0250	1	06/18/25	06/18/25	
p,m-Xylene	ND	0.0500	1	06/18/25	06/18/25	
Total Xylenes	ND	0.0250	1	06/18/25	06/18/25	
Surrogate: 4-Bromochlorobenzene-PID		87.7 %	70-130	06/18/25	06/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: SL		Batch: 2525061
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/18/25	06/18/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.4 %	70-130	06/18/25	06/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: NV		Batch: 2525075
Diesel Range Organics (C10-C28)	ND	25.0	1	06/19/25	06/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/19/25	06/21/25	
Surrogate: n-Nonane		97.5 %	61-141	06/19/25	06/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: IY		Batch: 2525080
Chloride	276	20.0	1	06/19/25	06/19/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/24/2025 9:02:13AM

SS21-1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: SL		Batch: 2525061
Benzene	ND	0.0250	1	06/18/25	06/18/25	
Ethylbenzene	ND	0.0250	1	06/18/25	06/18/25	
Toluene	ND	0.0250	1	06/18/25	06/18/25	
o-Xylene	ND	0.0250	1	06/18/25	06/18/25	
p,m-Xylene	ND	0.0500	1	06/18/25	06/18/25	
Total Xylenes	ND	0.0250	1	06/18/25	06/18/25	
Surrogate: 4-Bromochlorobenzene-PID		87.9 %	70-130	06/18/25	06/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2525061
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/18/25	06/18/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.4 %	70-130	06/18/25	06/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2525075
Diesel Range Organics (C10-C28)	ND	25.0	1	06/19/25	06/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/19/25	06/21/25	
Surrogate: n-Nonane		112 %	61-141	06/19/25	06/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2525080
		20.0		06/19/25	06/19/25	



		QC 50	<u> </u>	ary Data					
Devon Energy - Carlsbad		Project Name:		Marwari 28 CT	B 2				Reported:
6488 7 Rivers Hwy Project Nu			roject Number: 01058-0007						
Artesia NM, 88210		Project Manager:		Ashley Gioveng	go				6/24/2025 9:02:13AN
		by EPA 802	1B				Analyst: SL		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2525061-BLK1)							Prepared: 0	6/18/25 A	.nalyzed: 06/19/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.02		8.00		87.8	70-130			
LCS (2525061-BS1)							Prepared: 0	6/18/25 A	nalyzed: 06/18/25
Benzene	5.11	0.0250	5.00		102	70-130			
Ethylbenzene	5.02	0.0250	5.00		100	70-130			
Toluene	5.09	0.0250	5.00		102	70-130			
p-Xylene	5.01	0.0250	5.00		100	70-130			
o,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	6.88		8.00		86.0	70-130			
Matrix Spike (2525061-MS1)				Source:	E506148-	02	Prepared: 0	6/18/25 A	nalyzed: 06/18/25
Benzene	5.66	0.0250	5.00	ND	113	70-130			
Ethylbenzene	5.55	0.0250	5.00	ND	111	70-130			
Toluene	5.62	0.0250	5.00	ND	112	70-130			
p-Xylene	5.50	0.0250	5.00	ND	110	70-130			
o,m-Xylene	11.2	0.0500	10.0	ND	112	70-130			
Total Xylenes	16.7	0.0250	15.0	ND	111	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.02		8.00		87.7	70-130			
Matrix Spike Dup (2525061-MSD1)				Source:	E506148-	02	Prepared: 0	6/18/25 A	nalyzed: 06/18/25

5.62

5.53

5.60

5.45

11.1

16.6

6.94

0.0250

0.0250

0.0250

0.0250

0.0500

0.0250

5.00

5.00

5.00

5.00

10.0

15.0

8.00

ND

ND

ND

ND

ND

ND

112

111

112

109

111

111

70-130

70-130

70-130

70-130

70-130

70-130

70-130

0.665

0.489

0.463

0.832

0.532

0.631

27

26

20

25

23

26



Benzene

Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Ethylbenzene

Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/24/2025 9:02:13AM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go			6/2	4/2025 9:02:13AM
	Nor	nhalogenated		Analyst: SL					
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2525061-BLK1)							Prepared: 0	6/18/25 Anal	yzed: 06/19/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.48		8.00		93.5	70-130			
LCS (2525061-BS2)							Prepared: 0	6/18/25 Anal	yzed: 06/18/25
Gasoline Range Organics (C6-C10)	44.7	20.0	50.0		89.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.55		8.00		94.4	70-130			
Matrix Spike (2525061-MS2)				Source:	E506148-	02	Prepared: 0	6/18/25 Anal	yzed: 06/18/25
Gasoline Range Organics (C6-C10)	46.7	20.0	50.0	ND	93.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.57		8.00		94.6	70-130			
Matrix Spike Dup (2525061-MSD2)				Source:	E506148-	02	Prepared: 0	6/18/25 Anal	yzed: 06/18/25
Gasoline Range Organics (C6-C10)	45.1	20.0	50.0	ND	90.3	70-130	3.30	20	

8.00

7.51

93.8

70-130

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	-
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/24/2025 9:02:13AM

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go				6/24/2025 9:02:13AN	
	Nonhalogenated Organics by EPA 8015D - DRO/ORO							Analyst: NV		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2525075-BLK1)							Prepared: 0	6/19/25 A	nalyzed: 06/20/25	
Diesel Range Organics (C10-C28)	ND	25.0								
Oil Range Organics (C28-C36)	ND	50.0								
Surrogate: n-Nonane	49.0		50.0		97.9	61-141				
LCS (2525075-BS1)							Prepared: 0	6/19/25 A	nalyzed: 06/20/25	
Diesel Range Organics (C10-C28)	246	25.0	250		98.3	66-144				
Surrogate: n-Nonane	48.9		50.0		97.8	61-141				
Matrix Spike (2525075-MS1)				Source:	E506146-0	08	Prepared: 0	6/19/25 A	nalyzed: 06/20/25	
Diesel Range Organics (C10-C28)	260	25.0	250	ND	104	56-156				
Surrogate: n-Nonane	52.6		50.0		105	61-141				
Matrix Spike Dup (2525075-MSD1)				Source:	E506146-	08	Prepared: 0	6/19/25 A	nalyzed: 06/20/25	
Diesel Range Organics (C10-C28)	267	25.0	250	ND	107	56-156	2.74	20		
Surrogate: n-Nonane	53.5		50.0		107	61-141				

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager	0	larwari 28 CT 1058-0007 shley Gioveng					Reported: 6/24/2025 9:02:13AM
		Anions	by EPA	300.0/9056	\				Analyst: IY
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2525080-BLK1)							Prepared: 0	6/19/25	Analyzed: 06/19/25
Chloride	ND	20.0							
LCS (2525080-BS1)							Prepared: 0	6/19/25	Analyzed: 06/19/25
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2525080-MS1)				Source:	E506158-	02	Prepared: 0	6/19/25	Analyzed: 06/19/25
Chloride	252	20.0	250	ND	101	80-120			
Matrix Spike Dup (2525080-MSD1)				Source:	E506158-	02	Prepared: 0	6/19/25	Analyzed: 06/19/25
Chloride	252	20.0	250	ND	101	80-120	0.0783	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

	Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
١	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
	Artesia NM, 88210	Project Manager:	Ashley Giovengo	06/24/25 09:02

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 WOH 21530990

	1	1
Page	of_	

Received by OCD: 12/12/2025 5:47:14 AM

	Clie	nt Inform	nation				Inv	oice Infor	mation	-		-		lab l	Jse O	nly	-			TA	AT.		_	Stat	P	1
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	Marwari	280	TB 2		- /	The second second	dress: 531	The second secon			F	b W	101	47	Nr.	58	m	7	10	20	X		X	20 01	11/	
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	giovengo@e		om																			Co	mplian	ce Y	or N	1
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Time Sampled	Date Sampled	Matrix	No. of Containers				Sample ID			Field	Lab Number	er cac/cac	GRO/DRO hv	BTEX by	VOC by	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC-		Samle	Ren	marks	
9:39	6/16/2025	S	1	SS20 - 0'																X			1.3	Come	er feel	
9:43	6/16/2025	S	1	SS20 - 1'							2									Х		CE	3.0	ass	-san	ple
11:03	6/16/2025	S	1	SS21 - 0'					1		3									Х		á	2.4	nam	e Nos	7
11:05	6/16/2025	S	1	SS20-14	55	21	-11				4									X		á	2.0	Che	int.	
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Relinquish	ed by: (Signatur	re)		Date		Time		Received	l by: (Signatu	ure)			Da	te			Time						110	ived on io	e:	
Sample Ma	trix: S - Soil, Sd - S	olid Se - Slu	dre A - Aque	ous O - Othe	r				-	ICon	tainer T	vpe: e	- g a	ss. p -	poly/	plastic	ag.	amh	er ela	55. V	- VOA					-
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	annlicable only																		- Sope		pc		and and	1-15-CT THE		

Imaging: 12/12/2025 8:49:07 AM



Client: Devon

Sampled

9:39

9:43

11:03

11:05

Phone: 575-988-0055

Client Information

Matrix

S

S

S

5

Containers

1

1

1

1

SS20 - 0'

SS20 - 1'

SS21 - 0'

SS20 - 1'

Project: Marway: 28 CTB 7

Project Manager: Ashley Giovengo

Address: 3122 National Parks Hwy

Email: agiovengo@ensolum.com

Date Sampled

6/16/2025

6/16/2025

6/16/2025

6/16/2025

City, State, Zip: Carlsbad NM, 88220

Chain of Custo

Invoice Information

Company: Devon Energy

Email: jim.raley@dvn.com

Phone: (575)689-7597

Miscellaneous: Jim Raley

Sample ID

Sample Information

Address: 5315 Buena Vista Dr

City, State, Zip: Carlsbad NM, 88220

Namber Name Name			La	b Us	e Or	ıly				TA	AT.				State	9	
SDWA CWA RCR SDWA CWA RCR Compliance Y Or PWS/DH	Lab S	WO#	014	7	00 10p	Num	ber	٦	1D :	2D	3D	Std X		СО	UT	TX	
Compliance Y Or PWS/ORO by 8015 Stew 8021 Compliance Y Or PWS/ORO py					Ana	lysis	and	Met	hod				E	A Pi	rogra	m	
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x 2.4										X			1.3				
))									X			3.0				
1 x 20										X			2.4				
1	1									X			Š.				

Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dvn.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jmccauley@ensolum.com, akone@ensolum.com, jgonzalezz@ensolum.com, jhinkle@ensolum.com

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:Jarad McCauley A12 Jonan	TEUNIS.				
Relinquished by: (Signature)	Date	Time	Received by: (Signature) Conzoles	Date 17-25	Time
Relinquished by: (Signature) Michelle, Gonzales	Date 67-25	Time 1730	Received by: (Signature)	6-17-25	1730
Relinquisted by: (Signature)	G-17-25	ZZ45	Received by: (Signature)	O-18-25	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

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

Lab Use Only Received on ice: ((Y)N

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

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.

Printed: 6/18/2025 9:29:32AM

Envirotech Analytical Laboratory

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:	Devon Energy - Carlsbad	Date Received:	06/18/25 07	7:00	Work Order ID:	E506147
Phone:	(505) 382-1211	Date Logged In:	06/17/25 16	5:03	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	06/24/25 1	7:00 (4 day TAT)		
Chain of	Custody (COC)					
1. Does th	ne sample ID match the COC?		Yes			
2. Does th	ne number of samples per sampling site location ma	tch the COC	Yes			
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: Courier		
4. Was the	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes			
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted i.e, 15 minute hold time, are not included in this disucss		Yes		Comment	s/Resolution
Sample T	Curn Around Time (TAT)	ion.				
	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample C	<u>-</u> Cooler_					
7. Was a s	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was the	e sample(s) received intact, i.e., not broken?		Yes			
10. Were	custody/security seals present?		No			
	were custody/security seals intact?		NA			
-	• •					
	e sample received on ice? Note: Thermal preservation is not required, if samples a 15 minutes of sampling		Yes			
	OC for individual sample temps. Samples outside of	of 0°C-6°C will be	recorded in	comments.		
	Container					
	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	trip blank (TB) included for VOC analyses?	_	NA			
	on-VOC samples collected in the correct containers		Yes			
19. Is the a	appropriate volume/weight or number of sample conta	iners collected?	Yes			
Field Lab						
	field sample labels filled out with the minimum inf	ormation:	V			
	ample ID? ate/Time Collected?		Yes			
	ollectors name?		Yes Yes			
	reservation		103			
	the COC or field labels indicate the samples were p	reserved?	No			
	ample(s) correctly preserved?		NA			
	filtration required and/or requested for dissolved m	etals?	No			
	se Sample Matrix					
	the sample have more than one phase, i.e., multiphate	ase?	No			
	does the COC specify which phase(s) is to be anal		NA			
•		yzcu.	NA			
	act Laboratory					
	amples required to get sent to a subcontract laborate	•	No			
	subcontract laboratory specified by the client and	if so who?	NA	Subcontract Lab: NA		
Client Ir	<u>nstruction</u>					

Date

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Marwari 28 CTB 2

Work Order: E506162

Job Number: 01058-0007

Received: 6/20/2025

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 6/30/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

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

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

Date Reported: 6/30/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Marwari 28 CTB 2

Workorder: E506162

Date Received: 6/20/2025 6:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/20/2025 6:30:00AM, under the Project Name: Marwari 28 CTB 2.

The analytical test results summarized in this report with the Project Name: Marwari 28 CTB 2 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881

Cell: 775-287-1762

whinchman@envirotech-inc.com

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Client Representative

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Donoutodi
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	06/30/25 11:28

Client Sample ID	Lab Sample ID Matrix	Sampled	Received	Container
SS22-0'	E506162-01A Soil	06/18/25	06/20/25	Glass Jar, 2 oz.
SS22-1'	E506162-02A Soil	06/18/25	06/20/25	Glass Jar, 2 oz.
BH23-0'	E506162-03A Soil	06/18/25	06/20/25	Glass Jar, 2 oz.
BH23-1'	F506162-04A Soil	06/18/25	06/20/25	Glass Iar 2 oz



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/30/2025 11:28:25AM

SS22-0'

	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: BA		Batch: 2525099
ND	0.0250	1	06/20/25	06/21/25	
ND	0.0250	1	06/20/25	06/21/25	
ND	0.0250	1	06/20/25	06/21/25	
ND	0.0250	1	06/20/25	06/21/25	
ND	0.0500	1	06/20/25	06/21/25	
ND	0.0250	1	06/20/25	06/21/25	
	94.4 %	70-130	06/20/25	06/21/25	
mg/kg	mg/kg	Anal	yst: BA		Batch: 2525099
ND	20.0	1	06/20/25	06/21/25	
	85.9 %	70-130	06/20/25	06/21/25	
mg/kg	mg/kg	Anal	yst: RAS		Batch: 2525107
ND	25.0	1	06/20/25	06/24/25	
ND	50.0	1	06/20/25	06/24/25	
	130 %	61-141	06/20/25	06/24/25	
mg/kg	mg/kg	Anal	yst: JM		Batch: 2525102
ND	20.0	1	06/20/25	06/20/25	
	mg/kg ND Mg/kg ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 MD 20.0250 85.9 % mg/kg Mg/kg mg/kg ND 25.0 ND 50.0 130 % mg/kg mg/kg mg/kg	mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 mg/kg mg/kg Analy ND 20.0 1 85.9 % 70-130 70-130 mg/kg mg/kg Analy ND 25.0 1 ND 50.0 1 130 % 61-141 61-141 mg/kg mg/kg Analy	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 06/20/25 ND 0.0250 1 06/20/25 ND 0.0250 1 06/20/25 ND 0.0250 1 06/20/25 ND 0.0500 1 06/20/25 ND 0.0250 1 06/20/25 mg/kg mg/kg Analyst: BA ND 20.0 1 06/20/25 mg/kg mg/kg Analyst: RAS ND 25.0 1 06/20/25 ND 50.0 1 06/20/25 ND 50.0 1 06/20/25 ND 50.0 1 06/20/25 ND 50.0 1 06/20/25 mg/kg mg/kg Analyst: RAS	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 06/20/25 06/21/25 ND 0.0500 1 06/20/25 06/21/25 ND 0.0250 1 06/20/25 06/21/25 mg/kg mg/kg Analyst: BA ND 20.0 1 06/20/25 06/21/25 mg/kg mg/kg Analyst: BA ND 20.0 1 06/20/25 06/21/25 mg/kg mg/kg Analyst: RAS ND 25.0 1 06/20/25 06/24/25 ND 50.0 1 06/20/25 06/24/25 ND 50.0 1 06/20/25 06/24/25 ND 50.0

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/30/2025 11:28:25AM

SS22-1'

		D '				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Analyte	Kesun	Lillit	Dirution	Frepared	Allalyzed	INUIES
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2525099
Benzene	ND	0.0250	1	06/20/25	06/21/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/21/25	
Toluene	ND	0.0250	1	06/20/25	06/21/25	
o-Xylene	ND	0.0250	1	06/20/25	06/21/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/21/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/21/25	
Surrogate: 4-Bromochlorobenzene-PID		95.6 %	70-130	06/20/25	06/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2525099
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.2 %	70-130	06/20/25	06/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2525107
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/25	06/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/25	06/24/25	
Surrogate: n-Nonane		131 %	61-141	06/20/25	06/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: JM		Batch: 2525102
		,				



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/30/2025 11:28:25AM

BH23-0'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2525099
Benzene	ND	0.0250	1	06/20/25	06/21/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/21/25	
Toluene	ND	0.0250	1	06/20/25	06/21/25	
o-Xylene	ND	0.0250	1	06/20/25	06/21/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/21/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/21/25	
Surrogate: 4-Bromochlorobenzene-PID		96.7 %	70-130	06/20/25	06/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2525099
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.6 %	70-130	06/20/25	06/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2525107
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/25	06/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/25	06/24/25	
Surrogate: n-Nonane		121 %	61-141	06/20/25	06/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: JM		Batch: 2525102
Chloride	282	20.0	1	06/20/25	06/20/25	

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/30/2025 11:28:25AM

BH23-1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2525099
Benzene	ND	0.0250	1	06/20/25	06/21/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/21/25	
Toluene	ND	0.0250	1	06/20/25	06/21/25	
o-Xylene	ND	0.0250	1	06/20/25	06/21/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/21/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/21/25	
Surrogate: 4-Bromochlorobenzene-PID		96.4 %	70-130	06/20/25	06/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2525099
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.2 %	70-130	06/20/25	06/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2525107
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/25	06/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/25	06/24/25	
Surrogate: n-Nonane		125 %	61-141	06/20/25	06/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: JM		Batch: 2525102
Chloride	212	20.0	1	06/20/25	06/20/25	

Marwari 28 CTB 2 Devon Energy - Carlsbad Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Ashley Giovengo 6/30/2025 11:28:25AM **Volatile Organics by EPA 8021B** Analyst: BA Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2525099-BLK1) Prepared: 06/20/25 Analyzed: 06/21/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.75 8.00 96.9 70-130 LCS (2525099-BS1) Prepared: 06/20/25 Analyzed: 06/21/25 5.19 104 70-130 5.00 Benzene 0.0250 Ethylbenzene 5.06 0.0250 5.00 101 70-130 5.13 0.0250 5.00 103 70-130 Toluene 102 o-Xylene 5.10 0.0250 5.00 70-130 10.1 10.0 101 70-130 0.0500 p.m-Xvlene 101 70-130 15.2 15.0 Total Xylenes 0.0250 8.00 96.9 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.76 Matrix Spike (2525099-MS1) Source: E506160-10 Prepared: 06/20/25 Analyzed: 06/21/25 5.16 0.0250 5.00 ND 70-130 Benzene ND 70-130 Ethylbenzene 5.03 0.0250 5.00 101 Toluene 5.24 0.0250 5.00 0.104 103 70-130 5.12 5.00 0.0336 102 70-130 0.0250 o-Xylene p,m-Xylene 10.2 0.0500 10.0 0.127 101 70-130 15.4 0.0250 15.0 70-130 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.84 8.00

Source: E506160-10

99.0

101

100

100

100

97.5

70-130

70-130

70-130

70-130

70-130

70-130

70-130

2.30

1.53

1.69

1.74

0.992

1.24

ND

ND

0.104

0.0336

0.127

0.161



Prepared: 06/20/25 Analyzed: 06/21/25

27

26

20

25

23

26

Matrix Spike Dup (2525099-MSD1)

Surrogate: 4-Bromochlorobenzene-PID

Ethylbenzene

Toluene

o-Xylene

p,m-Xylene

Total Xylenes

5.04

4.95

5.15

5.03

10.1

15.2

7.80

0.0250

0.0250

0.0250

0.0250

0.0500

0.0250

5.00

5.00

5.00

5.00

10.0

15.0

8.00

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	•
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/30/2025 11:28:25AM

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go			6/30	/2025 11:28:25AM
Nonhalogenated Organics by EPA 8015D - GRO									Analyst: BA
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2525099-BLK1)							Prepared: 0	6/20/25 Analy	zed: 06/21/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.90		8.00		86.2	70-130			
LCS (2525099-BS2)							Prepared: 0	6/20/25 Analy	zed: 06/21/25
Gasoline Range Organics (C6-C10)	46.2	20.0	50.0		92.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.11		8.00		88.9	70-130			
Matrix Spike (2525099-MS2)				Source:	E506160-	10	Prepared: 0	6/20/25 Analy	zed: 06/21/25
Gasoline Range Organics (C6-C10)	47.8	20.0	50.0	ND	95.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.23		8.00		90.4	70-130			
Matrix Spike Dup (2525099-MSD2)				Source:	E506160-	10	Prepared: 0	6/20/25 Analy	zed: 06/21/25
Gasoline Range Organics (C6-C10)	49.2	20.0	50.0	ND	98.5	70-130	2.93	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.21		8.00		90.1	70-130			

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	-
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/30/2025 11:28:25AM

	Project Manager	r: As	hley Gioveng	go			6.	/30/2025 11:28:25AN
Nonha	logenated Org	ganics by	EPA 8015I	D - DRO	/ORO			Analyst: RAS
Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
						Prepared: 0	6/20/25 An	alyzed: 06/23/25
ND	25.0							
ND	50.0							
58.6		50.0		117	61-141			
						Prepared: 0	6/20/25 An	alyzed: 06/23/25
291	25.0	250		116	66-144			
59.4		50.0		119	61-141			
			Source:	E506160-	04	Prepared: 0	6/20/25 An	alyzed: 06/23/25
901	25.0	250	668	93.0	56-156			
137		50.0		273	61-141			S5
			Source:	E506160-	04	Prepared: 0	6/20/25 An	alyzed: 06/23/25
982	25.0	250	668	126	56-156	8.65	20	
	Result mg/kg ND ND 58.6 291 59.4	Nonhalogenated Or	Nonhalogenated Organics by	Nonhalogenated Organics by EPA 8015 Result	Nonhalogenated Organics by EPA 8015D - DRO Result	Nonhalogenated Organics by EPA 8015D - DRO/ORO Result Limit Level Result Rec Limits mg/kg mg/kg mg/kg mg/kg % % % %	Nonhalogenated Organics by EPA 8015D - DRO/ORO Result Reporting Limit Level Result Rec Limits RPD mg/kg mg/kg mg/kg mg/kg % % % % % % % % % % %	Nonhalogenated Organics by EPA 8015D - DRO/ORO Result Reporting Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % % % % % % % % % % % % % %

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		Iarwari 28 CT 1058-0007	B 2				Reported:
Artesia NM, 88210		Project Manager	: A	shley Gioveng	go				6/30/2025 11:28:25AM
		Anions	by EPA	300.0/9056	4				Analyst: JM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2525102-BLK1)							Prepared: 0	6/20/25	Analyzed: 06/20/25
Chloride	ND	20.0							
LCS (2525102-BS1)							Prepared: 0	6/20/25	Analyzed: 06/20/25
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2525102-MS1)				Source:	E506167-	01	Prepared: 0	6/20/25	Analyzed: 06/20/25
Chloride	876	20.0	250	618	103	80-120			
Matrix Spike Dup (2525102-MSD1)				Source:	E506167-	01	Prepared: 0	6/20/25	Analyzed: 06/20/25
Chloride	984	20.0	250	618	146	80-120	11.7	20	M2

QC Summary Report Comment:

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



Definitions and Notes

ſ	Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
١	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
l	Artesia NM, 88210	Project Manager:	Ashley Giovengo	06/30/25 11:28

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

S5 Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.

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.



Received by OCD: 12/12/2025 5:47:14 AM

envirotech

WO # 21530990

Client Information Client: Devon						Invoice Informat Company: Devon Energy						Lab Use Only							TAT					Stat	:e
												NO#		7-5	Job Number			_	1D	2D	3D St	d	NM	CO UT	TX
Project:	Marwari 28	CTB 2				Address: 53		5	04	16	S	01058.0007						х		х					
Project N	Manager: As	hley Giov	engo			City, State, Zip: Carlsbad NM, 88220																			
Address: 3122 National Parks Hwy						Phone: (575)689-7597 Analysis and Metho									od				EPA Program						
City, State, Zip: Carlsbad NM, 88220						Email: jim.ra	aley@dvr							7 9							5	SDWA	CWA	RCRA	
Phone: 575-988-0055						Miscellaneous					. 4														
Email: a	giovengo@e	nsolum.c	om			W						115	8015									-	omplian	ce Y	or N
									11			34 80	3y 8C	21	0	0.0	¥	tals				P	WSID #		
				Sample	Information				₽ a Lai		- SRO	RO	RO	v 80	/ 826	le 30	- 500	Me		N.	ř.		nle mp		
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID			Field Filter T		p ogo	DRO/ORO by 8015	GRO/DRO by	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX	- 2	Samle Temp	кег	marks
1118	6/8/2015	Soil	1			S523	-0'													+		/.	.0		
1121		1	1			5523	- 1°		2											X		3	3.3		
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I, (field sam	pler), attest to th	e validity and	e@ensolu d authenticit	um.com, akc y of this sample.	l am aw	ensolum.com, j are that tampering w	gonzales vith or intent	@ensolum.co	om, ir	mccaul mple loca	ley(date	or time	n.co	m, gs	anch n is cor	nez@ nsidere	ensol d fraud	um.	com	grounds	for leg	gal action		
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Relinquished by: (Signature) Date 6/19/								eceived by: (Signature)			ME	ro.	Date	116	1.2	6	lime /		0				Samples requiring thermal eservation must be received or		
Relinguished by: (Signature)					Time Receive			eived by: (Signatu	by: (Signature)				Date Time ice the day t						hey are sa	ampled or					
Relinquished by: (Signature) Date					925 1430 Cas			eived by: (Signatu	y: (Signature) den Bryggs y: (Signature)			6-19-25 1745				received packed on it			t less than	n 6°C on					
Cam	den B	rugg	2	6-20-2)	2400	1.		1	11	F9 -	-	0	W	65		0	0			-	_		quent da	
Relinquished by: (Signature) Date					Time Received V: 6			and Area Contraction	Con Marie Con				Date				Time				-		Lab Use Only		
Relinquish	ed by: (Signatu	re)		Date	tte Time F			Received by: (Signature)			Date				Time				Received on ice:			:e:			
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other									Container			· g -	glass	p - r	olv/r	lastic	. ag -	ambe	rgla	ass. v	- VOA	_	_		
Note: Sam	nles are discar	ded 14 days	after resu	ts are reported	unless	other arrangemen	ts are mad	de. Hazardous sar														t for t	he analy	sis of the a	bove
	disable and					with this COC Th																			

Printed: 6/20/2025 7:48:08AM

Envirotech Analytical Laboratory

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:	Devon Energy - Carlsbad	Date Received:	06/20/25	06:30	Work Order ID:	E506162
Phone:	(505) 382-1211	Date Logged In:	06/19/25	12:57	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	06/26/25	17:00 (4 day TAT)		
Chain of	Custody (COC)					
1. Does t	he sample ID match the COC?		Yes			
2. Does t	he number of samples per sampling site location ma	tch the COC	Yes			
3. Were s	samples dropped off by client or carrier?		Yes	Carrier: Courier		
4. Was th	e COC complete, i.e., signatures, dates/times, reque	ested analyses?	Yes			
5. Were a	all samples received within holding time?		Yes			
	Note: Analysis, such as pH which should be conducted i.e, 15 minute hold time, are not included in this disucss				Comment	ts/Resolution
Sample '	Furn Around Time (TAT)					
	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample (
	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was th	ne sample(s) received intact, i.e., not broken?		Yes			
	custody/security seals present?		No			
	s, were custody/security seals intact?					
-	•		NA			
12. was u	ne sample received on ice? Note: Thermal preservation is not required, if samples a	re received within	Yes			
	15 minutes of sampling	io received within				
13. See C	COC for individual sample temps. Samples outside of	of 0°C-6°C will be	recorded	in comments.		
Sample (Container_					
	iqueous VOC samples present?		No			
15. Are V	OC samples collected in VOA Vials?		NA			
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA			
17. Was a	a trip blank (TB) included for VOC analyses?		NA			
	on-VOC samples collected in the correct containers	s?	Yes			
	appropriate volume/weight or number of sample conta		Yes			
Field La	· · · · · · · · · · · · · · · · · · ·					
	field sample labels filled out with the minimum inf	ormation:				
S	sample ID?		Yes			
	Date/Time Collected?		Yes			
	Collectors name?		Yes			
	Preservation	10				
	the COC or field labels indicate the samples were p	oreserved?	No			
	ample(s) correctly preserved?	. 1.0	NA			
	filtration required and/or requested for dissolved m	netals?	No			
	ase Sample Matrix					
	the sample have more than one phase, i.e., multiphe		No			
27. If yes	s, does the COC specify which phase(s) is to be analy	lyzed?	NA			
Subcont	ract Laboratory					
28. Are s	amples required to get sent to a subcontract laborate	ory?	No			
29. Was a	a subcontract laboratory specified by the client and	if so who?	NA	Subcontract Lab: NA		
Client I	<u>nstruction</u>					
						_

Date



Chain of Custody

WO+ 21530990

Page	l of	1
rage		-

Received by OCD: 12/12/2025 5:47:14 AM

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Client: D	evon				Company: Devo			Lat	Lab WO# Job Number 1D 2D 3D Std NM CO UT T					TX										
Project:	Marwari 28	CTB 2			Address: 5315 E	Buena Vista Dr		_ E	506162 hins8.0007)	×	×								
	Aanager: As		engo			Carlsbad NM, 8822	20							To the			No. 10-20							
A STATE OF THE PARTY OF THE PAR	3122 Natio				Phone: (575)689				Г			Ana	alysis	and	Met	hod				E	PA Progra	am		
_	e, Zip: Carls				Email: jim.raley(SDWA	CWA	RCRA		
	575-988-005		OULLO		Miscellaneous: Jim Raley																			
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Time Sampled	Date Sampled	Matrix	No, of Containers		Sample ID		Field	Number	r	GRO/ORO by 8015	BTEX by 8021	VOC by 8260	Chloride 300,0	TCEQ 1005-	RCRA 8 Metals		BGDOC - NM	ВСБОС		Sar	Weil	idika		
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I, (field sam	pler), attest to th	e validity and	d authenticity	of this sample. I am aw	vare that tampering with or	intentionally mislabeling	the sa	mple location	on, d	ate or t	me of	collection	n is co	nsidere	d frau	d and r	nay be	ground	ds for	legal action.				
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					other arrangements are	e made. Hazardous san														r the analy	sis of the al	bove		
samples is	s applicable onl	y to those s	amples rece	eived by the laborator	y with this COC. The liab	oility of the laboratory i	s limit	ed to the	amo	unt pa	id for	on the	report		A Frank	mate 5								

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





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Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Marwari 28 CTB 2

Work Order: E508081

Job Number: 01058-0007

Received: 8/8/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 8/11/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

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

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

Date Reported: 8/11/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Marwari 28 CTB 2

Workorder: E508081

Date Received: 8/8/2025 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/8/2025 8:00:00AM, under the Project Name: Marwari 28 CTB 2.

The analytical test results summarized in this report with the Project Name: Marwari 28 CTB 2 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881 Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

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Sample Summary

Devon Energy - Carlsbad	Proiect Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	08/11/25 14:22

Client Sample ID	Lab Sample ID M	Matrix	Sampled	Received	Container
BF01	E508081-01A	Soil	08/06/25	08/08/25	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/11/2025 2:22:37PM

BF01

E508081-01

		E508081-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
,				•		
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2532130
Benzene	ND	0.0250	1	08/08/25	08/09/25	
Ethylbenzene	ND	0.0250	1	08/08/25	08/09/25	
Toluene	ND	0.0250	1	08/08/25	08/09/25	
o-Xylene	ND	0.0250	1	08/08/25	08/09/25	
p,m-Xylene	ND	0.0500	1	08/08/25	08/09/25	
Total Xylenes	ND	0.0250	1	08/08/25	08/09/25	
Surrogate: 4-Bromochlorobenzene-PID		85.6 %	70-130	08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2532130
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/25	08/09/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.4 %	70-130	08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	Analyst: NV		Batch: 2532124
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/25	08/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/25	08/08/25	
Surrogate: n-Nonane		100 %	61-141	08/08/25	08/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2532127
Chloride	170	20.0	1	08/08/25	08/08/25	_



QC Summary Data

		QC SI	umm	ary Dat	a				
Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		Marwari 28 CTB 2 01058-0007					Reported:
Artesia NM, 88210		Project Manager:	A	Ashley Giovengo					8/11/2025 2:22:37PM
		Volatile O	rganics l	by EPA 802	21B				Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2532130-BLK1)							Prepared: 0	8/08/25 A	analyzed: 08/09/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.87		8.00		85.9	70-130			
LCS (2532130-BS1)							Prepared: 0	8/08/25 A	analyzed: 08/09/25
Benzene	5.48	0.0250	5.00		110	70-130			
Ethylbenzene	5.58	0.0250	5.00		112	70-130			
Toluene	5.60	0.0250	5.00		112	70-130			
o-Xylene	5.57	0.0250	5.00		111	70-130			
o,m-Xylene	11.3	0.0500	10.0		113	70-130			
Total Xylenes	16.9	0.0250	15.0		112	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.93		8.00		86.6	70-130			
Matrix Spike (2532130-MS1)				Source:	E508082-	06	Prepared: 0	8/08/25 A	analyzed: 08/09/25
Benzene	5.94	0.0250	5.00	ND	119	70-130			
Ethylbenzene	6.00	0.0250	5.00	ND	120	70-130			
Toluene	6.03	0.0250	5.00	ND	121	70-130			
-Xylene	5.97	0.0250	5.00	ND	119	70-130			
o,m-Xylene	12.1	0.0500	10.0	ND	121	70-130			
Total Xylenes	18.1	0.0250	15.0	ND	121	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.05		8.00		88.1	70-130			
Matrix Spike Dup (2532130-MSD1)				Source:	E508082-	06	Prepared: 0	8/08/25 A	analyzed: 08/11/25
Benzene	6.24	0.0250	5.00	ND	125	70-130	4.84	27	
Ethylbenzene	6.11	0.0250	5.00	ND	122	70-130	1.79	26	
T 1	6.20		5.00	ND	124	70.120	0.72	20	

ND

ND

ND

ND

124

120

123

122

5.00

5.00

10.0

15.0

8.00

0.0250

0.0250

0.0500

0.0250

6.20

6.01

12.3

18.3

6.65

70-130

70-130

70-130

70-130

70-130

2.73

0.719

1.81

1.45

20

25

23

26



Toluene

o-Xylene

p,m-Xylene Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/11/2025 2:22:37PM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go			8/	11/2025 2:22:37PM
	Nor	halogenated	Organics	by EPA 80	15D - G	RO			Analyst: SL
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2532130-BLK1)							Prepared: 0	8/08/25 Ana	lyzed: 08/09/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.36		8.00		92.0	70-130			
LCS (2532130-BS2)							Prepared: 0	8/08/25 Ana	lyzed: 08/09/25
Gasoline Range Organics (C6-C10)	55.2	20.0	50.0		110	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.33		8.00		91.7	70-130			
Matrix Spike (2532130-MS2)				Source:	E508082-	06	Prepared: 0	8/08/25 Ana	lyzed: 08/11/25
Gasoline Range Organics (C6-C10)	53.3	20.0	50.0	ND	107	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.34		8.00		91.8	70-130			
Matrix Spike Dup (2532130-MSD2)				Source:	E508082-	06	Prepared: 0	8/08/25 Ana	lyzed: 08/09/25
Gasoline Range Organics (C6-C10)	58.5	20.0	50.0	ND	117	70-130	9.21	20	

8.00

7.53

94.1

70-130

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	_
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/11/2025 2:22:37PM

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go			;	8/11/2025 2:22:37PN
	Nonha	logenated Or	Analyst: NV						
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2532124-BLK1)							Prepared: 0	8/08/25 Ar	nalyzed: 08/08/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.2		50.0		96.5	61-141			
LCS (2532124-BS1)							Prepared: 0	8/08/25 Ar	nalyzed: 08/08/25
Diesel Range Organics (C10-C28)	259	25.0	250		104	66-144			
Surrogate: n-Nonane	49.4		50.0		98.9	61-141			
Matrix Spike (2532124-MS1)				Source:	E508082-0	02	Prepared: 0	8/08/25 Ar	nalyzed: 08/08/25
Diesel Range Organics (C10-C28)	272	25.0	250	ND	109	56-156			
Surrogate: n-Nonane	51.5		50.0		103	61-141			
Matrix Spike Dup (2532124-MSD1)				Source:	E508082-0	02	Prepared: 0	8/08/25 Ar	nalyzed: 08/08/25
Diesel Range Organics (C10-C28)	261	25.0	250	ND	104	56-156	4.22	20	
Surrogate: n-Nonane	50.0		50.0		99.9	61-141			

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number		1arwari 28 CT 1058-0007	B 2				Reported:
Artesia NM, 88210		Project Manager	r: A	shley Gioveng	go				8/11/2025 2:22:37PM
		Anions	by EPA	300.0/9056 <i>E</i>	4				Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2532127-BLK1)							Prepared: (08/08/25 A	nalyzed: 08/08/25
Chloride	ND	20.0							
LCS (2532127-BS1)							Prepared: (08/08/25 A	nalyzed: 08/08/25
Chloride	249	20.0	250		99.6	90-110			
Matrix Spike (2532127-MS1)				Source:	E508082-	10	Prepared: (08/08/25 A	nalyzed: 08/08/25
Chloride	39100	2000	250	45900	NR	80-120			M4
Matrix Spike Dup (2532127-MSD1)				Source:	E508082-	10	Prepared: (08/08/25 A	nalyzed: 08/08/25
Chloride	45500	2000	250	45900	NR	80-120	15.2	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

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	08/11/25 14:22

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.



Page
229
Q
45

	Clie	nt Inforn	nation		In	oice Information					La	b Use	e On	lv				T	AT		State						
Client: I	Devon				Company: D	evon Energy		L	Lab WO#				Job Number			1D 2D 3D Std		I NM	CO UT TX								
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	: 3122 Natio				Phone: (575)6				1		_		Ana	Ana	Ana	Ana	Analy	Ana	Anal	lysis	and	Meth	nod			EF	PA Program
	te, Zip: Carls 575-988-005		88220		Email: jim.ral			_												SDWA	CWA RCI						
	giovengo@e		om		Miscellaneous:	Jim Raley																					
Lindii. C	Riovengowe	nsolum.c	OIII							3015	3015									Complian PWSID #	ce Y or						
-				Sample Info	ormation		-	_		by 8	by 8	021	097	0.00	¥	etals		2									
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID		Field	Lab Numb		DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	MGDOC - TX	Samle Temp	Remarks						
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bmoir@	ensolum.con	n, jhinkle	@ensolu	m.com, akone@	ensolum.com. igo	nzales@ensolum.c	om. in	nccaule	evic	Dens	olum	com	,														
, (field sam Sampled by	pler), attest to the :Jenna Hinkle	validity and	authenticity	of this sample. I am a じのしゃ	ware that tampering with	or intentionally mislabelin	g the san	nple locat	tion,	date o	r time	of colle	ection	is cons	idered	d fraud	and m	ay be	grounds for	legal action.							
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envirotech Inc.

Printed: 8/8/2025 10:36:03AM

Envirotech Analytical Laboratory

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:	Devon Energy - Carlsbad	Date Received:	08/08/25	08:00	Work Order ID:	E508081
Phone:	(505) 382-1211	Date Logged In:	08/07/25	15:15	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	08/11/25	07:00 (1 day TAT)		
Chain of	f Custody (COC)					
	the sample ID match the COC?		Yes			
	the number of samples per sampling site location ma	tch the COC	Yes			
3. Were	samples dropped off by client or carrier?		Yes	Carrier: Courier		
4. Was th	ne COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes			
5. Were a	all samples received within holding time?		Yes			
	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssi	•			Comment	ts/Resolution
Sample '	Turn Around Time (TAT)	on.				
	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample						
	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was th	ne sample(s) received intact, i.e., not broken?		Yes			
	custody/security seals present?		No			
	s, were custody/security seals intact?					
-	•		NA			
12. was u	he sample received on ice? Note: Thermal preservation is not required, if samples ar	e received within	Yes			
	15 minutes of sampling	0 10001,00 W101111				
13. See 0	COC for individual sample temps. Samples outside o	f 0°C-6°C will be	recorded	in comments.		
Sample	<u>Container</u>					
	aqueous VOC samples present?		No			
15. Are \	VOC samples collected in VOA Vials?		NA			
16. Is the	e 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 1	non-VOC samples collected in the correct containers	?	Yes			
19. Is the	appropriate volume/weight or number of sample contai	ners collected?	Yes			
Field La	<u>bel</u>					
20. Were	field sample labels filled out with the minimum info	ormation:				
	Sample ID?		Yes			
	Date/Time Collected?		Yes			
	Collectors name?		Yes			
	Preservation		3.7			
	the COC or field labels indicate the samples were p	reservea?	No			
	sample(s) correctly preserved?	atala9	NA			
	o filtration required and/or requested for dissolved m	etais?	No			
	ase Sample Matrix	0				
	the sample have more than one phase, i.e., multipha		No			
27. If yes	s, does the COC specify which phase(s) is to be analy	yzed?	NA			
Subcont	ract Laboratory					
28. Are s	samples required to get sent to a subcontract laborate	ry?	No			
29. Was	a subcontract laboratory specified by the client and i	f so who?	NA	Subcontract Lab: NA		
Client I	<u>nstruction</u>					
1						

Date

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

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Marwari 28 CTB 2

Work Order: E508082

Job Number: 01058-0007

Received: 8/8/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 8/11/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

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

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

Date Reported: 8/11/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Marwari 28 CTB 2

Workorder: E508082

Date Received: 8/8/2025 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/8/2025 8:00:00AM, under the Project Name: Marwari 28 CTB 2.

The analytical test results summarized in this report with the Project Name: Marwari 28 CTB 2 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881 Cell: 775-287-1762

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mgonzales@envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Donouted.
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	08/11/25 16:04

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
PH01-7'	E508082-01A	Soil	08/06/25	08/08/25	Glass Jar, 2 oz.
PH01-10'	E508082-02A	Soil	08/06/25	08/08/25	Glass Jar, 2 oz.
FS09-0.5'	E508082-03A	Soil	08/06/25	08/08/25	Glass Jar, 2 oz.
FS12-0.5'	E508082-04A	Soil	08/06/25	08/08/25	Glass Jar, 2 oz.
FS13-0.5'	E508082-05A	Soil	08/06/25	08/08/25	Glass Jar, 2 oz.
FS15-0.5'	E508082-06A	Soil	08/06/25	08/08/25	Glass Jar, 2 oz.
FS17-0.5'	E508082-07A	Soil	08/06/25	08/08/25	Glass Jar, 2 oz.
FS18-0.5'	E508082-08A	Soil	08/06/25	08/08/25	Glass Jar, 2 oz.
FS20-0'	E508082-09A	Soil	08/06/25	08/08/25	Glass Jar, 2 oz.
FS21-0.5'	E508082-10A	Soil	08/06/25	08/08/25	Glass Jar, 2 oz.
FS22-0.5'	E508082-11A	Soil	08/06/25	08/08/25	Glass Jar, 2 oz.
FS23-0.5'	E508082-12A	Soil	08/06/25	08/08/25	Glass Jar, 2 oz.
FS24-0.5'	E508082-13A	Soil	08/06/25	08/08/25	Glass Jar, 2 oz.
FS25-0.5'	E508082-14A	Soil	08/06/25	08/08/25	Glass Jar, 2 oz.
FS26-0.5'	E508082-15A	Soil	08/06/25	08/08/25	Glass Jar, 2 oz.

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/11/2025 4:04:18PM

PH01-7'

E508082-01

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2532130
Benzene	ND	0.0250	1	08/08/25	08/09/25	
Ethylbenzene	ND	0.0250	1	08/08/25	08/09/25	
Toluene	ND	0.0250	1	08/08/25	08/09/25	
o-Xylene	ND	0.0250	1	08/08/25	08/09/25	
p,m-Xylene	ND	0.0500	1	08/08/25	08/09/25	
Total Xylenes	ND	0.0250	1	08/08/25	08/09/25	
Surrogate: 4-Bromochlorobenzene-PID		86.6 %	70-130	08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2532130
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/25	08/09/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.3 %	70-130	08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2532124
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/25	08/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/25	08/09/25	
Surrogate: n-Nonane		96.7 %	61-141	08/08/25	08/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2532127
Chloride	2770	20.0	1	08/08/25	08/08/25	

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/11/2025 4:04:18PM

PH01-10'

		E508082-02				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2532130
Benzene	ND	0.0250	1	08/08/25	08/09/25	
Ethylbenzene	ND	0.0250	1	08/08/25	08/09/25	
Toluene	ND	0.0250	1	08/08/25	08/09/25	
o-Xylene	ND	0.0250	1	08/08/25	08/09/25	
p,m-Xylene	ND	0.0500	1	08/08/25	08/09/25	
Total Xylenes	ND	0.0250	1	08/08/25	08/09/25	
Surrogate: 4-Bromochlorobenzene-PID		85.4 %	70-130	08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2532130
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/25	08/09/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.9 %	70-130	08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2532124
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/25	08/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/25	08/09/25	
Surrogate: n-Nonane		104 %	61-141	08/08/25	08/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2532127
Chloride	392	20.0	1	08/08/25	08/08/25	·



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/11/2025 4:04:18PM

FS09-0.5' E508082-03

		2000002 00				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: SL		Batch: 2532130
Benzene	ND	0.0250	1	08/08/25	08/09/25	
Ethylbenzene	ND	0.0250	1	08/08/25	08/09/25	
Foluene	ND	0.0250	1	08/08/25	08/09/25	
o-Xylene	ND	0.0250	1	08/08/25	08/09/25	
o,m-Xylene	ND	0.0500	1	08/08/25	08/09/25	
Total Xylenes	ND	0.0250	1	08/08/25	08/09/25	
Surrogate: 4-Bromochlorobenzene-PID		86.9 %	70-130	08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: SL		Batch: 2532130
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/25	08/09/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.6 %	70-130	08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: NV		Batch: 2532124
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/25	08/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/25	08/09/25	
Surrogate: n-Nonane		98.9 %	61-141	08/08/25	08/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: IY		Batch: 2532127
Chloride	2500	40.0	2	08/08/25	08/08/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/11/2025 4:04:18PM

FS12-0.5'

		E508082-04				
Reporting						
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2532130
Benzene	ND	0.0250	1	08/08/25	08/09/25	
Ethylbenzene	ND	0.0250	1	08/08/25	08/09/25	
Toluene	ND	0.0250	1	08/08/25	08/09/25	
o-Xylene	ND	0.0250	1	08/08/25	08/09/25	
p,m-Xylene	ND	0.0500	1	08/08/25	08/09/25	
Total Xylenes	ND	0.0250	1	08/08/25	08/09/25	
Surrogate: 4-Bromochlorobenzene-PID		86.7 %	70-130	08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2532130
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/25	08/09/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.8 %	70-130	08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2532124
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/25	08/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/25	08/09/25	
Surrogate: n-Nonane		97.8 %	61-141	08/08/25	08/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: IY		Batch: 2532127
Chloride	5160	100	5	08/08/25	08/08/25	·



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/11/2025 4:04:18PM

FS13-0.5' E508082-05

Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analys	st: SL	<u> </u>	Batch: 2532130
ND	0.0250	1	08/08/25	08/09/25	
ND	0.0250	1	08/08/25	08/09/25	
ND	0.0250	1	08/08/25	08/09/25	
ND	0.0250	1	08/08/25	08/09/25	
ND	0.0500	1	08/08/25	08/09/25	
ND	0.0250	1	08/08/25	08/09/25	
	86.6 %	70-130	08/08/25	08/09/25	
mg/kg	mg/kg	Analys	st: SL		Batch: 2532130
ND	20.0	1	08/08/25	08/09/25	
	92.4 %	70-130	08/08/25	08/09/25	
mg/kg	mg/kg	Analys	st: NV		Batch: 2532124
ND	25.0	1	08/08/25	08/09/25	
ND	50.0	1	08/08/25	08/09/25	
	93.3 %	61-141	08/08/25	08/09/25	
mg/kg	mg/kg	Analys	st: IY		Batch: 2532127
5310	200	10	08/08/25	08/08/25	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 86.6 % mg/kg mg/kg mg/kg ND 20.0 92.4 % mg/kg ND 25.0 ND 50.0 93.3 % mg/kg mg/kg mg/kg	Result Limit Dilution mg/kg mg/kg Analys ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 Mg/kg mg/kg Analys ND 20.0 1 92.4 % 70-130 mg/kg mg/kg Analys ND 25.0 1 ND 50.0 1 93.3 % 61-141 mg/kg mg/kg Analys	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 08/08/25 ND 0.0250 1 08/08/25 ND 0.0250 1 08/08/25 ND 0.0250 1 08/08/25 ND 0.0500 1 08/08/25 ND 0.0250 1 08/08/25 mg/kg mg/kg Analyst: SL MD 20.0 1 08/08/25 mg/kg mg/kg Analyst: NV ND 25.0 1 08/08/25 ND 25.0 1 08/08/25 ND 50.0 1 08/08/25 ND 50.0 1 08/08/25 ND 50.0 1 08/08/25 mg/kg mg/kg Analyst: NV	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 08/08/25 08/09/25 ND 0.0250 1 08/08/25 08/09/25 ND 0.0250 1 08/08/25 08/09/25 ND 0.0500 1 08/08/25 08/09/25 ND 0.0250 1 08/08/25 08/09/25 ND 0.0250 1 08/08/25 08/09/25 ND 0.0250 1 08/08/25 08/09/25 mg/kg mg/kg Analyst: SL ND 20.0 1 08/08/25 08/09/25 mg/kg mg/kg Analyst: NV ND 25.0 1 08/08/25 08/09/25 ND 25.0 1 08/08/25 08/09/25 ND 50.0 1 08/08/25 08/09/25 ND 50.0 1 08/08/25 08/09/25 <td< td=""></td<>



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/11/2025 4:04:18PM

FS15-0.5' E508082-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: SL		Batch: 2532130
Benzene	ND	0.0250	1	08/08/25	08/09/25	
Ethylbenzene	ND	0.0250	1	08/08/25	08/09/25	
Toluene	ND	0.0250	1	08/08/25	08/09/25	
o-Xylene	ND	0.0250	1	08/08/25	08/09/25	
p,m-Xylene	ND	0.0500	1	08/08/25	08/09/25	
Total Xylenes	ND	0.0250	1	08/08/25	08/09/25	
Surrogate: 4-Bromochlorobenzene-PID		87.3 %	70-130	08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: SL		Batch: 2532130
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/25	08/09/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.8 %	70-130	08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: NV		Batch: 2532124
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/25	08/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/25	08/09/25	
Surrogate: n-Nonane		99.8 %	61-141	08/08/25	08/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: IY		Batch: 2532127
Chloride	5390	200	10	08/08/25	08/08/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/11/2025 4:04:18PM

FS17-0.5'

		E508082-07					
Reporting							
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: SL		Batch: 2532130	
Benzene	ND	0.0250	1	08/08/25	08/09/25		
Ethylbenzene	ND	0.0250	1	08/08/25	08/09/25		
Toluene	ND	0.0250	1	08/08/25	08/09/25		
o-Xylene	ND	0.0250	1	08/08/25	08/09/25		
p,m-Xylene	ND	0.0500	1	08/08/25	08/09/25		
Total Xylenes	ND	0.0250	1	08/08/25	08/09/25		
Surrogate: 4-Bromochlorobenzene-PID		84.7 %	70-130	08/08/25	08/09/25		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2532130	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/25	08/09/25		
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.8 %	70-130	08/08/25	08/09/25		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: NV		Batch: 2532124	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/25	08/09/25		
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/25	08/09/25		
Surrogate: n-Nonane		101 %	61-141	08/08/25	08/09/25		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2532127	
Chloride	7110	200	10	08/08/25	08/08/25		



Chloride

Sample Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/11/2025 4:04:18PM

FS18-0.5'

E508082-08						
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: SL		Batch: 2532130
Benzene	ND	0.0250	1	08/08/25	08/09/25	
Ethylbenzene	ND	0.0250	1	08/08/25	08/09/25	
Toluene	ND	0.0250	1	08/08/25	08/09/25	
o-Xylene	ND	0.0250	1	08/08/25	08/09/25	
p,m-Xylene	ND	0.0500	1	08/08/25	08/09/25	
Total Xylenes	ND	0.0250	1	08/08/25	08/09/25	
Surrogate: 4-Bromochlorobenzene-PID		85.2 %	70-130	08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2532130
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/25	08/09/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.9 %	70-130	08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: NV		Batch: 2532124
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/25	08/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/25	08/09/25	
Surrogate: n-Nonane		97.7 %	61-141	08/08/25	08/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2532127

200

10

08/08/25

08/08/25

2900



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/11/2025 4:04:18PM

FS20-0'

E50	80)82 -	-09
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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2532130
Benzene	ND	0.0250	1	08/08/25	08/09/25	
Ethylbenzene	ND	0.0250	1	08/08/25	08/09/25	
Toluene	ND	0.0250	1	08/08/25	08/09/25	
o-Xylene	ND	0.0250	1	08/08/25	08/09/25	
p,m-Xylene	ND	0.0500	1	08/08/25	08/09/25	
Total Xylenes	ND	0.0250	1	08/08/25	08/09/25	
Surrogate: 4-Bromochlorobenzene-PID		87.7 %	70-130	08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2532130
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/25	08/09/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.6 %	70-130	08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2532124
Diesel Range Organics (C10-C28)	197	25.0	1	08/08/25	08/09/25	
Oil Range Organics (C28-C36)	98.6	50.0	1	08/08/25	08/09/25	
Surrogate: n-Nonane		96.7 %	61-141	08/08/25	08/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2532127
Chloride	6870	200	10	08/08/25	08/09/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/11/2025 4:04:18PM

FS21-0.5' E508082-10

		E300002-10				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Allaryte	Result	Lillit	Dilution	Trepared	Allalyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: SL		Batch: 2532130
Benzene	ND	0.0250	1	08/08/25	08/09/25	
Ethylbenzene	ND	0.0250	1	08/08/25	08/09/25	
Toluene	ND	0.0250	1	08/08/25	08/09/25	
o-Xylene	ND	0.0250	1	08/08/25	08/09/25	
p,m-Xylene	ND	0.0500	1	08/08/25	08/09/25	
Total Xylenes	ND	0.0250	1	08/08/25	08/09/25	
Surrogate: 4-Bromochlorobenzene-PID		85.1 %	70-130	08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: SL		Batch: 2532130
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/25	08/09/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.6 %	70-130	08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: NV		Batch: 2532124
Diesel Range Organics (C10-C28)	1460	25.0	1	08/08/25	08/09/25	
Oil Range Organics (C28-C36)	1670	50.0	1	08/08/25	08/09/25	
Surrogate: n-Nonane		98.0 %	61-141	08/08/25	08/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: IY		Batch: 2532127
Chloride	45900	2000	100	08/08/25	08/08/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/11/2025 4:04:18PM

FS22-0.5'

E508082-11						
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2532130
Benzene	ND	0.0250	1	08/08/25	08/09/25	
Ethylbenzene	ND	0.0250	1	08/08/25	08/09/25	
Toluene	ND	0.0250	1	08/08/25	08/09/25	
o-Xylene	ND	0.0250	1	08/08/25	08/09/25	
p,m-Xylene	ND	0.0500	1	08/08/25	08/09/25	
Total Xylenes	ND	0.0250	1	08/08/25	08/09/25	
Surrogate: 4-Bromochlorobenzene-PID		85.8 %	70-130	08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2532130
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/25	08/09/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.3 %	70-130	08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2532124
Diesel Range Organics (C10-C28)	30.6	25.0	1	08/08/25	08/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/25	08/11/25	
Surrogate: n-Nonane		87.6 %	61-141	08/08/25	08/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2532127
Chloride	17300	1000	50	08/08/25	08/09/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/11/2025 4:04:18PM

FS23-0.5'

E508082-12						
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: SL		Batch: 2532130
Benzene	ND	0.0250	1	08/08/25	08/09/25	
Ethylbenzene	ND	0.0250	1	08/08/25	08/09/25	
Toluene	ND	0.0250	1	08/08/25	08/09/25	
o-Xylene	ND	0.0250	1	08/08/25	08/09/25	
p,m-Xylene	ND	0.0500	1	08/08/25	08/09/25	
Total Xylenes	ND	0.0250	1	08/08/25	08/09/25	
Surrogate: 4-Bromochlorobenzene-PID		85.9 %	70-130	08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: SL		Batch: 2532130
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/25	08/09/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.1 %	70-130	08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: NV		Batch: 2532124
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/25	08/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/25	08/09/25	
Surrogate: n-Nonane		99.7 %	61-141	08/08/25	08/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: IY		Batch: 2532127
Chloride	14800	1000	50	08/08/25	08/09/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/11/2025 4:04:18PM

FS24-0.5'

		E508082-13				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	g Analyst: SL			Batch: 2532130
Benzene	ND	0.0250	1	08/08/25	08/09/25	
Ethylbenzene	ND	0.0250	1	08/08/25	08/09/25	
Toluene	ND	0.0250	1	08/08/25	08/09/25	
o-Xylene	ND	0.0250	1	08/08/25	08/09/25	
o,m-Xylene	ND	0.0500	1	08/08/25	08/09/25	
Total Xylenes	ND	0.0250	1	08/08/25	08/09/25	
Surrogate: 4-Bromochlorobenzene-PID		86.0 %	70-130	08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2532130
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/25	08/09/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.9 %	70-130	08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2532124
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/25	08/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/25	08/09/25	
Surrogate: n-Nonane		100 %	61-141	08/08/25	08/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2532127
Chloride	1840	200	10	08/08/25	08/09/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/11/2025 4:04:18PM

FS25-0.5'

		E508082-14				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	Analyst: SL		Batch: 2532130
Benzene	ND	0.0250	1	08/08/25	08/09/25	
Ethylbenzene	ND	0.0250	1	08/08/25	08/09/25	
Toluene	ND	0.0250	1	08/08/25	08/09/25	
o-Xylene	ND	0.0250	1	08/08/25	08/09/25	
o,m-Xylene	ND	0.0500	1	08/08/25	08/09/25	
Total Xylenes	ND	0.0250	1	08/08/25	08/09/25	
Surrogate: 4-Bromochlorobenzene-PID		87.5 %	70-130	08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2532130
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/25	08/09/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.5 %	70-130	08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: NV		Batch: 2532124
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/25	08/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/25	08/09/25	
Surrogate: n-Nonane		100 %	61-141	08/08/25	08/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: IY		Batch: 2532127
Chloride	1360	20.0	1	08/08/25	08/09/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/11/2025 4:04:18PM

FS26-0.5' E508082-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2532130
Benzene	ND	0.0250	1	08/08/25	08/09/25	
Ethylbenzene	ND	0.0250	1	08/08/25	08/09/25	
Toluene	ND	0.0250	1	08/08/25	08/09/25	
o-Xylene	ND	0.0250	1	08/08/25	08/09/25	
p,m-Xylene	ND	0.0500	1	08/08/25	08/09/25	
Total Xylenes	ND	0.0250	1	08/08/25	08/09/25	
Surrogate: 4-Bromochlorobenzene-PID		86.4 %	70-130	08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2532130
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/25	08/09/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.3 %	70-130	08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2532124
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/25	08/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/25	08/09/25	
Surrogate: n-Nonane		93.1 %	61-141	08/08/25	08/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2532127
Chloride	3520	40.0	2	08/08/25	08/09/25	



QC Summary Data

		QC 50	M 111111	ary Dat						
Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:	0	Marwari 28 CTB 2 01058-0007				Reported:		
Artesia NM, 88210		Project Manager:	A	Ashley Gioveng	go				8/11/2025 4:04:18PM	
		Volatile O	rganics	by EPA 802	21B			Analyst: SL		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2532130-BLK1)							Prepared: 0	8/08/25 A	analyzed: 08/09/25	
Benzene	ND	0.0250								
Ethylbenzene	ND	0.0250								
Toluene	ND	0.0250								
o-Xylene	ND	0.0250								
p,m-Xylene	ND	0.0500								
Total Xylenes	ND	0.0250								
Surrogate: 4-Bromochlorobenzene-PID	6.87		8.00		85.9	70-130				
LCS (2532130-BS1)							Prepared: 0	8/08/25 A	analyzed: 08/09/25	
Benzene	5.48	0.0250	5.00		110	70-130				
Ethylbenzene	5.58	0.0250	5.00		112	70-130				
Toluene	5.60	0.0250	5.00		112	70-130				
o-Xylene	5.57	0.0250	5.00		111	70-130				
p,m-Xylene	11.3	0.0500	10.0		113	70-130				
Total Xylenes	16.9	0.0250	15.0		112	70-130				
Surrogate: 4-Bromochlorobenzene-PID	6.93		8.00		86.6	70-130				
Matrix Spike (2532130-MS1)				Source:	E508082-	06	Prepared: 0	8/08/25 A	analyzed: 08/09/25	
Benzene	5.94	0.0250	5.00	ND	119	70-130				
Ethylbenzene	6.00	0.0250	5.00	ND	120	70-130				
Toluene	6.03	0.0250	5.00	ND	121	70-130				
o-Xylene	5.97	0.0250	5.00	ND	119	70-130				
p,m-Xylene	12.1	0.0500	10.0	ND	121	70-130				
Total Xylenes	18.1	0.0250	15.0	ND	121	70-130				
Surrogate: 4-Bromochlorobenzene-PID	7.05		8.00		88.1	70-130				
Matrix Spike Dup (2532130-MSD1)				Source:	E508082-	06	Prepared: 0	8/08/25 A	analyzed: 08/11/25	

6.24

6.11

6.20

6.01

12.3

18.3

6.65

0.0250

0.0250

0.0250

0.0250

0.0500

0.0250

5.00

5.00

5.00

5.00

10.0

15.0

8.00

ND

ND

ND

ND

ND

ND

125

122

124

120

123

122

70-130

70-130

70-130

70-130

70-130

70-130

70-130

4.84

1.79

2.73

0.719

1.81

1.45

27

26

20

25 23

26



Benzene

Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Ethylbenzene

Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	_
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/11/2025 4:04:18PM

Artesia NM, 88210		Project Manage		shley Gioveng	go			;	8/11/2025 4:04:18PN	
	Nonhalogenated Organics by EPA 8015D - GRO							Analyst: SL		
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes	
Blank (2532130-BLK1)							Prepared: 0	8/08/25 An	alyzed: 08/09/25	
Gasoline Range Organics (C6-C10)	ND	20.0								
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.36		8.00		92.0	70-130				
LCS (2532130-BS2)							Prepared: 0	8/08/25 An	alyzed: 08/09/25	
Gasoline Range Organics (C6-C10)	55.2	20.0	50.0		110	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.33		8.00		91.7	70-130				
Matrix Spike (2532130-MS2)				Source:	E508082-	06	Prepared: 0	8/08/25 An	alyzed: 08/11/25	
Gasoline Range Organics (C6-C10)	53.3	20.0	50.0	ND	107	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.34		8.00		91.8	70-130				
Matrix Spike Dup (2532130-MSD2)				Source:	E508082-	06	Prepared: 0	8/08/25 An	alyzed: 08/09/25	
Gasoline Range Organics (C6-C10)	58.5	20.0	50.0	ND	117	70-130	9.21	20		

8.00

94.1

70-130

7.53

QC Summary Data

Devon Energy - CarlsbadProject Name:Marwari 28 CTB 2Reported:6488 7 Rivers HwyProject Number:01058-0007Artesia NM, 88210Project Manager:Ashley Giovengo8/11/2025 4:04:18PM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go				8/11/2025 4:04:18PN
	Nonha	logenated Or	ganics by l	EPA 8015I) - DRO	/ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2532124-BLK1)							Prepared: 0	8/08/25 An	alyzed: 08/08/25
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	48.2		50.0		96.5	61-141			
LCS (2532124-BS1)							Prepared: 0	8/08/25 An	alyzed: 08/08/25
Diesel Range Organics (C10-C28)	259	25.0	250		104	66-144			
urrogate: n-Nonane	49.4		50.0		98.9	61-141			
Matrix Spike (2532124-MS1)				Source:	E508082-	02	Prepared: 0	8/08/25 An	alyzed: 08/08/25
Diesel Range Organics (C10-C28)	272	25.0	250	ND	109	56-156			
urrogate: n-Nonane	51.5		50.0		103	61-141			
Matrix Spike Dup (2532124-MSD1)				Source:	E508082-	02	Prepared: 0	8/08/25 An	alyzed: 08/08/25
Diesel Range Organics (C10-C28)	261	25.0	250	ND	104	56-156	4.22	20	
Gurrogate: n-Nonane	50.0		50.0		99.9	61-141			

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		1arwari 28 CT 1058-0007	B 2				Rep	ported:
Artesia NM, 88210		Project Manager		shley Gioveng	go				8/11/2025	5 4:04:18PM
		Anions	by EPA	300.0/9056 <i>A</i>	4				Analy	st: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%		Notes
Blank (2532127-BLK1)							Prepared: (08/08/25	Analyzed:	08/08/25
Chloride	ND	20.0								
LCS (2532127-BS1)							Prepared: (08/08/25	Analyzed:	08/08/25
Chloride	249	20.0	250		99.6	90-110				
Matrix Spike (2532127-MS1)				Source:	E508082-	10	Prepared: (08/08/25	Analyzed:	08/08/25
Chloride	39100	2000	250	45900	NR	80-120				M4
Matrix Spike Dup (2532127-MSD1)				Source:	E508082-	10	Prepared: (08/08/25	Analyzed:	08/08/25
Chloride	45500	2000	250	45900	NR	80-120	15.2	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

	Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
١	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
١	Artesia NM, 88210	Project Manager:	Ashley Giovengo	08/11/25 16:04

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.





	Clie	nt Inform	nation		Invoice Information Lab Use Only							TAT				Stat	e					
Client: D	Devon				Company: Dev	on Energy		Lab	WO#	1		Job I	Vum	per	1	D 20	3	D Std		MM	CO UT	TX
	Marwari 28	CTB 2			Address: 5315	Buena Vista Dr		FF	50	808	52	Alt	57.	an)	×			1	×		
	Manager: As		engo			Carlsbad NM, 8822	0			0		-		-								
	3122 Natio				Phone: (575)689							Ana	lvsis	and N	letho	d				EP	A Progra	am
	te, Zip: Carls				Email: jim.raley	13/39							Í		\top	T	T		SDV		CWA	RCRA
	575-988-005		OOLLO		Miscellaneous: Ji																	
	giovengo@e		om		iviiscellaneous. 31	III Naicy			10						. 1		1		Comp	lianc	e Y	or N
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				Sample Infor	mation				to by	to by	8021	8260	300.	XT - 20	Meta	Σ	1	<u> </u>		-		
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID	7.6	Field Nu Pilter		DRO/ORO by 8015	GRO/DRO by	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 -	RCRA 8 Metals	BGDOC - NM	BGDOC. TX	- JOH	Samle	Tem	Rer	narks
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1037					15-	0.5'	(P								1			(i	(0		
1040					117-	05'	-	7								4			4	3		
1039					18-	05'	8	7								1			4	6		
					70 -	-01		7								4			4	8		
1118					60	U = 1		_							-		+		,	0		
0751	5	J	V		い21-		100	0							1	-			4.	5		
						@ensolum.com, jim. nzales@ensolum.com							olum	.com,	cham	ilton	@er	nsolum	.com			
I. (field sam	pler), attest to the pler).	he validity an	d authenticit	y of this sample. I am aw	rare that tampering with o	or intentionally mislabeling t	he sample lo	cation	n, date	or time	e of co	llection	n is cor	sidered	fraud a	nd may	be gr	rounds fo	r legal a	ction.		
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20	nath	The		8/1/2015	7:00	a framale	down	- Sta	Y	8	-7-	25	+	0	100)		pre	servat	ion m	ust be r	eceived on
Relinquish	ned by: (Signatu	ire Gons	inles	7-7-25	Time 245	Received by: (Signatur	e)	cl	مه	Date	7	-2-	5	Time	14	5					Section Section 1	mpled or at a temp
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Relinquish	ned by: (Signati	ure)		Date	Time	Received by: (Signatur	e		6	Date	U	(h)		Time	-						N	
Sample Ma	trix: S - Soil, Sd -	Solid Co Flo	idea A - Acii	nous O - Other		1	Containe	r Tvn	e: p -	glass	. p - 1	nolv/r	olasti	. ag - :	mber	glass	. V - \	VOA				
					other arrangements as	re made. Hazardous sam	nles will he	retur	rned t	o clier	t or o	lispose	d of a	t the cl	ient ex	pense	The	report f	or the	analys	is of the a	bove
samples is	applicable on	ly to those s	amples rec	eived by the laborator	y with this COC. The lia	bility of the laboratory is	limited to	the a	moun	t paid	for or	n the r	eport	- Publish				- drama		- 450		

	Clie	nt Inform	nation		Invoi	ce Information				La	ab Us	e On	ly				TA	T			ate	
Client: D	evon				Company: Devo	n Energy		La	ab WO	#			Numb			1D	2D	3D Std	NI	VI CO L	IT TX	
Project:	Marwari 28	CTB 2			Address: 5315 F	Buena Vista Dr		E	50	308	52	AC	584	W	71		X		x			
Project N	Manager: As	hley Giov	engo		City, State, Zip:	Carlsbad NM, 882	220															
Address:	3122 Natio	nal Parks	Hwy		Phone: (575)689	-7597						Ana	lysis	and N	Veth	nod				EPA Pro	gram	
City, Stat	e, Zip: Carls	bad NM,	88220		Email: jim.raley	@dvn.com										5-1			SDWA	CWA	RCF	₹A
	575-988-005				Miscellaneous: Jir																	
Email: a	giovengo@e	nsolum.c	om		100000000000000000000000000000000000000	,			rJ.	S									Complia	ince	y or	N
									801	801	-		0	×	200				PWSID	#		
				Sample Info	rmation				0 6	O by	802	3260	300	5-1	Meta		Σ	¥	9 0			
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID		Field	Lab Numb	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX	Samle	R	emarks	
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Addition	al Instruction	ons: Ple	ease CC: c	 burton@ensolun	n.com, agiovengo@	ensolum.com, jir	n.rale	y@dvr	n.com,	iestr	ella@	enso	olum.	com,	chai	milt	on@	ensolum	.com,	1		
bmoir@	ensolum.co	m, jhinkle	e@ensolu	m.com, akone@	ensolum.com, jgon vare that tampering with or	zales@ensolum.c	om, j	mccaul	ey@e	nsolu e or tim	m.co	m	n is con	sidered	fraud	d and r	may be	grounds fo	r legal action	on.		_
Sampled by	:Jenna Hinkl	e and hi	ic Pluc	60	7777																	
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mar	inna 2	lomas	elsa	8-7-25	1600	Anare	ue.	MЦ	usse	2	8.	7.2	5		16	00	0			sequent o		_
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Note: San	nles are discar	ded 14 days	s after result	s are reported unless	other arrangements ar	e made. Hazardous sa	mples	will be re	eturned	to clie	nt or o	lispose	d of a	t the c	lient e	exper	nse. T	he report f	or the an	lysis of th	above	
Note: San	trix: S - Soil, Sd - ples are discar applicable onl	ded 14 days	s after resul	s are reported unless	oother arrangements ar y with this COC. The liab	e made. Hazardous sa pility of the laboratory	mples	ntainer T will be re ted to th	eturned	to clie	nt or o	lispos	d of a	, ag - t the c	ambe lient e	er gla exper	ass, v nse. T	- VOA he report f	or the an	llysis of th	e above	-

envirotech Inc.

Printed: 8/8/2025 10:39:17AM

Envirotech Analytical Laboratory

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:	Devon Energy - Carlsbad	Date Received:	08/08/25 0	08:00			Work Order ID:	E508082
Phone:	(505) 382-1211	Date Logged In:	08/07/25 1	5:20			Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	08/11/25 0	7:00 (1 day T	TAT)			
Chain of	Custody (COC)							
1. Does th	ne sample ID match the COC?		Yes					
2. Does th	ne number of samples per sampling site location ma	tch the COC	Yes					
3. Were sa	amples dropped off by client or carrier?		Yes	Carri	ier: <u>Co</u>	<u>urier</u>		
4. Was the	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes					
5. Were a	Il samples received within holding time?		Yes					
	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssi						Comment	s/Resolution
Sample T	urn Around Time (TAT)				Г			
	COC indicate standard TAT, or Expedited TAT?		Yes					
Sample C	<u>Cooler</u>							
7. Was a s	sample cooler received?		Yes					
8. If yes,	was cooler received in good condition?		Yes					
9. Was the	e 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					
-	e sample received on ice?		Yes					
12	Note: Thermal preservation is not required, if samples ar	e received within	103					
	15 minutes of sampling							
13. See C	OC for individual sample temps. Samples outside o	f 0°C-6°C will be	recorded in	n comments	3.			
Sample C	<u>Container</u>							
	queous VOC samples present?		No					
	OC 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 no	on-VOC samples collected in the correct containers	?	Yes					
19. Is the a	appropriate volume/weight or number of sample contain	ners collected?	Yes					
Field Lab								
	field sample labels filled out with the minimum info	ormation:	**					
	ample ID? ate/Time Collected?		Yes		L			
	ollectors name?		Yes Yes					
	reservation		168					
	the COC or field labels indicate the samples were p	reserved?	No					
22. Are sa	ample(s) correctly preserved?		NA					
	filtration required and/or requested for dissolved m	etals?	No					
	se Sample Matrix							
	the sample have more than one phase, i.e., multipha	se?	No					
	does the COC specify which phase(s) is to be analy		NA					
•		, 2001	11/21					
	act Laboratory	9	Ma					
	amples required to get sent to a subcontract laborato subcontract laboratory specified by the client and i	*	No NA	C1	4 T -1	NI A		
		i so wilo:	INA	Subcontract	t Lab:	NA		
Client Ir	<u>istruction</u>							

Date

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

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Marwari 28 CTB 2

Work Order: E508111

Job Number: 01058-0007

Received: 8/12/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 8/13/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

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

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

Date Reported: 8/13/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Marwari 28 CTB 2

Workorder: E508111

Date Received: 8/12/2025 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/12/2025 7:30:00AM, under the Project Name: Marwari 28 CTB 2.

The analytical test results summarized in this report with the Project Name: Marwari 28 CTB 2 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881 Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe

Laboratory Technical Representative Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

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Γ	Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
ı	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
	Artesia NM, 88210	Project Manager:	Ashley Giovengo	08/13/25 15:58

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS86-2'	E508111-01A	Soil	08/08/25	08/12/25	Glass Jar, 2 oz.
FS87-2'	E508111-02A	Soil	08/08/25	08/12/25	Glass Jar, 2 oz.
FS88-2'	E508111-03A	Soil	08/08/25	08/12/25	Glass Jar, 2 oz.
FS89-2'	E508111-04A	Soil	08/08/25	08/12/25	Glass Jar, 2 oz.
FS90-2'	E508111-05A	Soil	08/08/25	08/12/25	Glass Jar, 2 oz.
FS91-2'	E508111-06A	Soil	08/08/25	08/12/25	Glass Jar, 2 oz.
FS99-2'	E508111-07A	Soil	08/08/25	08/12/25	Glass Jar, 2 oz.
FS100-2'	E508111-08A	Soil	08/08/25	08/12/25	Glass Jar, 2 oz.
FS103-2'	E508111-09A	Soil	08/08/25	08/12/25	Glass Jar, 2 oz.
FS104-2'	E508111-10A	Soil	08/08/25	08/12/25	Glass Jar, 2 oz.
FS105-2'	E508111-11A	Soil	08/08/25	08/12/25	Glass Jar, 2 oz.
FS106-2'	E508111-12A	Soil	08/08/25	08/12/25	Glass Jar, 2 oz.

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/13/2025 3:58:38PM

FS86-2'

		1200111 01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: SL		Batch: 2533041
Benzene	ND	0.0250	1	08/12/25	08/12/25	_
Ethylbenzene	ND	0.0250	1	08/12/25	08/12/25	
Toluene	ND	0.0250	1	08/12/25	08/12/25	
o-Xylene	ND	0.0250	1	08/12/25	08/12/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/12/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/12/25	
Surrogate: 4-Bromochlorobenzene-PID		86.5 %	70-130	08/12/25	08/12/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2533041
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/12/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.2 %	70-130	08/12/25	08/12/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: KH		Batch: 2533032
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/12/25	
Surrogate: n-Nonane		117 %	61-141	08/12/25	08/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	Analyst: DT		Batch: 2533029
Chloride	139	20.0	1	08/12/25	08/12/25	

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/13/2025 3:58:38PM

FS87-2'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2533041
Benzene	ND	0.0250	1	08/12/25	08/12/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/12/25	
Toluene	ND	0.0250	1	08/12/25	08/12/25	
o-Xylene	ND	0.0250	1	08/12/25	08/12/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/12/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/12/25	
Surrogate: 4-Bromochlorobenzene-PID		83.9 %	70-130	08/12/25	08/12/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2533041
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/12/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.2 %	70-130	08/12/25	08/12/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2533032
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/12/25	
Surrogate: n-Nonane		117 %	61-141	08/12/25	08/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2533029
Chloride	43.8	20.0	1	08/12/25	08/12/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/13/2025 3:58:38PM

FS88-2'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2533041
Benzene	ND	0.0250	1	08/12/25	08/12/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/12/25	
Toluene	ND	0.0250	1	08/12/25	08/12/25	
o-Xylene	ND	0.0250	1	08/12/25	08/12/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/12/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/12/25	
Surrogate: 4-Bromochlorobenzene-PID		87.8 %	70-130	08/12/25	08/12/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2533041
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/12/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.6 %	70-130	08/12/25	08/12/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2533032
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/12/25	
Surrogate: n-Nonane		118 %	61-141	08/12/25	08/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2533029
· · · · · · · · · · · · · · · · · · ·	106	20.0		08/12/25	08/12/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/13/2025 3:58:38PM

FS89-2'

	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analyst	: SL		Batch: 2533041
ND	0.0250	1	08/12/25	08/12/25	
ND	0.0250	1	08/12/25	08/12/25	
ND	0.0250	1	08/12/25	08/12/25	
ND	0.0250	1	08/12/25	08/12/25	
ND	0.0500	1	08/12/25	08/12/25	
ND	0.0250	1	08/12/25	08/12/25	
	84.4 %	70-130	08/12/25	08/12/25	
mg/kg	mg/kg	Analyst	: SL		Batch: 2533041
ND	20.0	1	08/12/25	08/12/25	
	89.1 %	70-130	08/12/25	08/12/25	
mg/kg	89.1 % mg/kg	70-130 Analyst		08/12/25	Batch: 2533032
mg/kg ND				08/12/25 08/12/25	Batch: 2533032
	mg/kg		: KH		Batch: 2533032
ND	mg/kg 25.0		: KH 08/12/25	08/12/25	Batch: 2533032
ND	mg/kg 25.0 50.0	Analyst 1 1	08/12/25 08/12/25 08/12/25	08/12/25 08/12/25	Batch: 2533032 Batch: 2533029
	mg/kg ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 84.4 % mg/kg	Result Limit Dilution mg/kg mg/kg Analyst ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 70-130 mg/kg mg/kg Analyst	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 08/12/25 ND 0.0250 1 08/12/25 ND 0.0250 1 08/12/25 ND 0.0250 1 08/12/25 ND 0.0500 1 08/12/25 ND 0.0250 1 08/12/25 ND 0.0250 1 08/12/25 mg/kg mg/kg Analyst: SL	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 08/12/25 08/12/25 ND 0.0500 1 08/12/25 08/12/25 ND 0.0250 1 08/12/25 08/12/25 ND 0.0250 1 08/12/25 08/12/25 84.4 % 70-130 08/12/25 08/12/25 mg/kg mg/kg Analyst: SL



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/13/2025 3:58:38PM

FS90-2'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2533041
Benzene	ND	0.0250	1	08/12/25	08/12/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/12/25	
Toluene	ND	0.0250	1	08/12/25	08/12/25	
o-Xylene	ND	0.0250	1	08/12/25	08/12/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/12/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/12/25	
Surrogate: 4-Bromochlorobenzene-PID		83.5 %	70-130	08/12/25	08/12/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2533041
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/12/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.1 %	70-130	08/12/25	08/12/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2533032
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/12/25	
Surrogate: n-Nonane		122 %	61-141	08/12/25	08/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: DT		Batch: 2533029
·	113	20.0	1	08/12/25	08/12/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/13/2025 3:58:38PM

FS91-2'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2533041
Benzene	ND	0.0250	1	08/12/25	08/12/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/12/25	
Toluene	ND	0.0250	1	08/12/25	08/12/25	
o-Xylene	ND	0.0250	1	08/12/25	08/12/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/12/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/12/25	
Surrogate: 4-Bromochlorobenzene-PID		84.5 %	70-130	08/12/25	08/12/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2533041
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/12/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.0 %	70-130	08/12/25	08/12/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2533032
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/12/25	
Surrogate: n-Nonane		124 %	61-141	08/12/25	08/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2533029
Chloride	199	20.0	1	08/12/25	08/12/25	•



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/13/2025 3:58:38PM

FS99-2'

	Reporting					
Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
mg/kg	mg/kg	I	Analyst: SI			Batch: 2533041
ND	0.0250	1		08/12/25	08/12/25	
ND	0.0250	1		08/12/25	08/12/25	
ND	0.0250	1		08/12/25	08/12/25	
ND	0.0250	1		08/12/25	08/12/25	
ND	0.0500	1		08/12/25	08/12/25	
ND	0.0250	1		08/12/25	08/12/25	
	84.6 %	70-130		08/12/25	08/12/25	
mg/kg	mg/kg	I	Analyst: SI			Batch: 2533041
ND	20.0	1		08/12/25	08/12/25	
	92.7 %	70-130		08/12/25	08/12/25	
mg/kg	mg/kg	I	Analyst: K	Н		Batch: 2533032
ND	25.0	1		08/12/25	08/12/25	
ND	50.0	1		08/12/25	08/12/25	
				00/12/25	00/12/25	
	124 %	61-141		08/12/25	08/12/25	
mg/kg	124 % mg/kg		Analyst: D		08/12/25	Batch: 2533029
	mg/kg ND	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 84.6 % mg/kg ND 20.0 92.7 % mg/kg Mg/kg mg/kg ND 25.0	Result Limit Dilu mg/kg mg/kg ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 84.6 % 70-130 mg/kg mg/kg ND 20.0 1 92.7 % 70-130 mg/kg mg/kg Mg/kg ND 25.0 1	Result Limit Dilution mg/kg mg/kg Analyst: SI ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 70-130 mg/kg mg/kg Analyst: SI ND 20.0 1 mg/kg mg/kg Analyst: KI ND 25.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 08/12/25 ND 0.0250 1 08/12/25 ND 0.0250 1 08/12/25 ND 0.0250 1 08/12/25 ND 0.0500 1 08/12/25 ND 0.0250 1 08/12/25 mg/kg mg/kg Analyst: SL ND 20.0 1 08/12/25 mg/kg mg/kg Analyst: KH ND 25.0 1 08/12/25	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 08/12/25 08/12/25 ND 0.0500 1 08/12/25 08/12/25 ND 0.0250 1 08/12/25 08/12/25 mg/kg mg/kg Analyst: SL ND 20.0 1 08/12/25 08/12/25 mg/kg mg/kg Analyst: SL 08/12/25 08/12/25 mg/kg mg/kg Analyst: KH 08/12/25 08/12/25



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/13/2025 3:58:38PM

FS100-2'

E508111-08

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2533041
Benzene	ND	0.0250	1	08/12/25	08/12/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/12/25	
Toluene	ND	0.0250	1	08/12/25	08/12/25	
o-Xylene	ND	0.0250	1	08/12/25	08/12/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/12/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/12/25	
Surrogate: 4-Bromochlorobenzene-PID		83.4 %	70-130	08/12/25	08/12/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2533041
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/12/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.7 %	70-130	08/12/25	08/12/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2533032
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/12/25	
Surrogate: n-Nonane		120 %	61-141	08/12/25	08/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2533029
·	326	20.0	1	08/12/25	08/12/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/13/2025 3:58:38PM

FS103-2'

		E508111-09				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2533041
Benzene	ND	0.0250	1	08/12/25	08/12/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/12/25	
Toluene	ND	0.0250	1	08/12/25	08/12/25	
o-Xylene	ND	0.0250	1	08/12/25	08/12/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/12/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/12/25	
Surrogate: 4-Bromochlorobenzene-PID		83.6 %	70-130	08/12/25	08/12/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2533041
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/12/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.4 %	70-130	08/12/25	08/12/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2533032
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/12/25	
Surrogate: n-Nonane		117 %	61-141	08/12/25	08/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2533029
Chloride	166	20.0	1	08/12/25	08/12/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/13/2025 3:58:38PM

FS104-2' E508111-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	Analyst: SL		Batch: 2533041
Benzene	ND	0.0250	1	08/12/25	08/12/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/12/25	
Toluene	ND	0.0250	1	08/12/25	08/12/25	
o-Xylene	ND	0.0250	1	08/12/25	08/12/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/12/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/12/25	
Surrogate: 4-Bromochlorobenzene-PID		83.6 %	70-130	08/12/25	08/12/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2533041
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/12/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.6 %	70-130	08/12/25	08/12/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2533032
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/12/25	
Surrogate: n-Nonane		118 %	61-141	08/12/25	08/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2533029
Chloride	182	20.0	1	08/12/25	08/12/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/13/2025 3:58:38PM

FS105-2'

		E508111-11				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2533041
Benzene	ND	0.0250	1	08/12/25	08/12/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/12/25	
Toluene	ND	0.0250	1	08/12/25	08/12/25	
o-Xylene	ND	0.0250	1	08/12/25	08/12/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/12/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/12/25	
Surrogate: 4-Bromochlorobenzene-PID		84.4 %	70-130	08/12/25	08/12/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2533041
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/12/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.8 %	70-130	08/12/25	08/12/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2533032
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/12/25	
Surrogate: n-Nonane		113 %	61-141	08/12/25	08/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2533029
Chloride	124	20.0	1	08/12/25	08/12/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/13/2025 3:58:38PM

FS106-2'

E50811	1-12
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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: SL		Batch: 2533041
Benzene	ND	0.0250	1	08/12/25	08/12/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/12/25	
Toluene	ND	0.0250	1	08/12/25	08/12/25	
o-Xylene	ND	0.0250	1	08/12/25	08/12/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/12/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/12/25	
Surrogate: 4-Bromochlorobenzene-PID		85.3 %	70-130	08/12/25	08/12/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	Analyst: SL		Batch: 2533041
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/12/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.4 %	70-130	08/12/25	08/12/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: KH		Batch: 2533032
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/12/25	
Surrogate: n-Nonane		114 %	61-141	08/12/25	08/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2533029
	350	20.0		08/12/25	08/12/25	<u> </u>



QC Summary Data

		QC B	umm	ary Dat	а				
Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:	0	1arwari 28 CT 1058-0007					Reported:
Artesia NM, 88210		Project Manager:	A	shley Gioveng	go				8/13/2025 3:58:38PM
		Volatile O	rganics	by EPA 802	21B				Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2533041-BLK1)							Prepared: 0	8/12/25 A	nalyzed: 08/12/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.72		8.00		84.0	70-130			
LCS (2533041-BS1)							Prepared: 0	8/12/25 A	nalyzed: 08/12/25
Benzene	4.49	0.0250	5.00		89.9	70-130			
Ethylbenzene	4.35	0.0250	5.00		87.0	70-130			
Toluene	4.45	0.0250	5.00		89.0	70-130			
o-Xylene	4.42	0.0250	5.00		88.4	70-130			
o,m-Xylene	8.85	0.0500	10.0		88.5	70-130			
Total Xylenes	13.3	0.0250	15.0		88.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.88		8.00		85.9	70-130			
Matrix Spike (2533041-MS1)				Source:	E508111-0	03	Prepared: 0	8/12/25 A	nalyzed: 08/12/25
Benzene	4.60	0.0250	5.00	ND	92.0	70-130			

Matrix Spike Dup (2533041-MSD1)				Source:	E508111-0)3	Prepared: 08/12/25 Analyzed: 08/12/25
Surrogate: 4-Bromochlorobenzene-PID	6.96		8.00		87.0	70-130	
Total Xylenes	13.5	0.0250	15.0	ND	90.2	70-130	
p,m-Xylene	9.02	0.0500	10.0	ND	90.2	70-130	
o-Xylene	4.51	0.0250	5.00	ND	90.3	70-130	
Toluene	4.54	0.0250	5.00	ND	90.9	70-130	
Ethylbenzene	4.43	0.0250	5.00	ND	88.5	70-130	
Benzene	4.60	0.0250	5.00	ND	92.0	70-130	

5.00

5.00

5.00

5.00

10.0

15.0

ND

ND

ND

ND

ND

ND

110

108

109

107

109

108

70-130

70-130

70-130

70-130

70-130

70-130

70-130

18.1

19.5

18.5

16.8

18.9

18.2

27

26

20

25

23

26

5.52

5.38

5.47

5.34

10.9

16.2

0.0250

0.0250

0.0250

0.0250

0.0500

0.0250



Ethylbenzene

Toluene

o-Xylene

p,m-Xylene Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	·
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/13/2025 3:58:38PM

Artesia NM, 88210		Project Number		hley Gioveng	go			8	8/13/2025 3:58:38PM
	Non	halogenated	Organics l	by EPA 801	15D - G	RO			Analyst: SL
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2533041-BLK1)							Prepared: 0	8/12/25 An	alyzed: 08/12/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.19		8.00		89.8	70-130			
LCS (2533041-BS2)							Prepared: 0	8/12/25 An	alyzed: 08/12/25
Gasoline Range Organics (C6-C10)	43.2	20.0	50.0		86.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.24		8.00		90.5	70-130			
Matrix Spike (2533041-MS2)				Source:	E508111-0	03	Prepared: 0	8/12/25 An	alyzed: 08/12/25
Gasoline Range Organics (C6-C10)	44.1	20.0	50.0	ND	88.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.19		8.00		89.9	70-130			
Matrix Spike Dup (2533041-MSD2)				Source:	E508111-0	03	Prepared: 0	8/12/25 An	alyzed: 08/12/25
Gasoline Range Organics (C6-C10)	48.0	20.0	50.0	ND	96.1	70-130	8.63	20	

8.00

7.22

90.2

70-130

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	-
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/13/2025 3:58:38PM

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go			8	3/13/2025 3:58:38PM
	Nonha	logenated Or		Analyst: KH					
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2533032-BLK1)							Prepared: 0	8/12/25 An	alyzed: 08/12/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	58.2		50.0		116	61-141			
LCS (2533032-BS1)							Prepared: 0	8/12/25 An	alyzed: 08/12/25
Diesel Range Organics (C10-C28)	306	25.0	250		122	66-144			
Surrogate: n-Nonane	58.5		50.0		117	61-141			
Matrix Spike (2533032-MS1)				Source:	E508111-0)2	Prepared: 0	8/12/25 An	alyzed: 08/12/25
Diesel Range Organics (C10-C28)	316	25.0	250	ND	127	56-156			
Surrogate: n-Nonane	60.3		50.0		121	61-141			
Matrix Spike Dup (2533032-MSD1)				Source:	E508111-0)2	Prepared: 0	8/12/25 An	alyzed: 08/12/25
Diesel Range Organics (C10-C28)	300	25.0	250	ND	120	56-156	5.43	20	
Surrogate: n-Nonane	57.8		50.0		116	61-141			

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		1arwari 28 CT 1058-0007	B 2			Reported:	
Artesia NM, 88210		Project Manager	: A	shley Gioveng	go				8/13/2025 3:58:38PM
		Anions	by EPA	300.0/9056 <i>A</i>	4				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2533029-BLK1)							Prepared: 0	8/12/25	Analyzed: 08/12/25
Chloride	ND	20.0							
LCS (2533029-BS1)							Prepared: 0	8/12/25	Analyzed: 08/12/25
Chloride	258	20.0	250		103	90-110			
Matrix Spike (2533029-MS1)				Source:	E508111-0	13	Prepared: 0	8/12/25	Analyzed: 08/12/25
Chloride	345	20.0	250	106	95.6	80-120			
Matrix Spike Dup (2533029-MSD1)				Source:	E508111-0	13	Prepared: 0	8/12/25	Analyzed: 08/12/25
Chloride	357	20.0	250	106	100	80-120	3.29	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

	Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
-	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
	Artesia NM, 88210	Project Manager:	Ashley Giovengo	08/13/25 15:58

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.



Sample Information Time Sampled Date Sampled Matrix Considers Sample ID Sample ID Sample Date Sampled Matrix Considers Sample ID Sample		Clie	nt Inform	nation	100	Invoice Information				Lab Use Only								Т			State	e
Project, Manager, 28 (T18) Address: 5315 Buena Nista Dr Chry, State, 2015. Carlsbad NM, 8820 Phone: 575-988-0055 Email: agiovengo@ensolum.com Miscellaneous: Jim Raley Email: agiovengo@ensolum.com Miscellaneous: Jim Raley Email: Manager of the Sample Information Sample ID	Client: D	evon				Company: Devo	n Energy									1D :	2D	3D Std	N	M C	O UT	TX
Project Manager: Ashlev Giovenge Analysis and Method EPA Program Analysis and Method SUPA Program Phone: 157-9869-7597 Email: imm.raley@dvn.com Miscellaneous: Jim Raley Method Suparable Maria Complaince Program Miscellaneous: Jim Raley Method Suparable Maria Complaince Program Miscellaneous: Jim Raley Method Suparable Maria Complaince Program Miscellaneous: Jim Raley M			CTB 2						FT	21	111	10	1058	,000	Π	-	_		_			
Address: 3122 National Parks Hwy Circuit, Natae, Zinc, Cardbada MM, 88220 Phones: 575-988-0055 Email: apjovengo@ensolum.com Sample Information Information Sample Information Information Sample Information I				engo		City, State, Zip: (Carlsbad NM, 8822			-												
CITY, State Zip. Carlsbase MM, 88220 Miscellaneous: Jim Raley Miscella		District Control of the Control of t				Phone: (575)689	-7597					A	nalysis	and	Meth	od				EPA	Progra	m
Planes: \$75-988-0055 Famili: apipore ngo@ensolum.com Miscellaneous: Jim Raley Famili: apipore ngo@ensolum.com Famili: apipore ngo@enso				- Tennis III		Email: iim.ralev@	dvn.com											-	SDW	A	CWA	RCRA
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100 100	1100					87-	21	2									4		1.4)		
MA 1059 1070 1089 10	1109					88-	-21	3	3								1		1.(0		
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dvn.com, lestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, agiovengo@ensolum.com, jim.raley@dvn.com, lestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jim.raley@dvn.com, lestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jim.raley@dvn.com, lestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jim.raley@dvn.com, lestrella@ensolum.com, chamilton@ensolum.com, jim.raley@dvn.com, lestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jim.raley@dvn.com, lestrella@ensolum.com, chamilton@ensolum.com, jim.raley@dvn.com, lestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jim.raley@dvn.com, iim.raley@dvn.com, lestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jim.raley@dvn.com, iim.raley@dvn.com, lestrella@ensolum.com, chamilton@ensolum.com, jim.raley@dvn.com, iim.raley@dvn.com, iim.raley@dvn.com, lestrella@ensolum.com, chamilton@ensolum.com, jim.raley@dvn.com, iim.raley@dvn.com, iim.raley@dv	1104					89-	2'	4									1		1.			
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dvn.com, lestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jim.raley@dvn.com, jim.raley@dvn.com, jestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jim.raley@dvn.com, jim.raley@dvn.com, jestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jim.raley@dvn.com, jestrella@ensolum.com, chamilton@ensolum.com, jim.raley@dvn.com, jestrella@ensolum.com, jim.raley@dvn.com, jestrella@ensolum.com, j	1227					00-	ひ	5									+		1.8			
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dvn.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, akone@ensolum.com, jgonzales@ensolum.com, jim.raley@dvn.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jsonzales@ensolum.com, jmonzales@ensolum.com, jmonzale	1059					91-	2	6									1		1.1			
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dvn.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jhinkle@ensolum.com, akone@ensolum.com, igonzales@ensolum.com, jmccauley@ensolum.com 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: (Signature) Permy House Billy Time Relinquished by: (Signature) Permy House Billy Time Relinquished by: (Signature) Permy House Billy Time Received by: (Signature) Permy House Billy Time Received by: (Signature) Pate Billy Time Received by: (Signature) Pate Billy Time Received by: (Signature) Pate Billy Time Pate Billy Time Received by: (Signature) Pate Billy Time Pa						99	-2'	7								-	1		2.1			
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dvn.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, akone@ensolum.com, jgonzales@ensolum.com, jmcauley@ensolum.com, ininkle@ensolum.com, akone@ensolum.com, jgonzales@ensolum.com, jmcauley@ensolum.com 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:ienna Hinkle_ Relinquished by: (Signature) Date Time Received by: (Signature) Date Time Received by: (Signature) Date Time Received by: (Signature) Time Received by: (Signature) Date Time Analysis Time Received by: (Signature) Date Time 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	1035					100-	- 2'	8	5								1			,		
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dvn.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jim.raley@dvn.com, jim.raley@dvn.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jim.raley@dvn.com, jim.raley@dvn.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jim.raley@dvn.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jim.raley@dvn.com, jim.raley@dvn.com, jim.raley@dvn.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jim.raley@dvn.com, ji	1240					103-	9									1			4			
bmoir@ensolum.com, jhinkle@ensolum.com, akone@ensolum.com, jgonzales@ensolum.com, jmccauley@ensolum.com 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:lenna Hinkle	1026	J	1	7			- 2'										1					
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:ienna Hinkle_ Relinquished by: (Signature)														n.com	, cha	milto	n@	ensolum	.com,			
Samples requiring thermal preservation must be received by: (Signature) Relinquished by: (Signature) Received by: (Signature) Date Received by: (Signature) Date Received by: (Signature) Date Received by: (Signature) Date Time Received by: (Signature) Recei	bmoir@	ensolum.co	m, jhinkl	e@ensolu	m.com, akone@	ensolum.com, igona	ales@ensolum.co	m, imccau	ıley@	ens	olum	com	etion is a	neidar	d fraue	l and m	av ho	grounds for	s legal ac	ion		
Relinquished by: (Signature) Received by: (Signature) Date Time 1730 Received by: (Signature) Received by: (Signature) Date Time Lab Use Only Received on ice: Received on ice: Received by: (Signature) Received by: (Signature) Date Time 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	Property of the Park			a authenticity	or this sample. I am av	ware that tampening with or	intentionally mislabeling	the sample lo	cation, c	uate c	or time c	Conc	ction is co	Jijidei	u muu	and m	ay oc	Broamas re	iegui sei			
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Relinquished by: (Signature) Relinquished by: (Signature) Relinquished by: (Signature) Relinquished by: (Signature) Received by: (Signature) Received by: (Signature) Received by: (Signature) Received by: (Signature) Date Time Received by: (Signature) Date Time Date Time Received by: (Signature) Date Time Received by: (Signature) Date Time 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		Whichelle Gonzales 81125		1400	Illarissa.	Long	ale	0	8-	12	7		141	Cic		rec	eived p	acked	on ice	at a temp		
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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							10	_							u a ve I		1/01					
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.	Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other							Container	Type:	g - 8	glass, I	- po	iy/plast	ic, ag	- amb	er gla	SS, V	- VOA		-1.55	7.1	Cic. vo
	Note: San	ples are discar	ded 14 day	s after resul	ts are reported unles gived by the laborato	s other arrangements are rv with this COC. The liab	e made. Hazardous sam sility of the laboratory i	npies will be is limited to t	return	ea to	paid fo	r on t	posea of he repor	at the t.	client	expen	se. II	ie report i	or the al	ialysis	or the a	ibove

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	Clie	nt Inform	nation		Inv	oice Information		- 1		Lat	Use C	Only		-	-	TA	AT	State			
Client: D	evon				Company: De	evon Energy		Lab	WO#		Jo	b Nun			1D 2	20	3D Sto	I NM	CO UT	TX	
Project:	Marwari 28	CTB 2			Address: 531	5 Buena Vista Dr		_ E5	#0W	1115	0	165	f.a	Tax		х		x			
	Manager: As					: Carlsbad NM, 8	8220														
	3122 Natio				Phone: (575)6	89-7597		_	L.,		Aı	nalysis and Method						EPA Program			
	e, Zip: Carls		88220		Email: jim.ral													SDWA	CWA	RCRA	
	575-988-005				Miscellaneous:	Jim Raley													T w	1	
Email: a	giovengo@e	nsolum.c	com						8015	015								Compliane PWSID #	ce Y	or N	
				Cample Int	Sample Information					by 8	50	BTEX by 8021 VOC by 8260	0.00	7	etals	1 1	5				_
Time			No. of	Sample ini				Lab	ORO	GRO/DRO by 8015	by 8	ide 3	1005	TCEQ 1005 - TX	RCRA 8 Metals		Z C	BGDOC - TX	Samle Temp	Rei	marks
Sampled	Date Sampled	Matrix	Containers		Sample ID E Lab			Number	DRO/ORO by	GRO,	BTEX by 8021 VOC hv 8260	Chloride 300.0	TCEQ	RCRA		BGDOC - NM	веро	Sa		1193.100	
0817	8/8/2025	Soil			F5105-2											+		2.5			
0820	818/215	Sil	1		FS 106	-2'		12								F		4.4			
bmoir@	ensolum.com	n, ihinkle	e@ensolu	m.com, akone	um.com, agiovengo @ensolum.com, jg aware that tampering wit	onzales@ensolum	.com, in	ccauley	@ens	olum	.com										
Sampled by	:Jenna Hinkle				Time					Date										(
Relinquished by: (Signature) Date S/11/20:				8/11/2025	7:00	Received by: (Sign	e 6	man				1-25 Time			DD			Samples re eservation n	nust be r	eceived or	
_	elinquished by: (Signature)			7-1125	Time	Received by: (Sign	· Da	nzali	2.4	Date	11-2	5	Time	141	50		rei	e the day the ceived pack	ed on ice	at a temp	
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Relinduis	in Air cult enter Musso Pate			B.11.	5 Time 2145		nature)	on		Date	12.2	5	Time	30)			Lab Use Only Received on ice:			
Relinquish	inquished by: (Signature)			Date	Time Received by: (Signature)					Date			Time					(N (Y		

Printed: 8/12/2025 10:20:13AM

Envirotech Analytical Laboratory

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:	Devon Energy - Carlsbad	Date Received:	08/12/25	07:30			Work Order ID:	E508111
Phone:	(505) 382-1211	Date Logged In:	08/11/25	14:39			Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:		07:00 (1 d	ay TAT)		88	
Chain of	Custody (COC)							
	he sample ID match the COC?		Yes					
2. Does t	he number of samples per sampling site location m	atch the COC	Yes					
3. Were s	amples dropped off by client or carrier?		Yes	C	Carrier: Cou	ırier		
4. Was th	e COC complete, i.e., signatures, dates/times, requ	ested analyses?	Yes					
5. Were a	ll samples received within holding time?		Yes					
	Note: Analysis, such as pH which should be conducted i.e, 15 minute hold time, are not included in this disucs	•					Comment	ts/Resolution
Sample 7	Furn Around Time (TAT)	Sion.						
	e COC indicate standard TAT, or Expedited TAT?		Yes					
Sample (
	sample cooler received?		Yes					
8. If yes,	was cooler received in good condition?		Yes					
9. Was th	e 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 th	e sample received on ice?		Yes					
	Note: Thermal preservation is not required, if samples	are received within						
12.0	15 minutes of sampling	2000 000 1111			.			
	OC for individual sample temps. Samples outside	of 0°C-6°C will be	recorded	in commo	ents.			
	Container VCC 1 1 22							
	queous VOC samples present?		No					
	OC samples collected in VOA Vials?		NA NA					
	head space less than 6-8 mm (pea sized or less)?		NA					
	a trip blank (TB) included for VOC analyses?	0	NA					
	on-VOC samples collected in the correct container		Yes					
	appropriate volume/weight or number of sample conta	amers conected?	Yes					
Field La	ner best of the sample labels filled out with the minimum in	formation						
	ample ID?	iormation.	Yes					
	Pate/Time Collected?		Yes		L			
C	follectors name?		Yes					
Sample I	<u>Preservation</u>							
21. Does	the COC or field labels indicate the samples were	preserved?	No					
22. Are s	ample(s) correctly preserved?		NA					
24. Is lab	filtration required and/or requested for dissolved i	netals?	No					
	ase Sample Matrix							
26. Does	the sample have more than one phase, i.e., multiple	nase?	No					
27. If yes	, does the COC specify which phase(s) is to be ana	ılyzed?	NA					
Subconti	ract Laboratory							
28. Are s	amples required to get sent to a subcontract laborar	tory?	No					
29. Was a	subcontract laboratory specified by the client and	if so who?	NA	Subcont	tract Lab: N	NΑ		
Client I	nstruction_							
								1
1								
L								

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Marwari 28 CTB 2

Work Order: E508128

Job Number: 01058-0007

Received: 8/13/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 8/14/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

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

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

Date Reported: 8/14/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Marwari 28 CTB 2

Workorder: E508128

Date Received: 8/13/2025 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/13/2025 7:00:00AM, under the Project Name: Marwari 28 CTB 2.

The analytical test results summarized in this report with the Project Name: Marwari 28 CTB 2 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881 Cell: 775-287-1762

whinchman@envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Donoutoda
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	08/14/25 14:17

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS67-2'	E508128-01A	Soil	08/11/25	08/13/25	Glass Jar, 2 oz.
FS69-2'	E508128-02A	Soil	08/11/25	08/13/25	Glass Jar, 2 oz.
FS70-2'	E508128-03A	Soil	08/11/25	08/13/25	Glass Jar, 2 oz.
FS75-3'	E508128-04A	Soil	08/11/25	08/13/25	Glass Jar, 2 oz.
FS76- 2'-3'	E508128-05A	Soil	08/11/25	08/13/25	Glass Jar, 2 oz.
FS77- 2'-3'	E508128-06A	Soil	08/11/25	08/13/25	Glass Jar, 2 oz.
FS95-3'	E508128-07A	Soil	08/11/25	08/13/25	Glass Jar, 2 oz.
FS97-3'	E508128-08A	Soil	08/11/25	08/13/25	Glass Jar, 2 oz.
FS98-3'	E508128-09A	Soil	08/11/25	08/13/25	Glass Jar, 2 oz.
FS101-4'	E508128-10A	Soil	08/11/25	08/13/25	Glass Jar, 2 oz.
FS102-4'	E508128-11A	Soil	08/11/25	08/13/25	Glass Jar, 2 oz.
SW01- 0'-4'	E508128-12A	Soil	08/11/25	08/13/25	Glass Jar, 2 oz.
SW02- 0'-4'	E508128-13A	Soil	08/11/25	08/13/25	Glass Jar, 2 oz.
SW03- 0'-4'	E508128-14A	Soil	08/11/25	08/13/25	Glass Jar, 2 oz.
SW04- 0'-4'	E508128-15A	Soil	08/11/25	08/13/25	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/14/2025 2:17:52PM

FS67-2' E508128-01

		E300120-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Analyte	Resuit	Limit	Dilution	Frepared	Allalyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2533062
Benzene	ND	0.0250	1	08/13/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/13/25	08/13/25	
Toluene	ND	0.0250	1	08/13/25	08/13/25	
o-Xylene	ND	0.0250	1	08/13/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/13/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/13/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		84.7 %	70-130	08/13/25	08/13/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2533062
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/13/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.9 %	70-130	08/13/25	08/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2533074
Diesel Range Organics (C10-C28)	ND	25.0	1	08/13/25	08/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/13/25	08/13/25	
Surrogate: n-Nonane		94.8 %	61-141	08/13/25	08/13/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2533064
Chloride	153	20.0	1	08/13/25	08/13/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/14/2025 2:17:52PM

FS69-2'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2533062
Benzene	ND	0.0250	1	08/13/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/13/25	08/13/25	
Toluene	ND	0.0250	1	08/13/25	08/13/25	
o-Xylene	ND	0.0250	1	08/13/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/13/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/13/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		84.8 %	70-130	08/13/25	08/13/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2533062
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/13/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.2 %	70-130	08/13/25	08/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2533074
Diesel Range Organics (C10-C28)	ND	25.0	1	08/13/25	08/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/13/25	08/13/25	
Surrogate: n-Nonane		94.9 %	61-141	08/13/25	08/13/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2533064
Chloride	198	20.0	1	08/13/25	08/13/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/14/2025 2:17:52PM

FS70-2'

	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2533062
ND	0.0250	1	08/13/25	08/13/25	
ND	0.0250	1	08/13/25	08/13/25	
ND	0.0250	1	08/13/25	08/13/25	
ND	0.0250	1	08/13/25	08/13/25	
ND	0.0500	1	08/13/25	08/13/25	
ND	0.0250	1	08/13/25	08/13/25	
	86.6 %	70-130	08/13/25	08/13/25	
mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2533062
ND	20.0	1	08/13/25	08/13/25	
	94.2 %	70-130	08/13/25	08/13/25	
mg/kg	mg/kg	Ana	lyst: KH		Batch: 2533074
ND	25.0	1	08/13/25	08/13/25	
	25.0 50.0	1 1		08/13/25 08/13/25	
ND		1 1 61-141	08/13/25		
ND	50.0		08/13/25 08/13/25	08/13/25	Batch: 2533064
	mg/kg ND ND ND ND ND ND ND ND ND N	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 MD 0.0250 MD 0.0250 MD 20.0 94.2 %	mg/kg mg/kg Ana ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 86.6 % 70-130 mg/kg mg/kg Ana ND 20.0 1 94.2 % 70-130	mg/kg mg/kg Analyst: RKS ND 0.0250 1 08/13/25 ND 0.0250 1 08/13/25 ND 0.0250 1 08/13/25 ND 0.0250 1 08/13/25 ND 0.0500 1 08/13/25 ND 0.0250 1 08/13/25 MD 0.0250 1 08/13/25 mg/kg mg/kg Analyst: RKS ND 20.0 1 08/13/25 94.2 % 70-130 08/13/25	mg/kg mg/kg Analyst: RKS ND 0.0250 1 08/13/25 08/13/25 ND 0.0500 1 08/13/25 08/13/25 ND 0.0250 1 08/13/25 08/13/25 86.6 % 70-130 08/13/25 08/13/25 mg/kg mg/kg Analyst: RKS ND 20.0 1 08/13/25 08/13/25 94.2 % 70-130 08/13/25 08/13/25



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/14/2025 2:17:52PM

FS75-3'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2533062
Benzene	ND	0.0250	1	08/13/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/13/25	08/13/25	
Toluene	ND	0.0250	1	08/13/25	08/13/25	
o-Xylene	ND	0.0250	1	08/13/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/13/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/13/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		85.4 %	70-130	08/13/25	08/13/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2533062
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/13/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.1 %	70-130	08/13/25	08/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2533074
Diesel Range Organics (C10-C28)	ND	25.0	1	08/13/25	08/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/13/25	08/13/25	
Surrogate: n-Nonane		91.0 %	61-141	08/13/25	08/13/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2533064
Chloride	20.2	20.0	1	08/13/25	08/13/25	

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/14/2025 2:17:52PM

FS76- 2'-3' E508128-05

		E508128-05				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Analyte	Kesuit	Limit	Dilution	Frepared	Analyzed	notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2533062
Benzene	ND	0.0250	1	08/13/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/13/25	08/13/25	
Toluene	ND	0.0250	1	08/13/25	08/13/25	
o-Xylene	ND	0.0250	1	08/13/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/13/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/13/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		86.7 %	70-130	08/13/25	08/13/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2533062
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/13/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.8 %	70-130	08/13/25	08/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2533074
Diesel Range Organics (C10-C28)	ND	25.0	1	08/13/25	08/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/13/25	08/13/25	
Surrogate: n-Nonane		91.8 %	61-141	08/13/25	08/13/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2533064
Chloride	37.5	20.0	1	08/13/25	08/13/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/14/2025 2:17:52PM

FS77- 2'-3' E508128-06

		E300120-00				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: RKS		Batch: 2533062
Benzene	ND	0.0250	1	08/13/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/13/25	08/13/25	
Toluene	ND	0.0250	1	08/13/25	08/13/25	
o-Xylene	ND	0.0250	1	08/13/25	08/13/25	
o,m-Xylene	ND	0.0500	1	08/13/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/13/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		87.7 %	70-130	08/13/25	08/13/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2533062
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/13/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.3 %	70-130	08/13/25	08/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KH		Batch: 2533074
Diesel Range Organics (C10-C28)	ND	25.0	1	08/13/25	08/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/13/25	08/13/25	
Surrogate: n-Nonane		89.6 %	61-141	08/13/25	08/13/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2533064
Chloride	38.4	20.0	1	08/13/25	08/13/25	

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/14/2025 2:17:52PM

FS95-3'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2533062
Benzene	ND	0.0250	1	08/13/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/13/25	08/13/25	
Toluene	ND	0.0250	1	08/13/25	08/13/25	
o-Xylene	ND	0.0250	1	08/13/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/13/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/13/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		87.4 %	70-130	08/13/25	08/13/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2533062
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/13/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.4 %	70-130	08/13/25	08/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2533074
Diesel Range Organics (C10-C28)	ND	25.0	1	08/13/25	08/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/13/25	08/13/25	
Surrogate: n-Nonane		94.0 %	61-141	08/13/25	08/13/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2533064
	30.7	20.0	1	08/13/25	08/13/25	•



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/14/2025 2:17:52PM

FS97-3'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2533062
Benzene	ND	0.0250	1	08/13/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/13/25	08/13/25	
Toluene	ND	0.0250	1	08/13/25	08/13/25	
o-Xylene	ND	0.0250	1	08/13/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/13/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/13/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		87.0 %	70-130	08/13/25	08/13/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2533062
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/13/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.6 %	70-130	08/13/25	08/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2533074
Diesel Range Organics (C10-C28)	ND	25.0	1	08/13/25	08/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/13/25	08/13/25	
Surrogate: n-Nonane		93.8 %	61-141	08/13/25	08/13/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2533064
Chloride	57.6	20.0	1	08/13/25	08/13/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/14/2025 2:17:52PM

FS98-3'

		Domontino				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: RKS		Batch: 2533062
Benzene	ND	0.0250	1	08/13/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/13/25	08/13/25	
Toluene	ND	0.0250	1	08/13/25	08/13/25	
o-Xylene	ND	0.0250	1	08/13/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/13/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/13/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		85.5 %	70-130	08/13/25	08/13/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: RKS		Batch: 2533062
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/13/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.7 %	70-130	08/13/25	08/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2533074
Diesel Range Organics (C10-C28)	ND	25.0	1	08/13/25	08/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/13/25	08/13/25	
Surrogate: n-Nonane		89.3 %	61-141	08/13/25	08/13/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: DT		Batch: 2533064
Chloride	321	20.0	1	08/13/25	08/13/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/14/2025 2:17:52PM

FS101-4' E508128-10

		1300120 10				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: RKS		Batch: 2533062
Benzene	ND	0.0250	1	08/13/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/13/25	08/13/25	
Toluene	ND	0.0250	1	08/13/25	08/13/25	
o-Xylene	ND	0.0250	1	08/13/25	08/13/25	
o,m-Xylene	ND	0.0500	1	08/13/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/13/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		85.5 %	70-130	08/13/25	08/13/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2533062
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/13/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.3 %	70-130	08/13/25	08/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KH		Batch: 2533074
Diesel Range Organics (C10-C28)	ND	25.0	1	08/13/25	08/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/13/25	08/13/25	
Surrogate: n-Nonane		88.3 %	61-141	08/13/25	08/13/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2533064
Chloride	598	20.0	1	08/13/25	08/13/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/14/2025 2:17:52PM

FS102-4' E508128-11

		E300120-11				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	/st: RKS		Batch: 2533062
Benzene	ND	0.0250	1	08/13/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/13/25	08/13/25	
Toluene	ND	0.0250	1	08/13/25	08/13/25	
o-Xylene	ND	0.0250	1	08/13/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/13/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/13/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		87.3 %	70-130	08/13/25	08/13/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2533062
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/13/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.7 %	70-130	08/13/25	08/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	/st: KH		Batch: 2533074
Diesel Range Organics (C10-C28)	ND	25.0	1	08/13/25	08/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/13/25	08/13/25	
Surrogate: n-Nonane		87.6 %	61-141	08/13/25	08/13/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	/st: DT		Batch: 2533064
Chloride	554	20.0	1	08/13/25	08/13/25	
Chioriae		25.0				



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/14/2025 2:17:52PM

SW01- 0'-4' E508128-12

		E300120-12				
	D 1	Reporting		D 1		N .
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: RKS		Batch: 2533062
Benzene	ND	0.0250	1	08/13/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/13/25	08/13/25	
Гoluene	ND	0.0250	1	08/13/25	08/13/25	
o-Xylene	ND	0.0250	1	08/13/25	08/13/25	
o,m-Xylene	ND	0.0500	1	08/13/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/13/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		86.5 %	70-130	08/13/25	08/13/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	/st: RKS		Batch: 2533062
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/13/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.2 %	70-130	08/13/25	08/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	/st: KH		Batch: 2533074
Diesel Range Organics (C10-C28)	ND	25.0	1	08/13/25	08/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/13/25	08/13/25	
Surrogate: n-Nonane		89.0 %	61-141	08/13/25	08/13/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2533064
Chloride	326	20.0	1	08/13/25	08/13/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/14/2025 2:17:52PM

SW02- 0'-4'

		E508128-13				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: RKS		Batch: 2533062
Benzene	ND	0.0250	1	08/13/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/13/25	08/13/25	
Toluene	ND	0.0250	1	08/13/25	08/13/25	
o-Xylene	ND	0.0250	1	08/13/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/13/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/13/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		87.3 %	70-130	08/13/25	08/13/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: RKS		Batch: 2533062
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/13/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.8 %	70-130	08/13/25	08/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2533074
Diesel Range Organics (C10-C28)	ND	25.0	1	08/13/25	08/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/13/25	08/13/25	
Surrogate: n-Nonane		88.3 %	61-141	08/13/25	08/13/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2533064
Chloride	44.6	20.0	1	08/13/25	08/13/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/14/2025 2:17:52PM

SW03- 0'-4' E508128-14

		E508128-14				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2533062
Benzene	ND	0.0250	1	08/13/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/13/25	08/13/25	
Toluene	ND	0.0250	1	08/13/25	08/13/25	
o-Xylene	ND	0.0250	1	08/13/25	08/13/25	
o,m-Xylene	ND	0.0500	1	08/13/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/13/25	08/13/25	
Surrogate: 4-Bromochlorobenzene-PID		86.2 %	70-130	08/13/25	08/13/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2533062
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/13/25	08/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.8 %	70-130	08/13/25	08/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2533074
Diesel Range Organics (C10-C28)	ND	25.0	1	08/13/25	08/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/13/25	08/13/25	
Surrogate: n-Nonane		88.0 %	61-141	08/13/25	08/13/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2533064
Chloride	146	20.0	1	08/13/25	08/13/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/14/2025 2:17:52PM

SW04- 0'-4'

		E508128-15				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2533062
Benzene	ND	0.0250	1	08/13/25	08/14/25	
Ethylbenzene	ND	0.0250	1	08/13/25	08/14/25	
Toluene	ND	0.0250	1	08/13/25	08/14/25	
o-Xylene	ND	0.0250	1	08/13/25	08/14/25	
o,m-Xylene	ND	0.0500	1	08/13/25	08/14/25	
Total Xylenes	ND	0.0250	1	08/13/25	08/14/25	
Surrogate: 4-Bromochlorobenzene-PID		85.8 %	70-130	08/13/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2533062
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/13/25	08/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.3 %	70-130	08/13/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2533074
Diesel Range Organics (C10-C28)	ND	25.0	1	08/13/25	08/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/13/25	08/13/25	
Surrogate: n-Nonane		90.3 %	61-141	08/13/25	08/13/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	llyst: DT		Batch: 2533064
Chloride	152	20.0	1	08/13/25	08/13/25	



		QC SI	umma	iry Dat	a				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:	01	arwari 28 CT 1058-0007 shley Gioven					Reported: 8/14/2025 2:17:52PM
Artesia WW, 00210		1 Toject Ivianager.	Α.	sincy Gloven	go				0/11/2023 2.17.321141
		Volatile O	rganics l	oy EPA 802	21B				Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2533062-BLK1)							Prepared: 0	8/13/25 A	Analyzed: 08/13/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.99		8.00		87.3	70-130			
CS (2533062-BS1)							Prepared: 0	8/13/25 A	Analyzed: 08/13/25
Benzene	5.18	0.0250	5.00		104	70-130			
Ethylbenzene	5.08	0.0250	5.00		102	70-130			
Toluene	5.15	0.0250	5.00		103	70-130			
o-Xylene	5.05	0.0250	5.00		101	70-130			
o,m-Xylene	10.3	0.0500	10.0		103	70-130			
Total Xylenes	15.3	0.0250	15.0		102	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.91		8.00		86.3	70-130			
Matrix Spike (2533062-MS1)				Source:	E508126-	01	Prepared: 0	8/13/25 A	Analyzed: 08/13/25
Benzene	5.14	0.0250	5.00	ND	103	70-130			
Ethylbenzene	5.00	0.0250	5.00	ND	100	70-130			
Toluene	5.11	0.0250	5.00	ND	102	70-130			
p-Xylene	5.08	0.0250	5.00	ND	102	70-130			
o,m-Xylene	10.2	0.0500	10.0	ND	102	70-130			
Total Xylenes	15.2	0.0250	15.0	ND	102	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.90		8.00		86.3	70-130			
Matrix Spike Dup (2533062-MSD1)				Source:	E508126-	01	Prepared: 0	8/13/25 A	Analyzed: 08/13/25
Benzene	5.68	0.0250	5.00	ND	114	70-130	10.0	27	
Ethylbenzene	5.53	0.0250	5.00	ND	111	70-130	9.91	26	
Toluene	5.64	0.0250	5.00	ND	113	70-130	9.85	20	
. V-1	5.54	0.0250	5.00	ND	111	70 120	0.74	25	

5.00

10.0

15.0

8.00

ND

ND

ND

111

112

111

85.5

70-130

70-130

70-130

70-130

0.0250

0.0500

0.0250

5.54

11.2

16.7

6.84



25

23

26

8.74

9.41

9.19

o-Xylene

p,m-Xylene Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	-
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/14/2025 2:17:52PM

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go			8/	14/2025 2:17:52PM
	Non	halogenated	Organics l	by EPA 80	15D - Gl	RO			Analyst: RKS
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2533062-BLK1)							Prepared: 0	8/13/25 Ana	alyzed: 08/13/25
Gasoline Range Organics (C6-C10)	oline Range Organics (C6-C10) ND 20.0								
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.55		8.00		94.4	70-130			
LCS (2533062-BS2)							Prepared: 0	8/13/25 Ana	lyzed: 08/13/25
Gasoline Range Organics (C6-C10)	43.1	20.0	50.0		86.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.49		8.00		93.6	70-130			
Matrix Spike (2533062-MS2)				Source:	E508126-0	01	Prepared: 0	8/13/25 Ana	lyzed: 08/13/25
Gasoline Range Organics (C6-C10)	40.1	20.0	50.0	ND	80.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.48		8.00		93.6	70-130			
Matrix Spike Dup (2533062-MSD2)				Source:	E508126-0	01	Prepared: 0	8/13/25 Ana	lyzed: 08/13/25
Gasoline Range Organics (C6-C10)	39.0	20.0	50.0	ND	78.1	70-130	2.73	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.50		8.00		93.7	70-130			

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/14/2025 2:17:52PM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go				8/14/2025 2:17:52PM
	Nonha	logenated Or	ganics by l	EPA 8015I) - DRO	/ORO			Analyst: KH
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2533074-BLK1)							Prepared: 0	8/13/25 A	analyzed: 08/13/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	44.6		50.0		89.2	61-141			
LCS (2533074-BS1)							Prepared: 0	8/13/25 A	analyzed: 08/13/25
Diesel Range Organics (C10-C28)	237	25.0	250		94.7	66-144			
Surrogate: n-Nonane	48.3		50.0		96.7	61-141			
Matrix Spike (2533074-MS1)				Source:	E508128-1	11	Prepared: 0	8/13/25 A	analyzed: 08/13/25
Diesel Range Organics (C10-C28)	224	25.0	250	ND	89.7	56-156			
Surrogate: n-Nonane	45.5		50.0		91.1	61-141			
Matrix Spike Dup (2533074-MSD1)				Source:	E508128-1	11	Prepared: 0	8/13/25 A	analyzed: 08/13/25
Diesel Range Organics (C10-C28)	225	25.0	250	ND	89.9	56-156	0.183	20	
Surrogate: n-Nonane	45.2		50.0		90.4	61-141			



Chloride

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:	01	arwari 28 CT					Reported: 8/14/2025 2:17:52PM
Aftesia NW, 66210	Project Manager: Ashley Giovengo Anions by EPA 300.0/9056A								Analyst: DT
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2533064-BLK1)							Prepared: 0	8/13/25 A	nalyzed: 08/13/25
Chloride	ND	20.0							
LCS (2533064-BS1)							Prepared: 0	8/13/25 A	nalyzed: 08/13/25
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2533064-MS1)				Source:	E508125-	01	Prepared: 0	8/13/25 A	nalyzed: 08/13/25
Chloride	298	20.0	250	45.9	101	80-120			
Matrix Spike Dup (2533064-MSD1)				Source:	E508125-	01	Prepared: 0	8/13/25 A	nalvzed: 08/13/25

250

20.0

80-120

99.5

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

	Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
-	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
	Artesia NM, 88210	Project Manager:	Ashley Giovengo	08/14/25 14:17

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.





WO # 21530990

	Client Information Invoice Informati									L	ab U	se Or	ly				TA	AT		State			
Client: I	Devon				Company: De	evon Energy		La	b WC	0#	3	Job	Num	ber	- 1	1D	2D	3D S	itd	NM	CO UT	TX	
	Marwari 28	CTB 2				5 Buena Vista Dr		F	500	212	8	010	58.	000	71		x			x			
	Manager: As		vengo			: Carlsbad NM, 882	20			0,,0		10.	-										
	: 3122 Natio					Phone: (575)689-7597						Ana	lysis	and	Meth	hod				EF	A Progra	am	
	te, Zip: Carls		Access to the second		Email: jim.rale						1									SDWA	CWA	RCRA	
	575-988-005		, 00220		Miscellaneous:			_				1									7	118000	
	giovengo@e		com		Wilscellaneous. Sim Naley													to	Complian	ce Y	or N		
Lillall.	igioverigo@e	.nsorum.	com		\ <u>\</u>				801	801			0	5	vs.	- 1			-	PWSID#			
-				Sample In	formation				P A	by C	3021	260	300.	¥	leta		Σ	×					
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Time Sampled	Date Sampled	Matrix	Containers		Sample ID		Fiel	Lab Numbe	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX					
620	8/11/26	5	1	FS	67-2			1									X			2.4			
0154	1	(1	13	69-2-			2											0	2.2			
0753				FS	10-2-			3												24			
0817				15	75-3			4											0	2.6			
070				F57	16-2-3			5											2	2.0			
0801				F57	1-2-3			6												1.8			
0821				1395	-3'			7												1.8			
0815				F59	7-3-			8											Ų	1.4			
0817				F597	8-3			9												2.0			
0400	1	V	V	1510	01-4			10									V		- 5	2.2			
Additio	nal Instruction	ons: Pl	ease CC:	burton@enso	lum.com, agiovengo	@ensolum.com, jii	n.raley	/@dvn	.com,	, iestr	ella@	ens	olum	.com	, cha	milt	on@	ensolu	um.c	om,			
bmoir@	ensolum.co	m. ihinkl	le@ensoli	um.com. akone	e@ensolum.com. igo	onzales@ensolum.o	om, in	nccaule	ey@e	nsolu	m.co	m	PL	dec	200	DC	ms	env	η.	Com			
I, (field sar	npler), attest to the	he validity ar	nd authenticit	y of this sample. I ar	m aware that tampering with	h or intentionally mislabelin	g the san	nple locat	tion, dat	te or tin	ne of co	ollectio	n is co	nsidere	d fraud	d and r	nay be	e ground:	s for le	egal action.			
Sampled b	y:Jenna Hinkl	le	ric Plu	55.2												-							
an	hed by: (Signatu	de		811212	5 700	Received by: (Signat	-	enza	iles	Date	12	-2	7	Time	700	0		4 1 '	prese		nust be re	ermal ceived on mpled or	
	hed by: (Signatu		zales	8-12-25	Time 1445	Received by: (Signat	Lo	nzo	rles	D	8-1.	22	5		44				recei	ved pack	ed on ice	at a temp	
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Comple N	atrix: S - Soil, Sd -	Called Car Cl	ludgo A - Anu	eour O - Other			Cont	ainer T	vne: p	- glas	s. p -	poly/i	olasti	c. ag -	amb	er gla	iss. v	- VOA	-				
Note: Sa	mnles are discar	rded 14 day	vs after recu	Its are reported ur	nless other arrangements	are made. Hazardous sa													rt for	the analys	is of the a	oove	
Mote. 3d	inpies are discal	acu 14 ua)	, o uncer resu	are reported ur	ness other arrangements	I Life fall L.L.	in limit.					n tha	onort							A COLUMN TO A COLU			

to Imaging: 12/12/2025 8:49:07 AM

Chain of Custody W0# 21530990

Client Information	Invoice Informatio	n			La	b Us	e Onl	У			T	AT		Stat	e
Client: Devon	Company: Devon Energy		Lab	WO# Job Number				1D	1D 2D 3D Std		NM CO UT TX				
Project: Marwari 28 CTB 2	Address: 5315 Buena Vista Dr	a second second	E	508	122	8	010	58.00	707		X		×	E-14	
Project Manager: Ashley Giovengo	City, State, Zip: Carlsbad NM,	88220					100				711				
Address: 3122 National Parks Hwy	Phone: (575)689-7597		-				Anal	ysis a	nd Me	thod			E	PA Progr	
City, State, Zip: Carlsbad NM, 88220	Email: jim.raley@dvn.com						- 1						SDWA	CWA	RCRA
Phone: 575-988-0055	Miscellaneous: Jim Raley														
Email: agiovengo@ensolum.com				12	115								Complian	ce Y	or N
				oy 80	9 80	21	0	0.0	tals				PWSID #		
Sample	Information			ROL	ROE	v 80	826	e 30	Z S		N.	¥	9 G		
Time Date Sampled Matrix No. of Containers	Sample ID	(0) +4	Lab ımber	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	RCRA 8 Metals		BGDOC - NM	BGDOC - TX	Samle Temp	Re	marks
1004 8/11/15 S 1 F510	2-4	1]								K		2.4		
1238 1 1 SWO	1-0-4	12	2										1.8		
1363 SUD	L-054		3										1.0		
DUU SUO	3-0-4		4										1,4		
mus V V Supl	1-0=41		5								1		2.0		
1290 0 0 300							\vdash	+			_		2.0		
								+	+						
								-	+						_
								4							
Additional Instructions: Please CC: cburton@en bmoir@ensolum.com, jhinkle@ensolum.com, akc	solum.com, agiovengo@ensolum.com ne@ensolum.com, igonzales@ensolu	n, jim.raley@ ım.com. imcc	dvn.co	om, i @en	estre	lla@	enso	lum.co	om, ch	amilt	on@	ensolum	com,		
I, (field sampler), attest to the validity and authenticity of this sample. Sampled by:Jenna Hinkle	I am aware that tampering with or intentionally misla	abeling the sample	location	, date	or time	of co	llection	is consid	ered fra	ud and	may b	e grounds for	legal action	4	
Relinquished by: (Signature) Date 8/12/	25 Time 100 Recoived by: (SI	gnature on	zali	es	Date 7	()	25		ne 67	00			Samples r		hermal eceived or
Relinquished by: (Signature) Date 8-12-	Time Received by: (Si	ignature)	not	04.	Date	100	25	Ti	ne	144	15	ice	the day t	ney are sa	
Relinquished by: (Signature) Date 7-12-			118	So	Date	3.1	2.	25	-mor	8		1	bove 0 bu		n 6°C on
Reling Andrew Musso Date 2.1	2.25 Time 2245 Beceived by: A	igrature)	w		Date .	13	25	Til	700)				Use Onl	
Relinquished by: (Signature) Date	Time Received by: (Si	ignature)			Date			Ti	ne					Ŷ/N	
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _		Contain	er Typ	e: g -	glass,	p - p	oly/p	lastic, a	g - am	ber gl	ass, v	- VOA			
Note: Samples are discarded 14 days after results are reported samples is applicable only to those samples received by the lat									he clien	t expe	nse. T	he report fo	or the analy	sis of the a	bove

envirotech Inc.

Printed: 8/13/2025 9:10:18AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

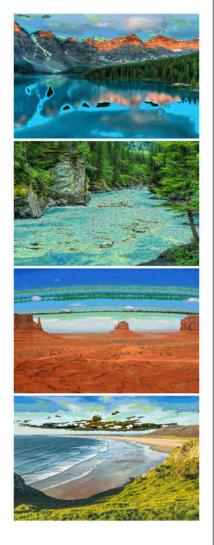
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Devon Energy - Carlsbad	Date Received:	08/13/25 (07:00			Work Order ID:	E508128
Phone:	(505) 382-1211	Date Logged In:	08/12/25	15:01			Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	08/14/25	07:00 (1 day	y TAT)			
Chain of	Custody (COC)							
	ne sample ID match the COC?		Yes					
	ne number of samples per sampling site location ma	tch the COC	Yes					
	amples dropped off by client or carrier?		Yes	Ca	rrier: <u>C</u>	Courier		
	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes					
5. Were al	Il samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssi		Yes				Comment	s/Resolution
	urn Around Time (TAT) COC indicate standard TAT, or Expedited TAT?		Yes					
	•		105					
Sample C	cample cooler received?		Yes					
	was cooler received in good condition?		Yes					
•	e sample(s) received intact, i.e., not broken?							
			Yes					
	custody/security seals present?		No					
11. If yes,	were custody/security seals intact?		NA					
	e sample received on ice? Note: Thermal preservation is not required, if samples ar 15 minutes of sampling		Yes					
13. See C	OC for individual sample temps. Samples outside o	f 0°C-6°C will be	recorded i	in comme	nts.			
Sample C								
	queous VOC samples present?		No					
	OC samples collected in VOA Vials?		NA					
	head space less than 6-8 mm (pea sized or less)?		NA					
	trip blank (TB) included for VOC analyses?		NA					
	on-VOC samples collected in the correct containers		Yes					
19. Is the a	appropriate volume/weight or number of sample contain	ners collected?	Yes					
Field Lab								
	field sample labels filled out with the minimum info	ormation:	37					
	ample ID?		Yes					
	ate/Time Collected? ollectors name?		Yes Yes					
	reservation		108					
	the COC or field labels indicate the samples were pr	reserved?	No					
	imple(s) correctly preserved?		NA					
	filtration required and/or requested for dissolved me	etals?	No					
	se Sample Matrix							
	the sample have more than one phase, i.e., multipha	se?	No					
	does the COC specify which phase(s) is to be analy		NA					
· ·		yzea.	INA					
	act Laboratory							
	amples required to get sent to a subcontract laborato	•	No					
29. Was a	subcontract laboratory specified by the client and is	t so who?	NA	Subcontr	act Lab	: NA		
Client In	<u>istruction</u>							
								-

Date

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

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Marwari 28 CTB 2

Work Order: E508154

Job Number: 01058-0007

Received: 8/14/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 8/15/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

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

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

Date Reported: 8/15/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Marwari 28 CTB 2

Workorder: E508154

Date Received: 8/14/2025 7:15:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/14/2025 7:15:00AM, under the Project Name: Marwari 28 CTB 2.

The analytical test results summarized in this report with the Project Name: Marwari 28 CTB 2 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881 Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

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Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Donoutoda
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	08/15/25 15:17

Client Sample ID	Lab Sample ID Matrix	Sampled	Received	Container
PH07-4'	E508154-01A Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
PH10-7'	E508154-02A Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
PH10-8'	E508154-03A Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
PH10-9'	E508154-04A Soil	08/12/25	08/14/25	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/15/2025 3:17:13PM

PH07-4' E508154-01

		E300134-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: BA		Batch: 2533101
Benzene	ND	0.0250	1	08/14/25	08/15/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/15/25	
Toluene	ND	0.0250	1	08/14/25	08/15/25	
o-Xylene	ND	0.0250	1	08/14/25	08/15/25	
p,m-Xylene	ND	0.0500	1	08/14/25	08/15/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/15/25	
Surrogate: 4-Bromochlorobenzene-PID		99.0 %	70-130	08/14/25	08/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: BA		Batch: 2533101
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.1 %	70-130	08/14/25	08/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2533091
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/15/25	
Surrogate: n-Nonane		95.9 %	61-141	08/14/25	08/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2533102
Chloride	ND	20.0	1	08/14/25	08/14/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/15/2025 3:17:13PM

PH10-7'

E508154-02							
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2533101	
Benzene	ND	0.0250	1	08/14/25	08/15/25		
Ethylbenzene	ND	0.0250	1	08/14/25	08/15/25		
Toluene	ND	0.0250	1	08/14/25	08/15/25		
o-Xylene	ND	0.0250	1	08/14/25	08/15/25		
p,m-Xylene	ND	0.0500	1	08/14/25	08/15/25		
Total Xylenes	ND	0.0250	1	08/14/25	08/15/25		
Surrogate: 4-Bromochlorobenzene-PID		98.6 %	70-130	08/14/25	08/15/25		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2533101	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/15/25		
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.3 %	70-130	08/14/25	08/15/25		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2533091	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/15/25		
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/15/25		
Surrogate: n-Nonane		95.7 %	61-141	08/14/25	08/15/25		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2533102	
Chloride	159	20.0	1	08/14/25	08/14/25		



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/15/2025 3:17:13PM

PH10-8' E508154-03

		zeoore. oc				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: BA		Batch: 2533101
Benzene	ND	0.0250	1	08/14/25	08/15/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/15/25	
Toluene	ND	0.0250	1	08/14/25	08/15/25	
o-Xylene	ND	0.0250	1	08/14/25	08/15/25	
o,m-Xylene	ND	0.0500	1	08/14/25	08/15/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/15/25	
Surrogate: 4-Bromochlorobenzene-PID		98.9 %	70-130	08/14/25	08/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: BA		Batch: 2533101
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.9 %	70-130	08/14/25	08/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2533091
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/15/25	
Surrogate: n-Nonane		95.8 %	61-141	08/14/25	08/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2533102
Chloride	2550	20.0	1	08/14/25	08/14/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/15/2025 3:17:13PM

PH10-9'

E508154-04												
Reporting												
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes						
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2533101						
Benzene	ND	0.0250	1	08/14/25	08/14/25							
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25							
Toluene	ND	0.0250	1	08/14/25	08/14/25							
o-Xylene	ND	0.0250	1	08/14/25	08/14/25							
o,m-Xylene	ND	0.0500	1	08/14/25	08/14/25							
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25							
Surrogate: 4-Bromochlorobenzene-PID		98.6 %	70-130	08/14/25	08/14/25							
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2533101						
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25							
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.9 %	70-130	08/14/25	08/14/25							
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2533091						
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/15/25							
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/15/25							
Surrogate: n-Nonane		97.1 %	61-141	08/14/25	08/15/25							
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2533102						
Chloride	428	20.0	1	08/14/25	08/14/25							



				ary Date					
Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Number:	Marwari 28 CTB 2 01058-0007						Reported:	
Artesia NM, 88210		Project Manager:	shley Gioveng	go		8/15/2025 3:17:13PM			
		Volatile O	rganics	by EPA 802	21B				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2533101-BLK1)]	Prepared: 0	8/14/25 A	nalyzed: 08/14/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.95		8.00		99.3	70-130			
LCS (2533101-BS1)]	Prepared: 0	8/14/25 A	nalyzed: 08/14/25
Benzene	5.16	0.0250	5.00		103	70-130			
Ethylbenzene	5.17	0.0250	5.00		103	70-130			
Toluene	5.23	0.0250	5.00		105	70-130			
o-Xylene	5.08	0.0250	5.00		102	70-130			
p,m-Xylene	10.4	0.0500	10.0		104	70-130			
Total Xylenes	15.5	0.0250	15.0		103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.88		8.00		98.5	70-130			
Matrix Spike (2533101-MS1)				Source:	E508154-	04	Prepared: 0	8/14/25 A	nalyzed: 08/14/25
Benzene	4.90	0.0250	5.00	ND	97.9	70-130			
Ethylbenzene	4.88	0.0250	5.00	ND	97.7	70-130			
Toluene	4.95	0.0250	5.00	ND	99.1	70-130			
o-Xylene	4.80	0.0250	5.00	ND	96.1	70-130			
p,m-Xylene	9.81	0.0500	10.0	ND	98.1	70-130			
Total Xylenes	14.6	0.0250	15.0	ND	97.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.88		8.00		98.5	70-130			

Source: E508154-04

105

107

104

106

105

97.7

70-130

70-130

70-130

70-130

70-130

70-130

70-130

7.04

7.58

7.23

7.47

7.57

7.54

ND

ND

ND

ND

ND

ND



Prepared: 08/14/25 Analyzed: 08/14/25

27

26

20

25

23

26

Matrix Spike Dup (2533101-MSD1)

Surrogate: 4-Bromochlorobenzene-PID

5.25

5.27

5.33

5.18

10.6

15.8

7.82

0.0250

0.0250

0.0250

0.0250

0.0500

0.0250

5.00

5.00

5.00

5.00

10.0

15.0

8.00

Benzene

Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Ethylbenzene

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	·
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/15/2025 3:17:13PM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go			8	/15/2025 3:17:13PM			
	Non	halogenated	Organics l	by EPA 80	15D - GI	RO			Analyst: BA			
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes			
Blank (2533101-BLK1)	K1) Prepared:							8/14/25 Ana	alyzed: 08/14/25			
Gasoline Range Organics (C6-C10)	ND	20.0										
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.67		8.00		95.9	70-130						
LCS (2533101-BS2)							Prepared: 0	8/14/25 Ana	/14/25 Analyzed: 08/14/25			
Gasoline Range Organics (C6-C10)	52.0	20.0	50.0		104	70-130						
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.80		8.00		97.5	70-130						
Matrix Spike (2533101-MS2)				Source:	E508154-0	04	Prepared: 0	8/14/25 Ana	alyzed: 08/15/25			
Gasoline Range Organics (C6-C10)	52.6	20.0	50.0	ND	105	70-130						
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.71		8.00		96.4	70-130						
Matrix Spike Dup (2533101-MSD2)				Source: E508154-04 Pre		Prepared: 0	8/14/25 Ana	alyzed: 08/15/25				
Gasoline Range Organics (C6-C10)	53.9	20.0	50.0	ND	108	70-130	2.48	20				
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.69		8.00		96.1	70-130						



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	·
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/15/2025 3:17:13PM

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go				8/15/2025 3:17:13PM
	Nonha	logenated Or		Analyst: NV					
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2533091-BLK1)							Prepared: 0	8/14/25 A1	nalyzed: 08/14/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.1		50.0		94.2	61-141			
LCS (2533091-BS1)							Prepared: 0	8/14/25 Aı	nalyzed: 08/14/25
Diesel Range Organics (C10-C28)	247	25.0	250		98.8	66-144			
Surrogate: n-Nonane	47.3		50.0		94.5	61-141			
Matrix Spike (2533091-MS1)				Source:	E508153-	08	Prepared: 0	8/14/25 Aı	nalyzed: 08/14/25
Diesel Range Organics (C10-C28)	249	25.0	250	ND	99.7	56-156			
Surrogate: n-Nonane	47.7		50.0		95.3	61-141			
Matrix Spike Dup (2533091-MSD1)			Source: E508153-08		08	Prepared: 0	8/14/25 A1	nalyzed: 08/14/25	
Diesel Range Organics (C10-C28)	247	25.0	250	ND	98.8	56-156	0.871	20	
Surrogate: n-Nonane	47.5		50.0		94.9	61-141			

Chloride

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		1arwari 28 CT 1058-0007	В 2				Reported:				
Artesia NM, 88210		Project Manager		shley Gioveng	go				8/15/2025 3:17:13PM				
		Analyst: IY											
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit					
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes				
Blank (2533102-BLK1)							Prepared: 0	8/14/25 A	nalyzed: 08/14/25				
Chloride	ND	20.0											
LCS (2533102-BS1)							Prepared: 0	8/14/25 A	nalyzed: 08/14/25				
Chloride	253	20.0	250		101	90-110							
Matrix Spike (2533102-MS1)				Source: E508153-03 Prepared				8/14/25 A	nalyzed: 08/14/25				
Chloride	254	20.0	250	ND	102	80-120							
Matrix Spike Dup (2533102-MSD1) Source: E508153-03						Prepared: 0	8/14/25 A	nalyzed: 08/14/25					

250

20.0

102

80-120

0.452

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.



20

Definitions and Notes

	Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
-	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
	Artesia NM, 88210	Project Manager:	Ashley Giovengo	08/15/25 15:17

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.



Released to Imaging: 12/12/2025 8:49:07 AM

Client Information					Invoid	ce Information			Lab Use Only							TA	AT.	State					
Client: D	evon	0.015.00	2000		Company: Devo	n Energy		_ La	ab WC)#		Job Number				2D	3D Std		NM	CO UT	TX		
Project:	Marwari 28	CTB 2			Address: 5315 B	Buena Vista Dr		_ E	50	508154 010				058-0003					х				
Project N	lanager: As	hley Giov	engo		City, State, Zip: (Carlsbad NM, 882	220																
Address:	3122 Natio	nal Parks	Hwy		Phone: (575)689	-7597						Ana	ysis ar	nd Met	hod				EP	A Progra	RCRA or N		
City, Stat	e, Zip: Carls	bad NM,	88220		Email: jim.raley@	@dvn.com												SD	WA	CWA	RCRA		
Phone: !	75-988-005	5			Miscellaneous: Jin	n Raley																	
Email: agiovengo@ensolum.com					27.53			15	15								-	plianc	e Y	gram R RCRA Y or N emarks thermal received or sampled or ce at a temp an 6°C on lays. mly			
									2 8 × 80	94 80	17	Q	0.0	tals				PWS	SID#		gram A RCRA Y or N Remarks g thermal e received or ice at a temp han 6°C on days. Only		
				Sample In	formation				80	RO	v 80	826	e 30	Σ		NN	×	9	d	DA H			
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID		Field	Lab Numb	0	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	RCRA 8 Metals		BGDOC - NM	BGDOC - TX	Sam	Temp	Ren	narks		
1127	8/12/2015	Sil	1		P407-	41		1								1		1-	8				
324			1		PH10-	71		Z								+		1.	7				
1326					110-	81		3								4		Z.	0				
1325			J		1/10-	Q1		4								+		2.	2				
											T												
										H				+									
									+	+				+									
Addition	al Instructio	ns: Ple	ease CC: c	 burton@ensol	um.com, agiovengo@	ensolum.com, jir	n.raley	/@dvn	n.com,	iestr	ella@	enso	lum.co	om, ch	amilt	on@	ensolum	.con	1,				
I, (field sam	pler), attest to the	e validity and	d authenticity	of this sample. I am	@ensolum.com, igona n aware that tampering with or								is consid	ered frau	ıd and	may be	e grounds fo	r legal	action.				
	Jenna Hinkle		TCIC 1-	_	1=-	In . A	1.475			In.			l re		_			2000					
	ed by: (Signatur			8/13/202	C 7:00	Received by (Signat	ure	corr	ries	Date	1-1"	3-25		07	1								
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Sample Ma	rix: S - Soil, Sd - S	iolid. Se - Slu	dge. A - Aque	eous. O - Other			Cont	ainer T	vpe: g	- glass	s. p - 1	poly/r	lastic, a	g - ami	oer gl	ass, v	- VOA						
					ess other arrangements are	made. Hazardous sa			-	_					_			or the	analys	is of the a	bove		
				The second of th	tory with this COC. The liab																		

Printed: 8/14/2025 11:14:59AM

Envirotech Analytical Laboratory

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:	Devon Energy - Carlsbad	Date Received:	08/14/25 03	7:15	Work Order ID:	E508154
Phone:	(505) 382-1211	Date Logged In:	08/13/25 15	5:21	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	08/15/25 0	7:00 (1 day TAT)		
Chain of	Custody (COC)					
1. Does th	he sample ID match the COC?		Yes			
2. Does th	he number of samples per sampling site location ma	atch the COC	Yes			
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: Courier		
4. Was th	e COC complete, i.e., signatures, dates/times, reque	ested analyses?	Yes			
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted i.e, 15 minute hold time, are not included in this disucss	•	Yes		Comment	ts/Resolution
Sample T	Furn Around Time (TAT)				<u> </u>	
	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample (<u>Cooler</u>					
7. Was a	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was th	e sample(s) received intact, i.e., not broken?		Yes			
	custody/security seals present?		No			
	, were custody/security seals intact?		NA			
-	ne sample received on ice?					
	Note: Thermal preservation is not required, if samples a 15 minutes of sampling		Yes			
	COC for individual sample temps. Samples outside	of 0°C-6°C will be	recorded in	comments.		
	Container Container					
	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	a trip blank (TB) included for VOC analyses?		NA			
	on-VOC samples collected in the correct container		Yes			
19. Is the	appropriate volume/weight or number of sample conta	iners collected?	Yes			
Field Lal						
	field sample labels filled out with the minimum inf	formation:	37			
	ample ID?		Yes			
	Date/Time Collected? Collectors name?		Yes			
	Preservation		Yes			
	the COC or field labels indicate the samples were	reserved?	No			
	ample(s) correctly preserved?	oreserved.	NA			
	filtration required and/or requested for dissolved n	netals?	No			
	•		110			
	ase Sample Matrix the sample have more than one phase, i.e., multiph	9	3.7			
	, does the COC specify which phase(s) is to be ana		No			
•		iyzed?	NA			
	ract Laboratory					
	amples required to get sent to a subcontract laborate	•	No			
29. Was a	a subcontract laboratory specified by the client and	if so who?	NA	Subcontract Lab: NA		
Client I	<u>nstruction</u>					
1						
1						

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Marwari 28 CTB 2

Work Order: E508155

Job Number: 01058-0007

Received: 8/14/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 8/15/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

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

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

Date Reported: 8/15/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Marwari 28 CTB 2

Workorder: E508155

Date Received: 8/14/2025 7:15:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/14/2025 7:15:00AM, under the Project Name: Marwari 28 CTB 2.

The analytical test results summarized in this report with the Project Name: Marwari 28 CTB 2 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Denouted
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	08/15/25 13:19

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS50-0.5'	E508155-01A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
FS51-0.5'	E508155-02A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
FS53- 0.5'-4'	E508155-03A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
FS54- 0.5'-4'	E508155-04A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
FS56-4'	E508155-05A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
FS57-4'	E508155-06A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
FS58-4'	E508155-07A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
FS59-4'	E508155-08A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
FS60-4'	E508155-09A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
FS61-4'	E508155-10A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
FS62-4'	E508155-11A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
FS63-4'	E508155-12A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
FS64-0.5'	E508155-13A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
FS66-4'	E508155-14A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
FS68-4'	E508155-15A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
FS71-4'	E508155-16A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
FS72-4'	E508155-17A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
FS73-4'	E508155-18A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
FS74-4'	E508155-19A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
FS78-4'	E508155-20A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/15/2025 1:19:00PM

FS50-0.5' E508155-01

		F209122-01				
	D. Iv	Reporting	D.1 ·.	D 1		N.
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2533099
Benzene	ND	0.0250	1	08/14/25	08/14/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25	
Toluene	ND	0.0250	1	08/14/25	08/14/25	
p-Xylene	ND	0.0250	1	08/14/25	08/14/25	
o,m-Xylene	ND	0.0500	1	08/14/25	08/14/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25	
Surrogate: 4-Bromochlorobenzene-PID		95.7 %	70-130	08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2533099
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.2 %	70-130	08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2533090
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/14/25	
Surrogate: n-Nonane		100 %	61-141	08/14/25	08/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2533106
Chloride	49.9	20.0	1	08/14/25	08/14/25	

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/15/2025 1:19:00PM

FS51-0.5' E508155-02

		E300133-02				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: BA		Batch: 2533099
Benzene	ND	0.0250	1	08/14/25	08/14/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25	
Toluene	ND	0.0250	1	08/14/25	08/14/25	
o-Xylene	ND	0.0250	1	08/14/25	08/14/25	
p,m-Xylene	ND	0.0500	1	08/14/25	08/14/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25	
Surrogate: 4-Bromochlorobenzene-PID		93.5 %	70-130	08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: BA		Batch: 2533099
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.9 %	70-130	08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: NV		Batch: 2533090
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/14/25	
Surrogate: n-Nonane		95.3 %	61-141	08/14/25	08/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: DT		Batch: 2533106
Chloride	478	20.0	1	08/14/25	08/14/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/15/2025 1:19:00PM

FS53- 0.5'-4'

E508155-03						
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2533099
Benzene	ND	0.0250	1	08/14/25	08/14/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25	
Toluene	ND	0.0250	1	08/14/25	08/14/25	
o-Xylene	ND	0.0250	1	08/14/25	08/14/25	
p,m-Xylene	ND	0.0500	1	08/14/25	08/14/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25	
Surrogate: 4-Bromochlorobenzene-PID		97.1 %	70-130	08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2533099
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.6 %	70-130	08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2533090
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/14/25	
Surrogate: n-Nonane		98.5 %	61-141	08/14/25	08/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2533106
Chloride	29.6	20.0	1	08/14/25	08/14/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/15/2025 1:19:00PM

FS54- 0.5'-4'

		E508155-04						
Reporting								
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes		
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: BA		Batch: 2533099		
Benzene	ND	0.0250	1	08/14/25	08/14/25			
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25			
Toluene	ND	0.0250	1	08/14/25	08/14/25			
p-Xylene	ND	0.0250	1	08/14/25	08/14/25			
o,m-Xylene	ND	0.0500	1	08/14/25	08/14/25			
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25			
Surrogate: 4-Bromochlorobenzene-PID		95.7 %	70-130	08/14/25	08/14/25			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: BA		Batch: 2533099		
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25			
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.0 %	70-130	08/14/25	08/14/25			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: NV		Batch: 2533090		
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/14/25			
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/14/25			
Surrogate: n-Nonane		99.5 %	61-141	08/14/25	08/14/25			
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	/st: DT		Batch: 2533106		
Chloride	ND	20.0	1	08/14/25	08/14/25			



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/15/2025 1:19:00PM

FS56-4'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	nalyst: BA		Batch: 2533099
Benzene	ND	0.0250	1	08/14/25	08/14/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25	
Toluene	ND	0.0250	1	08/14/25	08/14/25	
o-Xylene	ND	0.0250	1	08/14/25	08/14/25	
p,m-Xylene	ND	0.0500	1	08/14/25	08/14/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25	
Surrogate: 4-Bromochlorobenzene-PID		96.7 %	70-130	08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: BA		Batch: 2533099
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.0 %	70-130	08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: NV		Batch: 2533090
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/14/25	
Surrogate: n-Nonane		98.2 %	61-141	08/14/25	08/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: DT		Batch: 2533106
Chloride	56.8	20.0	1	08/14/25	08/14/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/15/2025 1:19:00PM

FS57-4'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2533099
Benzene	ND	0.0250	1	08/14/25	08/14/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25	
Toluene	ND	0.0250	1	08/14/25	08/14/25	
o-Xylene	ND	0.0250	1	08/14/25	08/14/25	
p,m-Xylene	ND	0.0500	1	08/14/25	08/14/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25	
Surrogate: 4-Bromochlorobenzene-PID		93.9 %	70-130	08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2533099
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.8 %	70-130	08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2533090
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/14/25	
Surrogate: n-Nonane		98.0 %	61-141	08/14/25	08/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2533106
Chloride	58.8	20.0	1	08/14/25	08/14/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/15/2025 1:19:00PM

FS58-4'

		Ecocice o.				
	D 1	Reporting		D 1		N.
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: BA		Batch: 2533099
Benzene	ND	0.0250	1	08/14/25	08/14/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25	
Toluene	ND	0.0250	1	08/14/25	08/14/25	
o-Xylene	ND	0.0250	1	08/14/25	08/14/25	
p,m-Xylene	ND	0.0500	1	08/14/25	08/14/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25	
Surrogate: 4-Bromochlorobenzene-PID		96.0 %	70-130	08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: BA		Batch: 2533099
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.7 %	70-130	08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2533090
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/14/25	
Surrogate: n-Nonane		90.2 %	61-141	08/14/25	08/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: DT		Batch: 2533106
Chloride	1690	20.0	1	08/14/25	08/14/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/15/2025 1:19:00PM

FS59-4'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2533099
Benzene	ND	0.0250	1	08/14/25	08/14/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25	
Toluene	ND	0.0250	1	08/14/25	08/14/25	
o-Xylene	ND	0.0250	1	08/14/25	08/14/25	
p,m-Xylene	ND	0.0500	1	08/14/25	08/14/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25	
Surrogate: 4-Bromochlorobenzene-PID		97.6 %	70-130	08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2533099
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.6 %	70-130	08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2533090
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/14/25	
Surrogate: n-Nonane		97.2 %	61-141	08/14/25	08/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2533106
Chloride	1410	20.0	1	08/14/25	08/14/25	•



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/15/2025 1:19:00PM

FS60-4' E508155-09

		E300133 07				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: BA		Batch: 2533099
Benzene	ND	0.0250	1	08/14/25	08/14/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25	
oluene	ND	0.0250	1	08/14/25	08/14/25	
-Xylene	ND	0.0250	1	08/14/25	08/14/25	
o,m-Xylene	ND	0.0500	1	08/14/25	08/14/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25	
Surrogate: 4-Bromochlorobenzene-PID		95.1 %	70-130	08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: BA		Batch: 2533099
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.4 %	70-130	08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: NV		Batch: 2533090
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/14/25	
Surrogate: n-Nonane		99.6 %	61-141	08/14/25	08/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2533106
Chloride	ND	20.0	1	08/14/25	08/14/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/15/2025 1:19:00PM

FS61-4' E508155-10

		E300133-10				
	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
ganics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2533099
miles by BITTOOZIB	ND	0.0250	1	08/14/25	08/14/25	
	ND	0.0250	1	08/14/25	08/14/25	
	ND	0.0250	1	08/14/25	08/14/25	
	ND	0.0250	1	08/14/25	08/14/25	
	ND	0.0500	1	08/14/25	08/14/25	
	ND	0.0250	1	08/14/25	08/14/25	
romochlorobenzene-PID		95.3 %	70-130	08/14/25	08/14/25	
ated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2533099
ge Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25	
aloro-4-fluorobenzene-FID		85.1 %	70-130	08/14/25	08/14/25	
ated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2533090
Organics (C10-C28)	ND	25.0	1	08/14/25	08/15/25	
ganics (C28-C36)	ND	50.0	1	08/14/25	08/15/25	
onane		98.3 %	61-141	08/14/25	08/15/25	
CPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2533106
	70.2	20.0	1	08/14/25	08/14/25	
		mg/kg		-	08/14/25	



Sample Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/15/2025 1:19:00PM

FS62-4'

E508155-11							
Reporting							
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: BA		Batch: 2533099	
Benzene	ND	0.0250	1	08/14/25	08/14/25		
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25		
Toluene	ND	0.0250	1	08/14/25	08/14/25		
o-Xylene	ND	0.0250	1	08/14/25	08/14/25		
p,m-Xylene	ND	0.0500	1	08/14/25	08/14/25		
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25		
Surrogate: 4-Bromochlorobenzene-PID		95.3 %	70-130	08/14/25	08/14/25		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: BA		Batch: 2533099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25		
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.5 %	70-130	08/14/25	08/14/25		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: NV		Batch: 2533090	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/15/25		
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/15/25		
Surrogate: n-Nonane		97.3 %	61-141	08/14/25	08/15/25		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: DT		Batch: 2533106	
Chloride	379	20.0	1	08/14/25	08/14/25		



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/15/2025 1:19:00PM

FS63-4'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2533099
Benzene	ND	0.0250	1	08/14/25	08/14/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25	
Toluene	ND	0.0250	1	08/14/25	08/14/25	
o-Xylene	ND	0.0250	1	08/14/25	08/14/25	
p,m-Xylene	ND	0.0500	1	08/14/25	08/14/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25	
Surrogate: 4-Bromochlorobenzene-PID		95.9 %	70-130	08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2533099
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.5 %	70-130	08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2533090
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/15/25	
Surrogate: n-Nonane		101 %	61-141	08/14/25	08/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2533106
Chloride	907	20.0	1	08/14/25	08/14/25	•



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/15/2025 1:19:00PM

FS64-0.5' E508155-13

	E300133-13				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: BA		Batch: 2533099
ND	0.0250	1	08/14/25	08/14/25	
ND	0.0250	1	08/14/25	08/14/25	
ND	0.0250	1	08/14/25	08/14/25	
ND	0.0250	1	08/14/25	08/14/25	
ND	0.0500	1	08/14/25	08/14/25	
ND	0.0250	1	08/14/25	08/14/25	
	94.4 %	70-130	08/14/25	08/14/25	
mg/kg	mg/kg	Anal	yst: BA		Batch: 2533099
ND	20.0	1	08/14/25	08/14/25	
	87.5 %	70-130	08/14/25	08/14/25	
mg/kg	mg/kg	Anal	yst: NV		Batch: 2533090
ND	25.0	1	08/14/25	08/15/25	
ND	50.0	1	08/14/25	08/15/25	
	101 %	61-141	08/14/25	08/15/25	
mg/kg	mg/kg	Anal	yst: DT		Batch: 2533106
91.0	40.0	2	08/14/25	08/14/25	
	mg/kg ND Mg/kg ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 MD 0.0250 MD 20.0250 87.5 % mg/kg mg/kg mg/kg ND 25.0 ND 50.0 101 % mg/kg mg/kg mg/kg	Result Limit Dilution mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 20.0250 1 MB/kg mg/kg Analy ND 20.0 1 87.5 % 70-130 mg/kg mg/kg Analy ND 25.0 1 ND 50.0 1 101 % 61-141 61-141 mg/kg mg/kg Analy	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 08/14/25 ND 0.0250 1 08/14/25 ND 0.0250 1 08/14/25 ND 0.0250 1 08/14/25 ND 0.0500 1 08/14/25 ND 0.0250 1 08/14/25 mg/kg mg/kg Analyst: BA ND 20.0 1 08/14/25 mg/kg mg/kg Analyst: NV ND 25.0 1 08/14/25 ND 25.0 1 08/14/25 ND 50.0 1 08/14/25 ND 50.0 1 08/14/25 ND 50.0 1 08/14/25 mg/kg Mg/later Analyst: NV	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 08/14/25 08/14/25 ND 0.0500 1 08/14/25 08/14/25 ND 0.0250 1 08/14/25 08/14/25 MD 0.0250 1 08/14/25 08/14/25 mg/kg mg/kg Analyst: BA ND 20.0 1 08/14/25 08/14/25 mg/kg mg/kg Analyst: BA ND 20.0 1 08/14/25 08/14/25 mg/kg mg/kg Analyst: NV ND 25.0 1 08/14/25 08/15/25 ND 50.0 1 08/14/25 08/15/25 ND 50.0



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/15/2025 1:19:00PM

FS66-4'

		E508155-14					
Reporting							
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2533099	
Benzene	ND	0.0250	1	08/14/25	08/14/25		
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25		
Toluene	ND	0.0250	1	08/14/25	08/14/25		
p-Xylene	ND	0.0250	1	08/14/25	08/14/25		
o,m-Xylene	ND	0.0500	1	08/14/25	08/14/25		
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25		
Surrogate: 4-Bromochlorobenzene-PID		97.4 %	70-130	08/14/25	08/14/25		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2533099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25		
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.4 %	70-130	08/14/25	08/14/25		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2533090	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/15/25		
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/15/25		
Surrogate: n-Nonane		100 %	61-141	08/14/25	08/15/25		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2533106	
Chloride	ND	20.0	1	08/14/25	08/14/25		



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/15/2025 1:19:00PM

FS68-4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: BA		Batch: 2533099
Benzene	ND	0.0250	1	08/14/25	08/14/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25	
Toluene	ND	0.0250	1	08/14/25	08/14/25	
o-Xylene	ND	0.0250	1	08/14/25	08/14/25	
p,m-Xylene	ND	0.0500	1	08/14/25	08/14/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25	
Surrogate: 4-Bromochlorobenzene-PID		95.7 %	70-130	08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: BA		Batch: 2533099
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.5 %	70-130	08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2533090
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/15/25	
Surrogate: n-Nonane		96.0 %	61-141	08/14/25	08/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2533106
Chloride	61.3	20.0	1	08/14/25	08/14/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/15/2025 1:19:00PM

FS71-4' E508155-16

		E300133-10				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: BA		Batch: 2533099
Benzene	ND	0.0250	1	08/14/25	08/14/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25	
oluene	ND	0.0250	1	08/14/25	08/14/25	
-Xylene	ND	0.0250	1	08/14/25	08/14/25	
,m-Xylene	ND	0.0500	1	08/14/25	08/14/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25	
Surrogate: 4-Bromochlorobenzene-PID		96.4 %	70-130	08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: BA		Batch: 2533099
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.8 %	70-130	08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2533090
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/15/25	
Surrogate: n-Nonane		94.9 %	61-141	08/14/25	08/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: DT		Batch: 2533106
Chloride	2400	20.0	1	08/14/25	08/14/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/15/2025 1:19:00PM

FS72-4'

		E508155-17						
Reporting								
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes		
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2533099		
Benzene	ND	0.0250	1	08/14/25	08/14/25			
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25			
Toluene	ND	0.0250	1	08/14/25	08/14/25			
o-Xylene	ND	0.0250	1	08/14/25	08/14/25			
p,m-Xylene	ND	0.0500	1	08/14/25	08/14/25			
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25			
Surrogate: 4-Bromochlorobenzene-PID		95.6 %	70-130	08/14/25	08/14/25			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2533099		
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25			
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.8 %	70-130	08/14/25	08/14/25			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2533090		
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/15/25			
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/15/25			
Surrogate: n-Nonane		93.4 %	61-141	08/14/25	08/15/25			
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	llyst: DT		Batch: 2533106		
Chloride	90.9	20.0	1	08/14/25	08/14/25			



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/15/2025 1:19:00PM

FS73-4'

F5	nQ 1	55-	10

		D om o :-+!:				
Analyte	Result	Reporting Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: BA		Batch: 2533099
Benzene	ND	0.0250	1	08/14/25	08/14/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25	
Toluene	ND	0.0250	1	08/14/25	08/14/25	
o-Xylene	ND	0.0250	1	08/14/25	08/14/25	
p,m-Xylene	ND	0.0500	1	08/14/25	08/14/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25	
Surrogate: 4-Bromochlorobenzene-PID		93.7 %	70-130	08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: BA		Batch: 2533099
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.7 %	70-130	08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: NV		Batch: 2533090
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/15/25	_
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/15/25	
Surrogate: n-Nonane		95.6 %	61-141	08/14/25	08/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: DT		Batch: 2533106
Chloride	759	20.0	1	08/14/25	08/14/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/15/2025 1:19:00PM

FS74-4' E508155-19

		1300133 17				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: BA		Batch: 2533099
Benzene	ND	0.0250	1	08/14/25	08/14/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25	
Foluene	ND	0.0250	1	08/14/25	08/14/25	
o-Xylene	ND	0.0250	1	08/14/25	08/14/25	
o,m-Xylene	ND	0.0500	1	08/14/25	08/14/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25	
Surrogate: 4-Bromochlorobenzene-PID		96.1 %	70-130	08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: BA		Batch: 2533099
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.6 %	70-130	08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2533090
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/15/25	
Surrogate: n-Nonane		94.8 %	61-141	08/14/25	08/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2533106
Chloride	25.7	20.0	1	08/14/25	08/14/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/15/2025 1:19:00PM

FS78-4'

		E508155-20						
Reporting								
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes		
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2533099		
Benzene	ND	0.0250	1	08/14/25	08/14/25			
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25			
Toluene	ND	0.0250	1	08/14/25	08/14/25			
o-Xylene	ND	0.0250	1	08/14/25	08/14/25			
p,m-Xylene	ND	0.0500	1	08/14/25	08/14/25			
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25			
Surrogate: 4-Bromochlorobenzene-PID		95.0 %	70-130	08/14/25	08/14/25			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2533099		
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25			
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.1 %	70-130	08/14/25	08/14/25			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2533090		
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/15/25			
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/15/25			
Surrogate: n-Nonane		97.4 %	61-141	08/14/25	08/15/25			
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2533106		
Chloride	377	20.0	1	08/14/25	08/14/25	·		



QC Summary Data

		QC Si	umm	ary Dat	а				
Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		1arwari 28 CT 1058-0007	В 2				Reported:
Artesia NM, 88210		Project Manager:	A	shley Gioveng	go				8/15/2025 1:19:00PM
		Volatile O	rganics	by EPA 802	21B				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2533099-BLK1)							Prepared: 0	8/14/25 <i>A</i>	Analyzed: 08/14/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
p-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.26		8.00		90.7	70-130			
LCS (2533099-BS1)							Prepared: 0	8/14/25 A	Analyzed: 08/14/25
Benzene	4.66	0.0250	5.00		93.2	70-130			
Ethylbenzene	4.67	0.0250	5.00		93.3	70-130			
Toluene	4.70	0.0250	5.00		94.0	70-130			
o-Xylene	4.72	0.0250	5.00		94.4	70-130			
o,m-Xylene	9.44	0.0500	10.0		94.4	70-130			
Total Xylenes	14.2	0.0250	15.0		94.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.51		8.00		93.9	70-130			
Matrix Spike (2533099-MS1)				Source:	E508155-	03	Prepared: 0	8/14/25 A	Analyzed: 08/14/25
Benzene	4.57	0.0250	5.00	ND	91.3	70-130			
Ethylbenzene	4.56	0.0250	5.00	ND	91.2	70-130			
Toluene	4.59	0.0250	5.00	ND	91.9	70-130			
p-Xylene	4.60	0.0250	5.00	ND	91.9	70-130			
,m-Xylene	9.22	0.0500	10.0	ND	92.2	70-130			
Total Xylenes	13.8	0.0250	15.0	ND	92.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.51		8.00		93.8	70-130			
Matrix Spike Dup (2533099-MSD1)				Source:	E508155-	03	Prepared: 0	8/14/25 A	Analyzed: 08/14/25
Benzene	4.96	0.0250	5.00	ND	99.2	70-130	8.27	27	

0.0250

0.0250

0.0250

0.0500

0.0250

4.99

5.00

9.98

15.0

7.72

5.00

5.00

5.00

10.0

15.0

ND

ND

ND

ND

ND

98.6

99.8

100

99.8

99.9

70-130

70-130

70-130

70-130

70-130

70-130

7.82

8.29

8.43

7.84

8.04

26

20

25

23

26



Ethylbenzene

Toluene

o-Xylene

p,m-Xylene Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	·
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/15/2025 1:19:00PM

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go			8/15	5/2025 1:19:00PM		
Nonhalogenated Organics by EPA 8015D - GRO Analyst:											
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes		
						70					
Blank (2533099-BLK1)							Prepared: 0	8/14/25 Analy	zed: 08/14/25		
Gasoline Range Organics (C6-C10)	ND	20.0									
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.43		8.00		92.9	70-130					
LCS (2533099-BS2)							Prepared: 0	8/14/25 Analy	zed: 08/14/25		
Gasoline Range Organics (C6-C10)	51.8	20.0	50.0		104	70-130					
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.39		8.00		92.4	70-130					
Matrix Spike (2533099-MS2)				Source:	E508155-	03	Prepared: 0	8/14/25 Analy	zed: 08/14/25		
Gasoline Range Organics (C6-C10)	54.4	20.0	50.0	ND	109	70-130					
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.20		8.00		90.0	70-130					
Matrix Spike Dup (2533099-MSD2)				Source:	E508155-	03	Prepared: 0	8/14/25 Analy	zed: 08/14/25		
Gasoline Range Organics (C6-C10)	54.3	20.0	50.0	ND	109	70-130	0.193	20			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.01		8.00		87.6	70-130					

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/15/2025 1:19:00PM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go				8/15/2025 1:19:00PN
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2533090-BLK1)							Prepared: 0	8/14/25 Ar	nalyzed: 08/14/25
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	48.2		50.0		96.4	61-141			
LCS (2533090-BS1)							Prepared: 0	8/14/25 Ar	nalyzed: 08/14/25
Diesel Range Organics (C10-C28)	270	25.0	250		108	66-144			
urrogate: n-Nonane	51.8		50.0		104	61-141			
Matrix Spike (2533090-MS1)				Source:	E508155-	17	Prepared: 0	8/14/25 Ar	nalyzed: 08/14/25
Diesel Range Organics (C10-C28)	244	25.0	250	ND	97.4	56-156			
urrogate: n-Nonane	47.8		50.0		95.6	61-141			
Matrix Spike Dup (2533090-MSD1)				Source:	E508155-	17	Prepared: 0	8/14/25 Ar	nalyzed: 08/14/25
Diesel Range Organics (C10-C28)	251	25.0	250	ND	100	56-156	2.89	20	
'urrogate: n-Nonane	47.6		50.0		95.1	61-141			

Chloride

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Project Number: Project Manager	: 0	Marwari 28 CT 1058-0007 Ashley Gioveng			Reported: 8/15/2025 1:19:00PM			
		Anions	by EPA	300.0/9056 <i>A</i>	A				Analyst: DT
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2533106-BLK1)							Prepared: 0	8/14/25 A	nalyzed: 08/14/25
Chloride	ND	20.0							
LCS (2533106-BS1)							Prepared: 0	8/14/25 A	nalyzed: 08/14/25
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2533106-MS1)				Source:	E508155-	05	Prepared: 0	8/14/25 A	nalyzed: 08/14/25
Chloride	313	20.0	250	56.8	102	80-120			
Matrix Spike Dup (2533106-MSD1)				Source:	E508155-	05	Prepared: 0	8/14/25 A	nalyzed: 08/14/25

250

20.0

56.8

101

80-120

1.40

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

	Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
١	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
	Artesia NM, 88210	Project Manager:	Ashley Giovengo	08/15/25 13:19

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.



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

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

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

40# 215 30990

Page 2 of 4

	Clie	nt Inform	nation		Invoice Information Lab Use Only TAT			AT	State												
Client: D	Devon				Company: Devon Energy			La	ab WO# Job Number							1D 2D 3D Std			NM	CO UT	TX
	Marwari 28	CTB 2			Address: 5315 Buena Vista Dr			F	508 155 0058-0007							x		x			
Project Manager: Ashley Giovengo City, State, Zip: Carlsbad NM, 88:				20				7				5710									
	3122 Natio			Phone: (575)689-7597					Analysis and Method								EP/	A Progra	m		
	te, Zip: Carls		A PROPERTY OF THE PARTY OF THE		Email: jim.raley	@dvn.com								1					SDWA	CWA	RCRA
	575-988-005				Miscellaneous: Jir				10			Ш			1						
	giovengo@e		om			ii iidie)				2	2	-0		ш					Compliance	e Y	or N
										801	801		0		-S				PWSID#		
				Sample Inform	nation					O by	o by	200	300	t-3	Meta		N	×	a c		
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID		Field	Lab Numb	er	DRO/ORO by 8015 GRO/DRO by 8015	GRO/DR	DIEA DY SUZI	VOC by 8260 Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX	Samle Temp	Ren	narks
0974	Fizhras	Sal	1		FS 62	-41		11									+		2.1		
0929			1		163	- U'		12									+		2.3		
1500					64.	-0,5'		13									1		2.5		
1424					66-	4.		14									4		3.0		
6900					68-	4'		15									+		2.4		
6922					171-	H,		16									+		2.6		
0906					172-41			17									+		3.9		
0907					73	-41		18									4		3.7		
0962					74	1-41		19									4		3.8		
0931	1	J	J		J78	7-41		20									1		3.6		
Addition	nal Instructio	ns: Ple	ease CC: c	burton@ensolum.	com, agiovengo@	ensolum.com, jin	n.rale	y@dvn	n.con	n, ie	strell	@e	nsolu	n.con	n, cha	milto	on@	ensolum	.com,		
				m.com, akone@ei																	
				of this sample. I am awa	re that tampering with o	r intentionally mislabeling	the sa	mple loca	ation, c	date o	r time o	colle	ction is c	onsider	ed fraud	d and n	nay be	e grounds fo	r legal action.		
	:Jenna Hinkle		Lic Y		-	Ind	-			1.		_		I-ro			_		200.00	o personal	10. c 20. k = 3
	ed by: (Signatur			Date SA 2 Lange	Time O G	Received by: (Signati	ire)?	sura m	lec	> "	Date 🗸 -	12.	25	Time	100	0			Samples red		
a	ma tin	nle	fi .	8/13/2025	1:00	Received by: (Signate	- 1	1	(3		0	0	00	714.	570	10	-4	1 1	servation m		
Relinquish	ed by (Signatu	Some	(ec	8-13-26	1500	Mario An			0	,	0	12	-74	77	50	0		0.0	e the day the eived packe	the state of the state of	A STATE OF THE PARTY OF THE PAR
	ed by: (Signatur	-		Date	Time	Paginad by Signat	Walled I	8 8			Date	10	-		_	-		1			Occupant Comment
Reinquish	asa Bo	mont	DA.	8-13-25	11,60	Andreu	0.1	Mu	11	0.	0	13	.25	Time	10	70	0	·	above 0 but less than 6°C o subsequent days.		
II LUVU	and series	NO gase	- Date		Time	Received by: (Signate		yun						Time	-	•		-	27.77003		
An	drew	MII	MAO.	Date 8.14.25	0345	Received by, (Signati	ure)	1	_	ľ	B.	14	.25	Time of	7	15		1		Jse Only	
-	ed by: (Signatur	re)		Date	Time	Received by: (Signat	ure)	W.		-	Date		->	Time	- 1	1,0			Received on ice: N		e.
Cample AA-	trix: S - Soil, Sd - S	olid Car Cl.	dan A An.	ous O - Other		1	Con	tainer T	Type.	0 - 0	lace n	- no	ly/plac	ic ag	- amh	er ala	SS V	- VOA			
				s are reported unless o	ther arrangements ar	e made. Hazardous sa													or the analysi	s of the a	hove
				ived by the laboratory											- ment	pell	11		the undivisi	or the d	1038.

envirotech Inc.

Printed: 8/14/2025 11:22:22AM

Envirotech Analytical Laboratory

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:	Devon Energy - Carlsbad	Date Received:	08/14/25 07:	:15	Work Order I	D: E508155
Phone:	(505) 382-1211	Date Logged In:	08/13/25 15:	28	Logged In By	y: Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:		:00 (1 day TAT)		,,
Chain of	Custody (COC)					
1. Does t	he sample ID match the COC?		Yes			
2. Does t	he number of samples per sampling site location ma	atch the COC	Yes			
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: <u>C</u>	<u>ourier</u>	
	e COC complete, i.e., signatures, dates/times, reque	ested analyses?	Yes			
5. Were a	Ill samples received within holding time? Note: Analysis, such as pH which should be conducted i.e, 15 minute hold time, are not included in this disucss		Yes		<u>Comn</u>	nents/Resolution
Sample 7	<u>Furn Around Time (TAT)</u>			Γ		
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes		Project Marwari 28 (CTB 2 has been
Sample (<u>Cooler</u>				separated in 2 report	s due to sample
7. Was a	sample cooler received?		Yes		volume. WOs are E5	508155 and E508156.
8. If yes,	was cooler received in good condition?		Yes			
9. Was th	e 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			
	ne sample received on ice? Note: Thermal preservation is not required, if samples a 15 minutes of sampling		Yes			
	COC for individual sample temps. Samples outside	of 0-C-6-C will be	recorded in	comments.		
	Container queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	a trip blank (TB) included for VOC analyses?		NA			
	on-VOC samples collected in the correct containers	s?	Yes			
	appropriate volume/weight or number of sample conta		Yes			
Field La	· · · · · · · · · · · · · · · · · · ·					
20. Were	field sample labels filled out with the minimum inf	ormation:				
	ample ID?		Yes			
	Oate/Time Collected?		Yes	-		
	Collectors name?		Yes			
	Preservation the COC or field labels indicate the samples were process.	reserved?	No			
	ample(s) correctly preserved?	reserved:	NA			
	filtration required and/or requested for dissolved m	netals?	No			
	ase Sample Matrix		1,0			
	the sample have more than one phase, i.e., multiph	ase?	No			
	, does the COC specify which phase(s) is to be anal		NA			
		<i>y</i> 200.	IVA			
	ract Laboratory amples required to get sent to a subcontract laborate	0	No			
	amples required to get sent to a subcontract laborator subcontract laboratory specified by the client and	-		ubcontract Lab	. NI A	
		II 50 WHO:	11/1 0	uocomiaci Lab	, IVA	
Client I	<u>nstruction</u>					
1						

Date

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

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





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Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Marwari 28 CTB 2

Work Order: E508156

Job Number: 01058-0007

Received: 8/14/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 8/15/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

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

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

Date Reported: 8/15/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Marwari 28 CTB 2

Workorder: E508156

Date Received: 8/14/2025 7:15:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/14/2025 7:15:00AM, under the Project Name: Marwari 28 CTB 2.

The analytical test results summarized in this report with the Project Name: Marwari 28 CTB 2 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881

Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

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Client Representative

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mgonzales@envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	08/15/25 15:22

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS79-4'	E508156-01A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
FS81-4'	E508156-02A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
FS83-4'	E508156-03A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
FS84-4'	E508156-04A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
FS85-4'	E508156-05A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
FS92-4'	E508156-06A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
FS93-4'	E508156-07A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
FS94-4'	E508156-08A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
FS96-4'	E508156-09A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
SW05- 0'-4'	E508156-10A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
SW06- 0'-4'	E508156-11A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
SW07- 0'-4'	E508156-12A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
SW08- 0'-4'	E508156-13A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
SW09- 0'-4'	E508156-14A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
SW10- 0'-4'	E508156-15A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
SW11- 0'-4'	E508156-16A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
SW12- 0'-4'	E508156-17A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/15/2025 3:22:02PM

FS79-4' E508156-01

		E300130-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Thur, te				•	- I IIIII J Zeu	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	/st: SL		Batch: 2533098
Benzene	ND	0.0250	1	08/14/25	08/14/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25	
Toluene	ND	0.0250	1	08/14/25	08/14/25	
o-Xylene	ND	0.0250	1	08/14/25	08/14/25	
p,m-Xylene	ND	0.0500	1	08/14/25	08/14/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25	
Surrogate: 4-Bromochlorobenzene-PID		97.0 %	70-130	08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	Analyst: SL			Batch: 2533098
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		108 %	70-130	08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	/st: KH		Batch: 2533089
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/14/25	
Surrogate: n-Nonane		92.7 %	61-141	08/14/25	08/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	/st: DT		Batch: 2533107
Chloride	1060	20.0	1	08/14/25	08/14/25	_



Chloride

Sample Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/15/2025 3:22:02PM

FS81-4'

E508156-02 Reporting Analyte Result Limit Dilution Analyzed Prepared Notes Analyst: SL Batch: 2533098 mg/kg mg/kg Volatile Organics by EPA 8021B 08/14/25 08/14/25 ND 0.0250 Benzene 1 08/14/25 08/14/25 Ethylbenzene ND 0.0250ND 0.02501 08/14/25 08/14/25 Toluene 1 08/14/25 08/14/25 o-Xylene ND 0.02501 08/14/25 08/14/25 ND 0.0500 p,m-Xylene 08/14/25 08/14/25 1 Total Xylenes ND 0.025008/14/25 08/14/25 98.5 % 70-130 Surrogate: 4-Bromochlorobenzene-PID Batch: 2533098 mg/kg Analyst: SL Nonhalogenated Organics by EPA 8015D - GRO mg/kg 08/14/25 08/14/25 ND 20.0 1 Gasoline Range Organics (C6-C10) Surrogate: 1-Chloro-4-fluorobenzene-FID 110 % 08/14/25 08/14/25 70-130 mg/kg mg/kg Analyst: KH Batch: 2533089 Nonhalogenated Organics by EPA 8015D - DRO/ORO ND 25.0 08/14/25 08/14/25 Diesel Range Organics (C10-C28) ND 08/14/25 08/14/25 Oil Range Organics (C28-C36) 50.0 1 08/14/25 08/14/25 Surrogate: n-Nonane 92.7 % 61-141 Analyst: DT Batch: 2533107 Anions by EPA 300.0/9056A mg/kg mg/kg

20.0

1

08/14/25

08/14/25

1800



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/15/2025 3:22:02PM

FS83-4'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2533098
Benzene	ND	0.0250	1	08/14/25	08/14/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25	
Toluene	ND	0.0250	1	08/14/25	08/14/25	
o-Xylene	ND	0.0250	1	08/14/25	08/14/25	
p,m-Xylene	ND	0.0500	1	08/14/25	08/14/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25	
Surrogate: 4-Bromochlorobenzene-PID		98.4 %	70-130	08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	An	Analyst: SL		Batch: 2533098
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		109 %	70-130	08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2533089
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/14/25	
Surrogate: n-Nonane		92.8 %	61-141	08/14/25	08/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2533107
Chloride	1310	20.0	1	08/14/25	08/14/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/15/2025 3:22:02PM

FS84-4'

		ъ				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	nalyst: SL		Batch: 2533098
Benzene	ND	0.0250	1	08/14/25	08/14/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25	
Toluene	ND	0.0250	1	08/14/25	08/14/25	
o-Xylene	ND	0.0250	1	08/14/25	08/14/25	
p,m-Xylene	ND	0.0500	1	08/14/25	08/14/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	Analyst: SL			Batch: 2533098
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		105 %	70-130	08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: KH		Batch: 2533089
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/14/25	_
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/14/25	
Surrogate: n-Nonane		92.4 %	61-141	08/14/25	08/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: DT		Batch: 2533107
Chloride	1430	20.0	1	08/14/25	08/14/25	<u> </u>



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/15/2025 3:22:02PM

FS85-4'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: SL		Batch: 2533098
Benzene	ND	0.0250	1	08/14/25	08/14/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25	
Toluene	ND	0.0250	1	08/14/25	08/14/25	
o-Xylene	ND	0.0250	1	08/14/25	08/14/25	
p,m-Xylene	ND	0.0500	1	08/14/25	08/14/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: SL		Batch: 2533098
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		108 %	70-130	08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: KH		Batch: 2533089
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/14/25	
Surrogate: n-Nonane		92.8 %	61-141	08/14/25	08/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: DT		Batch: 2533107
Chloride	156	20.0	1	08/14/25	08/14/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/15/2025 3:22:02PM

FS92-4'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	nalyst: SL		Batch: 2533098
Benzene	ND	0.0250	1	08/14/25	08/14/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25	
Toluene	ND	0.0250	1	08/14/25	08/14/25	
o-Xylene	ND	0.0250	1	08/14/25	08/14/25	
p,m-Xylene	ND	0.0500	1	08/14/25	08/14/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25	
Surrogate: 4-Bromochlorobenzene-PID		98.3 %	70-130	08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: SL		Batch: 2533098
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		108 %	70-130	08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: KH		Batch: 2533089
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/14/25	
Surrogate: n-Nonane		93.1 %	61-141	08/14/25	08/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: DT		Batch: 2533107
Chloride	154	20.0	1	08/14/25	08/14/25	



Chloride

Sample Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/15/2025 3:22:02PM

FS93-4'

		E508156-07				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2533098
Benzene	ND	0.0250	1	08/14/25	08/14/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25	
Toluene	ND	0.0250	1	08/14/25	08/14/25	
o-Xylene	ND	0.0250	1	08/14/25	08/14/25	
p,m-Xylene	ND	0.0500	1	08/14/25	08/14/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25	
Surrogate: 4-Bromochlorobenzene-PID		97.2 %	70-130	08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2533098
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		109 %	70-130	08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2533089
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/14/25	
Surrogate: n-Nonane		97.8 %	61-141	08/14/25	08/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2533107

20.0

1930

08/14/25

08/14/25



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/15/2025 3:22:02PM

FS94-4'

Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	lyst: SL		Batch: 2533098
ND	0.0250	1	08/14/25	08/14/25	
ND	0.0250	1	08/14/25	08/14/25	
ND	0.0250	1	08/14/25	08/14/25	
ND	0.0250	1	08/14/25	08/14/25	
ND	0.0500	1	08/14/25	08/14/25	
ND	0.0250	1	08/14/25	08/14/25	
	99.5 %	70-130	08/14/25	08/14/25	
mg/kg	mg/kg	Ana	llyst: SL		Batch: 2533098
ND	20.0	1	08/14/25	08/14/25	
	109 %	70-130	08/14/25	08/14/25	
mg/kg	mg/kg	Ana	lyst: KH		Batch: 2533089
ND	25.0	1	08/14/25	08/14/25	
ND	50.0	1	08/14/25	08/14/25	
	95.8 %	61-141	08/14/25	08/14/25	
mg/kg	mg/kg	Ana	lyst: DT		Batch: 2533107
	mg/kg ND	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 mp/kg mg/kg ND 20.0 109 % mg/kg ND 25.0 ND 50.0 95.8 %	Result Limit Dilution mg/kg mg/kg Ana ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 20.0 1 109 % 70-130 mg/kg mg/kg Ana ND 25.0 1 ND 50.0 1 95.8 % 61-141	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 08/14/25 ND 0.0250 1 08/14/25 ND 0.0250 1 08/14/25 ND 0.0500 1 08/14/25 ND 0.0250 1 08/14/25 ND 0.0250 1 08/14/25 mg/kg mg/kg Analyst: SL ND 20.0 1 08/14/25 mg/kg mg/kg Analyst: KH ND 25.0 1 08/14/25 ND 50.0 1 08/14/25 95.8 % 61-141 08/14/25	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 08/14/25 08/14/25 ND 0.0500 1 08/14/25 08/14/25 ND 0.0250 1 08/14/25 08/14/25 mg/kg mg/kg Analyst: SL ND 20.0 1 08/14/25 08/14/25 ng/kg mg/kg Analyst: SL 08/14/25 08/14/25 mg/kg mg/kg Analyst: KH 08/14/25 08/14/25 ND 25.0 1 08/14/25 08/14/25 ND 50.0 1 08/14/25 08/14/25 ND 50.0 1 08/14/25 08/14/25 ND 50.0 1 08/14/



Chloride

Sample Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/15/2025 3:22:02PM

FS96-4'

E508156-09						
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2533098
Benzene	ND	0.0250	1	08/14/25	08/14/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25	
Toluene	ND	0.0250	1	08/14/25	08/14/25	
o-Xylene	ND	0.0250	1	08/14/25	08/14/25	
p,m-Xylene	ND	0.0500	1	08/14/25	08/14/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25	
Surrogate: 4-Bromochlorobenzene-PID		97.3 %	70-130	08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2533098
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		110 %	70-130	08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2533089
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/14/25	
Surrogate: n-Nonane		93.7 %	61-141	08/14/25	08/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2533107

20.0

793

08/14/25

08/14/25



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/15/2025 3:22:02PM

SW05- 0'-4' E508156-10

		E300130-10				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
•			Analys	•	,	Batch: 2533098
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Allarys			Baten: 2333098
Benzene	ND	0.0250	1	08/14/25	08/14/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25	
Toluene	ND	0.0250	1	08/14/25	08/14/25	
o-Xylene	ND	0.0250	1	08/14/25	08/14/25	
p,m-Xylene	ND	0.0500	1	08/14/25	08/14/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25	
Surrogate: 4-Bromochlorobenzene-PID		95.0 %	70-130	08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: SL		Batch: 2533098
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		109 %	70-130	08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: KH		Batch: 2533089
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/14/25	
Surrogate: n-Nonane		94.3 %	61-141	08/14/25	08/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: DT		Batch: 2533107
Chloride	ND	20.0	1	08/14/25	08/14/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/15/2025 3:22:02PM

SW06- 0'-4'

		E508156-11				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2533098
Benzene	ND	0.0250	1	08/14/25	08/14/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25	
Toluene	ND	0.0250	1	08/14/25	08/14/25	
o-Xylene	ND	0.0250	1	08/14/25	08/14/25	
p,m-Xylene	ND	0.0500	1	08/14/25	08/14/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25	
Surrogate: 4-Bromochlorobenzene-PID		97.2 %	70-130	08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2533098
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		110 %	70-130	08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2533089
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/14/25	
Surrogate: n-Nonane		99.5 %	61-141	08/14/25	08/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2533107
Chloride	206	20.0	1	08/14/25	08/14/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/15/2025 3:22:02PM

SW07- 0'-4'

		E508156-12					
Reporting							
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2533098	
Benzene	ND	0.0250	1	08/14/25	08/14/25		
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25		
Toluene	ND	0.0250	1	08/14/25	08/14/25		
o-Xylene	ND	0.0250	1	08/14/25	08/14/25		
p,m-Xylene	ND	0.0500	1	08/14/25	08/14/25		
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25		
Surrogate: 4-Bromochlorobenzene-PID		97.9 %	70-130	08/14/25	08/14/25		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2533098	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25		
Surrogate: 1-Chloro-4-fluorobenzene-FID		110 %	70-130	08/14/25	08/14/25		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2533089	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/14/25		
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/14/25		
Surrogate: n-Nonane		94.0 %	61-141	08/14/25	08/14/25		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2533107	
Chloride	ND	20.0	1	08/14/25	08/15/25		



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/15/2025 3:22:02PM

SW08- 0'-4' E508156-13

	E508150-13				
	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analyst: SL			Batch: 2533098
ND	0.0250	1	08/14/25	08/14/25	
ND	0.0250	1	08/14/25	08/14/25	
ND	0.0250	1	08/14/25	08/14/25	
ND	0.0250	1	08/14/25	08/14/25	
ND	0.0500	1	08/14/25	08/14/25	
ND	0.0250	1	08/14/25	08/14/25	
	95.5 %	70-130	08/14/25	08/14/25	
mg/kg	mg/kg	Analy	st: SL		Batch: 2533098
ND	20.0	1	08/14/25	08/14/25	
	113 %	70-130	08/14/25	08/14/25	
mg/kg	mg/kg	Analy	/st: KH		Batch: 2533089
ND	25.0	1	08/14/25	08/14/25	
ND	50.0	1	08/14/25	08/14/25	
	94.6 %	61-141	08/14/25	08/14/25	
mg/kg	mg/kg	Analy	/st: DT		Batch: 2533107
ND	20.0	1	08/14/25	08/15/25	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result Reporting mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 20.0250 MB/kg mg/kg MB/kg mg/kg ND 20.0 113 % mg/kg ND 25.0 ND 50.0 94.6 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 MD 0.0250 1 MD 20.0250 1 Mg/kg mg/kg Analy ND 20.0 1 Mg/kg mg/kg Analy ND 25.0 1 ND 50.0 1 94.6% 61-141 61-141 mg/kg mg/kg Analy	Reporting Result Limit Dilution Prepared mg/kg Analyst: SL ND 0.0250 1 08/14/25 ND 0.0250 1 08/14/25 ND 0.0250 1 08/14/25 ND 0.0250 1 08/14/25 ND 0.0500 1 08/14/25 ND 0.0250 1 08/14/25 mg/kg mg/kg Analyst: SL ND 20.0 1 08/14/25 mg/kg mg/kg Analyst: KH ND 25.0 1 08/14/25 ND 50.0 1 08/14/25 ND 50.0 1 08/14/25 ND 50.0 1 08/14/25 Mg/kg Mg/later 08/14/25	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 08/14/25 08/14/25 ND 0.0500 1 08/14/25 08/14/25 ND 0.0250 1 08/14/25 08/14/25 Mg/kg mg/kg Analyst: SL 08/14/25 mg/kg mg/kg Analyst: SL 08/14/25 ND 20.0 1 08/14/25 08/14/25 mg/kg mg/kg Analyst: KH ND 25.0 1 08/14/25 08/14/25 ND 25.0 1 08/14/25 08/14/25 08/14/25 ND 50.0 1 08/14/25 08/14/25 ND 50.0 1



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/15/2025 3:22:02PM

SW09- 0'-4'

		E508156-14					
Reporting							
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	nalyst: SL		Batch: 2533098	
Benzene	ND	0.0250	1	08/14/25	08/14/25		
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25		
Toluene	ND	0.0250	1	08/14/25	08/14/25		
o-Xylene	ND	0.0250	1	08/14/25	08/14/25		
p,m-Xylene	ND	0.0500	1	08/14/25	08/14/25		
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25		
Surrogate: 4-Bromochlorobenzene-PID		96.3 %	70-130	08/14/25	08/14/25		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2533098	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25		
Surrogate: 1-Chloro-4-fluorobenzene-FID		111 %	70-130	08/14/25	08/14/25		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	nalyst: KH		Batch: 2533089	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/14/25		
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/14/25		
Surrogate: n-Nonane		96.0 %	61-141	08/14/25	08/14/25		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	nalyst: DT		Batch: 2533107	
Chloride	827	20.0	1	08/14/25	08/15/25		



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/15/2025 3:22:02PM

SW10- 0'-4' E508156-15

Result	Reporting Limit		Prepared	Analyzed	Notes
mg/kg	mg/kg Analyst: SL			Batch: 2533098	
ND	0.0250	1	08/14/25	08/15/25	
ND	0.0250	1	08/14/25	08/15/25	
ND	0.0250	1	08/14/25	08/15/25	
ND	0.0250	1	08/14/25	08/15/25	
ND	0.0500	1	08/14/25	08/15/25	
ND	0.0250	1	08/14/25	08/15/25	
	100 %	70-130	08/14/25	08/15/25	
mg/kg	mg/kg	Ana	lyst: SL		Batch: 2533098
ND	20.0	1	08/14/25	08/15/25	
	108 %	70-130	08/14/25	08/15/25	
mg/kg	mg/kg	Ana	lyst: KH		Batch: 2533089
ND	25.0	1	08/14/25	08/14/25	
ND	50.0	1	08/14/25	08/14/25	
	98.9 %	61-141	08/14/25	08/14/25	
mg/kg	mg/kg	Ana	lyst: DT		Batch: 2533107
131	20.0	1	08/14/25	08/15/25	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 MD 0.0250 MD 20.0 108 % mg/kg MB 25.0 ND 50.0 98.9 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Ana ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 70-130 mg/kg mg/kg Ana ND 20.0 1 108 % 70-130 mg/kg mg/kg Ana ND 25.0 1 ND 50.0 1 98.9 % 61-141 61-141 mg/kg mg/kg Ana	Reporting Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 08/14/25 ND 0.0250 1 08/14/25 ND 0.0250 1 08/14/25 ND 0.0500 1 08/14/25 ND 0.0250 1 08/14/25 ND 70-130 08/14/25 mg/kg mg/kg Analyst: SL ND 20.0 1 08/14/25 mg/kg mg/kg Analyst: KH ND 25.0 1 08/14/25 ND 50.0 1 08/14/25 ND 50.0 1 08/14/25 ND 50.0 1 08/14/25 mg/kg Mg/14/25 08/14/25	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 08/14/25 08/15/25 ND 0.0250 1 08/14/25 08/15/25 ND 0.0250 1 08/14/25 08/15/25 ND 0.0500 1 08/14/25 08/15/25 ND 0.0250 1 08/14/25 08/15/25 ND 0.0250 1 08/14/25 08/15/25 mg/kg mg/kg Analyst: SL ND 20.0 1 08/14/25 08/15/25 mg/kg mg/kg Analyst: KH ND 25.0 1 08/14/25 08/15/25 ND 50.0 1 08/14/25 08/14/25 ND 50.0 1 08/14/25 08/14/25 ND 50.0 1 08/14/25 08/14/25 ND 50.0 1 08/14/25



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/15/2025 3:22:02PM

SW11- 0'-4' E508156-16

		E300130-10				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	*		Batch: 2533098
Benzene	ND	0.0250	1	08/14/25	08/15/25	Batem 2000 00
Ethylbenzene	ND	0.0250	1	08/14/25	08/15/25	
Foluene	ND	0.0250	1	08/14/25	08/15/25	
o-Xylene	ND	0.0250	1	08/14/25	08/15/25	
o,m-Xylene	ND	0.0500	1	08/14/25	08/15/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/15/25	
Surrogate: 4-Bromochlorobenzene-PID		98.2 %	70-130	08/14/25	08/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	g Analyst: SL			Batch: 2533098
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		110 %	70-130	08/14/25	08/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KH		Batch: 2533089
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/14/25	
Surrogate: n-Nonane		96.7 %	61-141	08/14/25	08/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2533107
Chloride	211	20.0	1	08/14/25	08/15/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/15/2025 3:22:02PM

SW12- 0'-4'

		E508156-17				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2533098
Benzene	ND	0.0250	1	08/14/25	08/15/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/15/25	
Toluene	ND	0.0250	1	08/14/25	08/15/25	
o-Xylene	ND	0.0250	1	08/14/25	08/15/25	
p,m-Xylene	ND	0.0500	1	08/14/25	08/15/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/15/25	
Surrogate: 4-Bromochlorobenzene-PID		96.7 %	70-130	08/14/25	08/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2533098
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		111 %	70-130	08/14/25	08/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2533089
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/14/25	
Surrogate: n-Nonane		96.2 %	61-141	08/14/25	08/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2533107
Chloride	37.5	20.0	1	08/14/25	08/15/25	



QC Summary Data

		QC SI	u 11111116	пу рас	а						
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:	Marwari 28 CTB 2 01058-0007 Ashley Giovengo						Reported: 8/15/2025 3:22:02PM		
Artesia IVIVI, 00210									0,10,2020 0,22,0211,1		
		Volatile O	rganics l	by EPA 802	21B			Analyst: SL			
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2533098-BLK1)							Prepared: 0	8/14/25 A	nalyzed: 08/14/25		
Benzene	ND	0.0250									
Ethylbenzene	ND	0.0250									
Toluene	ND	0.0250									
o-Xylene	ND	0.0250									
o,m-Xylene	ND	0.0500									
Total Xylenes	ND	0.0250									
Surrogate: 4-Bromochlorobenzene-PID	8.06		8.00		101	70-130					
LCS (2533098-BS1)							Prepared: 0	8/14/25 A	nalyzed: 08/14/25		
Benzene	4.64	0.0250	5.00		92.9	70-130					
Ethylbenzene	4.73	0.0250	5.00		94.6	70-130					
Toluene	4.72	0.0250	5.00		94.5	70-130					
p-Xylene	4.74	0.0250	5.00		94.9	70-130					
o,m-Xylene	9.62	0.0500	10.0		96.2	70-130					
Total Xylenes	14.4	0.0250	15.0		95.7	70-130					
Surrogate: 4-Bromochlorobenzene-PID	7.63		8.00		95.3	70-130					
Matrix Spike (2533098-MS1)				Source:	E508156-	10	Prepared: 0	8/14/25 A	nalyzed: 08/14/25		
Benzene	4.73	0.0250	5.00	ND	94.6	70-130					
Ethylbenzene	4.81	0.0250	5.00	ND	96.1	70-130					
Toluene	4.81	0.0250	5.00	ND	96.1	70-130					
p-Xylene	4.82	0.0250	5.00	ND	96.4	70-130					
o,m-Xylene	9.77	0.0500	10.0	ND	97.7	70-130					
Total Xylenes	14.6	0.0250	15.0	ND	97.3	70-130					
Surrogate: 4-Bromochlorobenzene-PID	8.03		8.00		100	70-130					
Matrix Spike Dup (2533098-MSD1)				Source:	E508156-	10	Prepared: 0	8/14/25 A	nalyzed: 08/14/25		
Benzene	4.77	0.0250	5.00	ND	95.3	70-130	0.792	27			
Ethylbenzene	4.89	0.0250	5.00	ND	97.9	70-130	1.82	26			
Toluene	4.87	0.0250	5.00	ND	97.4	70-130	1.27	20			
o-Xylene	4.90	0.0250	5.00	ND	98.1	70-130	1.70	25			

10.0

15.0

8.00

0.0500

0.0250

ND

ND

99.4

99.0

98.2

70-130

70-130

70-130

1.76

1.74

23

26



p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

9.94

14.8

7.86

Surrogate: 1-Chloro-4-fluorobenzene-FID

8.70

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/15/2025 3:22:02PM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go			8/1	5/2025 3:22:02PM					
	Nonhalogenated Organics by EPA 8015D - GRO													
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes					
Blank (2533098-BLK1)							Prepared: 0	8/14/25 Anal	yzed: 08/14/25					
Gasoline Range Organics (C6-C10)	ND	20.0												
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.48		8.00		106	70-130								
LCS (2533098-BS2)							Prepared: 0	8/14/25 Anal	yzed: 08/14/25					
Gasoline Range Organics (C6-C10)	55.5	20.0	50.0		111	70-130								
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.54		8.00		107	70-130								
Matrix Spike (2533098-MS2)				Source:	E508156-	10	Prepared: 0	8/14/25 Anal	yzed: 08/14/25					
Gasoline Range Organics (C6-C10)	55.5	20.0	50.0	ND	111	70-130								
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.63		8.00		108	70-130								
Matrix Spike Dup (2533098-MSD2)				Source:	E508156-	10	Prepared: 0	8/14/25 Anal	yzed: 08/14/25					
Gasoline Range Organics (C6-C10)	58.1	20.0	50.0	ND	116	70-130	4.65	20						

70-130

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/15/2025 3:22:02PM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go				8/15/2025 3:22:02PN
	Nonha	logenated Or	ganics by l	EPA 8015I) - DRO	/ORO			Analyst: KH
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2533089-BLK1)							Prepared: 0	8/14/25 A	nalyzed: 08/14/25
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	46.0		50.0		92.0	61-141			
LCS (2533089-BS1)							Prepared: 0	8/14/25 A	nalyzed: 08/14/25
Diesel Range Organics (C10-C28)	220	25.0	250		88.1	66-144			
Surrogate: n-Nonane	47.5		50.0		95.0	61-141			
Matrix Spike (2533089-MS1)				Source:	E508156-	04	Prepared: 0	8/14/25 A	nalyzed: 08/14/25
Diesel Range Organics (C10-C28)	220	25.0	250	ND	88.0	56-156			
Surrogate: n-Nonane	46.3		50.0		92.6	61-141			
Matrix Spike Dup (2533089-MSD1)				Source:	E508156-	04	Prepared: 0	8/14/25 A	nalyzed: 08/14/25
Diesel Range Organics (C10-C28)	218	25.0	250	ND	87.4	56-156	0.754	20	
Surrogate: n-Nonane	47.0		50.0		94.1	61-141			

Matrix Spike (2533107-MS1)

Matrix Spike Dup (2533107-MSD1)

Chloride

Chloride

1620

1600

Prepared: 08/14/25 Analyzed: 08/14/25

Prepared: 08/14/25 Analyzed: 08/14/25

20

M4

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Marwari 28 CTB 2 Project Number: 01058-0007							Reported:
Artesia NM, 88210		Project Manager		shley Gioveng	go				8/15/2025 3:22:02PM
		Anions	by EPA	300.0/9056 <i>A</i>	4				Analyst: DT
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2533107-BLK1)							Prepared: 0	8/14/25 Aı	nalyzed: 08/14/25
Chloride	ND	20.0							
LCS (2533107-BS1)							Prepared: 0	8/14/25 Aı	nalyzed: 08/14/25
Chloride	255	20.0	250		102	90-110			

250

250

20.0

20.0

Source: E508156-04

Source: E508156-04

77.3

66.5

80-120

80-120

1.68

1430

1430

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

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	08/15/25 15:22

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.



	Clie	nt Inform	nation		Invoi	ce Information				L	ab U	se On	ly				T	AT	AT State					
Client: D	Devon				Company: Devo	n Energy		La	ab W	D#		Job	Num	ber		1D	2D	3D	Std		NM	col	UT	TX
Project:	Marwari 28	CTB 2			Address: 5315 B	uena Vista Dr			50		56	OX	58	-000			x				x			
Project N	Manager: As	hley Giov	engo		City, State, Zip: (Carlsbad NM, 882	20													,				
Address:	3122 Natio	nal Parks	Hwy		Phone: (575)689	-7597						Ana	lysis	and	Meth	hod					EP	A Pro	ogran	n
City, Stat	te, Zip: Carls	bad NM,	88220		Email: jim.ralev@	Odvn.com					1		İ										RCRA	
_	575-988-005				Miscellaneous: Jin																			
Email: a	giovengo@e	nsolum.c	om		The second secon															Com	pliand	e I	Y	or N
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				Sample Inform	nation				34 0	(O by	8021	8260	300	XT - 20	Meta		MN	¥		a	a			
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID		Field	Lab Numb	10	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Samle	Tem		Rema	ırks
0933	8/11/1015	Soil	1		F579	- 4·		1									+			3.	5			
0935		1	1		181-	- 41		2									+			3.	7			
0420					83.	- U'		3									4			3.	3			
0920					84.	- 41°		4									+			3.	0			
0924					85	- 4'		5									4			3.	1			
0916					92	-u'		6									+			z.	9			
0913					93	-4.		7									4			2.	7			
0915					194	-41		8									+			Z.	6			
oqia					196	-41		9									4			7.	3			
1258	V	Ú	V		SW 05-			10									+			7.	-			
					com, agiovengo@								lum.	com	, cha	milt	on@	enso	olum.	com	,			
					nsolum.com, igonz									-	1 25 5 7				2 0.7					
					re that tampering with or	intentionally mislabeling	g the sai	mple locat	ition, da	te or tin	ne of co	ollection	is con	sidere	d frauc	and	may be	e grour	nds for	legal a	ction.			
	:Jenna Hinkle		di C PIV	Date .	Tr	la 1: 115 temps :	100		a	In.		_	_	**		_						-		
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Sample Ma	trix: S - Soil, Sd - S	olid Sa - Sha	dee A - Acus	ous O - Other			ICon	tainer T	vne. a	- 9 25	c n - !	noly/r	actio	20 -	amh	or al-	occ 1/	- 1/0	^		_			
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					with this COC. The liabi																,5			

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	Cli	ent Inform	nation		Invo	ice Information				La	ab Us	e Onl	У				TA	AT .		State		
Client: D					Company: Dev			Lab	WO:	#	,	Job N				1D	2D	3D St	MM b	CO U1	TX	
Project:	Marwari 28	CTB 2											X		Х							
Project N	Aanager: A	shley Giov	engo		City, State, Zip:	Carlsbad NM, 8822	20															
Address:	3122 Natio	onal Parks	Hwy		Phone: (575)689	9-7597						Anal	ysis	and	Met	hod			EF	A Progr	am	
City, Stat	e, Zip: Carl	sbad NM,	88220		Email: jim.raley@dvn.com SDW/					SDWA	DWA CWA R											
Phone: !	575-988-00	55			Miscellaneous: Ji	m Raley																
Email: a	giovengo@	ensolum.c	om								Complian	ce Y	or I									
									by 8015	801	801	0 0	0.	×	sle				PWSID #			
				Sample Inform	ormation				Ob	(O b)	802	8260	300	1-30	Met		Z	7	9 G			
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID		Field	Lab umbe	DRO/ORO	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX	Samle Temp	Re	marks	
1253	8/12/202	Soil	1		SW06-	0'-41		11									+		3.0	KI .		
1250		1			167-	01-41	1	2									+		33			
1130					08-	0'-4'		3									7		3.4			
1250					09-	0,-4,		4									4		3.6			
1251					10-	0'-4'		5									+		3.4			
1255		W.			11-	01-41		6									+		3.1			
1259		V	V		112-0	3'-4,	f	7									1		3.0			
					PH07-	4.	1				_											
									T													
				burton@ensolum. m.com. akone@er			1000						lum	.com	, cha	milto	on@	ensolui	n.com,			
, (field sam		he validity an	d authenticit	y of this sample. I am awar									is co	nsidere	d frau	d and n	nay be	grounds t	or legal action.			
Relinquish	ed by: (Signat	ure)		Date 8/13/2025	7: U 0	Received by: (Signatu	Gov	zn	les	Date	3-13	3.25	,	Time 1	57	00		pr	Samples re eservation i	100		
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Relinquish	ed by: (Signat	ure)	200	S-13-26	1650	Received by (Signatu		118	So	Dare	3.1	3:	25	Time	10	१००	>		above 0 bu subse	t less tha quent da		
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	ed by: (Signat			Date	Time	Received by: (Signatu	ire)			Date				Time						9/ N		
				eous, O - Other					pe: g -	1		11			-			1404				

envirotech Inc.

Printed: 8/14/2025 11:25:33AM

Envirotech Analytical Laboratory

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:	Devon Energy - Carlsbad	Date Received:	08/14/25 07:1	.5	Work Order II	D: E508156
Phone:	(505) 382-1211	Date Logged In:	08/13/25 15:3	5	Logged In By	: Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:		00 (1 day TAT)		
Chain of	Custody (COC)					
1. Does t	he sample ID match the COC?		Yes			
2. Does t	he number of samples per sampling site location ma	atch the COC	Yes			
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: C	<u>'ourier</u>	
	e COC complete, i.e., signatures, dates/times, reque	ested analyses?	Yes			
5. Were a	Ill samples received within holding time? Note: Analysis, such as pH which should be conducted i.e, 15 minute hold time, are not included in this disucss		Yes		<u>Comm</u>	nents/Resolution
Sample 7	<u> Furn Around Time (TAT)</u>			ſ		
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes		Project Marwari 28 (CTB 2 has been
Sample (<u>Cooler</u>				separated in 2 reports	s due to sample
7. Was a	sample cooler received?		Yes		volume. WOs are E5	08155 and E508156.
8. If yes,	was cooler received in good condition?		Yes			
9. Was th	e 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			
	ne sample received on ice? Note: Thermal preservation is not required, if samples a 15 minutes of sampling		Yes			
	COC for individual sample temps. Samples outside	of 0-C-6-C will be	recorded in c	omments.		
	Container queous VOC samples present?		No			
	/OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	a trip blank (TB) included for VOC analyses?		NA			
	con-VOC samples collected in the correct containers	s?	Yes			
	appropriate volume/weight or number of sample conta		Yes			
Field La	** *					
20. Were	field sample labels filled out with the minimum inf	ormation:				
	ample ID?		Yes			
	Oate/Time Collected?		Yes			
	Collectors name?		Yes			
	Preservation the COC or field labels indicate the samples were p	reserved?	No			
	ample(s) correctly preserved?	reserved:	NA			
	filtration required and/or requested for dissolved m	netals?	No			
	ase Sample Matrix		110			
	the sample have more than one phase, i.e., multiph	ase?	No			
	s, does the COC specify which phase(s) is to be analysis		NA			
		<i>y</i> 200.	INA			
	ract Laboratory amples required to get sent to a subcontract laborate	0	No			
	amples required to get sent to a subcontract laborator subcontract laboratory specified by the client and	-		bcontract Lab	. N. A	
		ii so wiio:	1471 50	iocomiaci Lao	, NA	
Client I	<u>nstruction</u>					
1						

Date

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

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Marwari 28 CTB 2

Work Order: E508174

Job Number: 01058-0007

Received: 8/15/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 8/18/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

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

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

Date Reported: 8/18/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Marwari 28 CTB 2

Workorder: E508174

Date Received: 8/15/2025 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/15/2025 7:30:00AM, under the Project Name: Marwari 28 CTB 2.

The analytical test results summarized in this report with the Project Name: Marwari 28 CTB 2 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881 Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

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Client Representative

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mgonzales@envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	Keporteu:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	08/18/25 16:54

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS0675'	E508174-01A	Soil	08/13/25	08/15/25	Glass Jar, 2 oz.
FS2175'	E508174-02A	Soil	08/13/25	08/15/25	Glass Jar, 2 oz.
FS3775'	E508174-03A	Soil	08/13/25	08/15/25	Glass Jar, 2 oz.
FS52-1'	E508174-04A	Soil	08/13/25	08/15/25	Glass Jar, 2 oz.
FS55-2'-4'	E508174-05A	Soil	08/13/25	08/15/25	Glass Jar, 2 oz.
FS65-1'-4'	E508174-06A	Soil	08/13/25	08/15/25	Glass Jar, 2 oz.
FS80-4'	E508174-07A	Soil	08/13/25	08/15/25	Glass Jar, 2 oz.
FS82-4'	E508174-08A	Soil	08/13/25	08/15/25	Glass Jar, 2 oz.
SW13-0'-2'	E508174-09A	Soil	08/13/25	08/15/25	Glass Jar, 2 oz.

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/18/2025 4:54:44PM

FS06-.75' E508174-01

	E3001/4-01				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	•		Batch: 2533122
ND	0.0250	1	08/15/25	08/15/25	
ND	0.0250	1	08/15/25	08/15/25	
ND	0.0250	1	08/15/25	08/15/25	
ND	0.0250	1	08/15/25	08/15/25	
ND	0.0500	1	08/15/25	08/15/25	
ND	0.0250	1	08/15/25	08/15/25	
	87.8 %	70-130	08/15/25	08/15/25	
mg/kg	mg/kg mg/kg Analyst: SL			Batch: 2533122	
ND	20.0	1	08/15/25	08/15/25	
	92.5 %	70-130	08/15/25	08/15/25	
mg/kg	mg/kg	Analy	st: NV		Batch: 2533120
584	25.0	1	08/15/25	08/15/25	
227	50.0	1	08/15/25	08/15/25	
	95.7 %	61-141	08/15/25	08/15/25	
mg/kg	mg/kg	Analy	vst: TP		Batch: 2533124
1770	20.0	1	08/15/25	08/16/25	
	mg/kg ND ND ND ND ND ND ND ND THE STATE OF T	Result Reporting mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 87.8 % mg/kg mg/kg mg/kg ND 20.0 92.5 % mg/kg mg/kg mg/kg 584 25.0 227 50.0 95.7 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 87.8 % 70-130 mg/kg mg/kg Analy ND 20.0 1 92.5 % 70-130 mg/kg mg/kg Analy 584 25.0 1 95.7 % 61-141 1 mg/kg mg/kg Analy	Reporting Result Limit Dilution Prepared mg/kg Analyst: SL ND 0.0250 1 08/15/25 mg/kg Malyst: SL ND 0.0250 1 08/15/25 mg/kg mg/kg Analyst: SL ND 0.0250 1 08/15/25 mg/kg mg/kg Analyst: SL ND 0.0250 1 08/15/25 mg/kg mg/kg Analyst: SL ND 0.0210 0.02	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 08/15/25 08/15/25 ND 0.0500 1 08/15/25 08/15/25 ND 0.0250 1 08/15/25 08/15/25 87.8 % 70-130 08/15/25 08/15/25 mg/kg mg/kg Analyst: SL ND 20.0 1 08/15/25 08/15/25 mg/kg mg/kg Analyst: SL 08/15/25 08/15/25 mg/kg mg/kg Analyst: NV 584 25.0 1 08/15/25 08/15/25 95.7 % 61-141 08/15/25 08/15/25 08/15/25 mg/kg mg/kg Analyst: TP

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/18/2025 4:54:44PM

FS21-.75' E508174-02

		E300174-02				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2533122
Benzene	ND	0.0250	1	08/15/25	08/15/25	
Ethylbenzene	ND	0.0250	1	08/15/25	08/15/25	
oluene	ND	0.0250	1	08/15/25	08/15/25	
-Xylene	ND	0.0250	1	08/15/25	08/15/25	
,m-Xylene	ND	0.0500	1	08/15/25	08/15/25	
Total Xylenes	ND	0.0250	1	08/15/25	08/15/25	
iurrogate: 4-Bromochlorobenzene-PID		85.1 %	70-130	08/15/25	08/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2533122
asoline Range Organics (C6-C10)	ND	20.0	1	08/15/25	08/15/25	
urrogate: 1-Chloro-4-fluorobenzene-FID		92.0 %	70-130	08/15/25	08/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2533120
Diesel Range Organics (C10-C28)	ND	25.0	1	08/15/25	08/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/15/25	08/15/25	
Surrogate: n-Nonane		93.1 %	61-141	08/15/25	08/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: TP		Batch: 2533124
Chloride	4100	40.0	2	08/15/25	08/16/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/18/2025 4:54:44PM

FS37-.75' E508174-03

		E3001/4-03				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: SL		Batch: 2533122
Benzene	ND	0.0250	1	08/15/25	08/15/25	
Ethylbenzene	ND	0.0250	1	08/15/25	08/15/25	
Foluene	ND	0.0250	1	08/15/25	08/15/25	
o-Xylene	ND	0.0250	1	08/15/25	08/15/25	
o,m-Xylene	ND	0.0500	1	08/15/25	08/15/25	
Total Xylenes	ND	0.0250	1	08/15/25	08/15/25	
Surrogate: 4-Bromochlorobenzene-PID		83.8 %	70-130	08/15/25	08/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: SL		Batch: 2533122
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/15/25	08/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.7 %	70-130	08/15/25	08/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: NV		Batch: 2533120
Diesel Range Organics (C10-C28)	ND	25.0	1	08/15/25	08/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/15/25	08/15/25	
Surrogate: n-Nonane		94.9 %	61-141	08/15/25	08/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: TP		Batch: 2533124
Chloride	7080	200	10	08/15/25	08/15/25	
Chloride	7080	200	10	08/15/25	08/15/25	



Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/18/2025 4:54:44PM

FS52-1'

E508174-04

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: SL		Batch: 2533122
Benzene	ND	0.0250	1	08/15/25	08/15/25	
Ethylbenzene	ND	0.0250	1	08/15/25	08/15/25	
Toluene	ND	0.0250	1	08/15/25	08/15/25	
o-Xylene	ND	0.0250	1	08/15/25	08/15/25	
p,m-Xylene	ND	0.0500	1	08/15/25	08/15/25	
Total Xylenes	ND	0.0250	1	08/15/25	08/15/25	
Surrogate: 4-Bromochlorobenzene-PID		86.4 %	70-130	08/15/25	08/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2533122
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/15/25	08/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.4 %	70-130	08/15/25	08/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2533120
Diesel Range Organics (C10-C28)	ND	25.0	1	08/15/25	08/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/15/25	08/15/25	
Surrogate: n-Nonane		96.4 %	61-141	08/15/25	08/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: TP		Batch: 2533124
	ND	20.0		08/15/25	08/16/25	



Sample Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/18/2025 4:54:44PM

FS55-2'-4'

		E508174-05					
Reporting							
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2533122	
Benzene	ND	0.0250	1	08/15/25	08/15/25		
Ethylbenzene	ND	0.0250	1	08/15/25	08/15/25		
Toluene	ND	0.0250	1	08/15/25	08/15/25		
o-Xylene	ND	0.0250	1	08/15/25	08/15/25		
p,m-Xylene	ND	0.0500	1	08/15/25	08/15/25		
Total Xylenes	ND	0.0250	1	08/15/25	08/15/25		
Surrogate: 4-Bromochlorobenzene-PID		84.2 %	70-130	08/15/25	08/15/25		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2533122	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/15/25	08/15/25		
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.7 %	70-130	08/15/25	08/15/25		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2533120	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/15/25	08/16/25		
Oil Range Organics (C28-C36)	ND	50.0	1	08/15/25	08/16/25		
Surrogate: n-Nonane		93.6 %	61-141	08/15/25	08/16/25		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: TP		Batch: 2533124	
Chloride	316	20.0	1	08/15/25	08/16/25		



Sample Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/18/2025 4:54:44PM

FS65-1'-4' E508174-06

	1300174 00				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	yst: SL		Batch: 2533122
ND	0.0250	1	08/15/25	08/15/25	
ND	0.0250	1	08/15/25	08/15/25	
ND	0.0250	1	08/15/25	08/15/25	
ND	0.0250	1	08/15/25	08/15/25	
ND	0.0500	1	08/15/25	08/15/25	
ND	0.0250	1	08/15/25	08/15/25	
	84.8 %	70-130	08/15/25	08/15/25	
mg/kg	mg/kg	Analy	yst: SL		Batch: 2533122
ND	20.0	1	08/15/25	08/15/25	
	92.0 %	70-130	08/15/25	08/15/25	
mg/kg	mg/kg	Analy	yst: NV		Batch: 2533120
ND	25.0	1	08/15/25	08/16/25	
ND	50.0	1	08/15/25	08/16/25	
	93.2 %	61-141	08/15/25	08/16/25	
mg/kg	mg/kg	Analy	yst: TP		Batch: 2533124
777	20.0	1	08/15/25	08/16/25	
	mg/kg ND Mg/kg ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 84.8 % mg/kg MD 20.0 92.0 % mg/kg ND 25.0 ND 50.0 93.2 % mg/kg mg/kg mg/kg	mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 84.8 % 70-130 mg/kg mg/kg Analy ND 20.0 1 92.0 % 70-130 1 mg/kg mg/kg Analy ND 25.0 1 ND 50.0 1 93.2 % 61-141 61-141 mg/kg mg/kg Analy	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 08/15/25 ND 0.0250 1 08/15/25 ND 0.0250 1 08/15/25 ND 0.0500 1 08/15/25 ND 0.0250 1 08/15/25 ND 0.0250 1 08/15/25 mg/kg mg/kg Analyst: SL mg/kg mg/kg Analyst: SL ND 20.0 1 08/15/25 mg/kg mg/kg Analyst: NV ND 25.0 1 08/15/25 ND 50.0 1 08/15/25 ND 50.0 1 08/15/25 mg/kg Mg/ls/25 Analyst: NV	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 08/15/25 08/15/25 ND 0.0500 1 08/15/25 08/15/25 ND 0.0250 1 08/15/25 08/15/25 84.8 % 70-130 08/15/25 08/15/25 mg/kg mg/kg Analyst: SL ND 20.0 1 08/15/25 08/15/25 mg/kg mg/kg Analyst: NV ND 25.0 1 08/15/25 08/16/25 ND 25.0 1 08/15/25 08/16/25 ND 50.0 1 08/15/25 08/16/25 ND 50.0 1 08/15/25 08/16/25 mg/kg



Sample Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/18/2025 4:54:44PM

FS80-4'

		E508174-07						
Reporting								
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes		
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2533122		
Benzene	ND	0.0250	1	08/15/25	08/15/25			
Ethylbenzene	ND	0.0250	1	08/15/25	08/15/25			
Toluene	ND	0.0250	1	08/15/25	08/15/25			
o-Xylene	ND	0.0250	1	08/15/25	08/15/25			
p,m-Xylene	ND	0.0500	1	08/15/25	08/15/25			
Total Xylenes	ND	0.0250	1	08/15/25	08/15/25			
Surrogate: 4-Bromochlorobenzene-PID		84.8 %	70-130	08/15/25	08/15/25			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2533122		
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/15/25	08/15/25			
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.0 %	70-130	08/15/25	08/15/25			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2533120		
Diesel Range Organics (C10-C28)	ND	25.0	1	08/15/25	08/16/25			
Oil Range Organics (C28-C36)	ND	50.0	1	08/15/25	08/16/25			
Surrogate: n-Nonane		96.8 %	61-141	08/15/25	08/16/25			
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: TP		Batch: 2533124		
Chloride	29.2	20.0	1	08/15/25	08/16/25			



Chloride

Sample Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/18/2025 4:54:44PM

FS82-4'

		E508174-08				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2533122
Benzene	ND	0.0250	1	08/15/25	08/15/25	
Ethylbenzene	ND	0.0250	1	08/15/25	08/15/25	
Toluene	ND	0.0250	1	08/15/25	08/15/25	
o-Xylene	ND	0.0250	1	08/15/25	08/15/25	
p,m-Xylene	ND	0.0500	1	08/15/25	08/15/25	
Total Xylenes	ND	0.0250	1	08/15/25	08/15/25	
Surrogate: 4-Bromochlorobenzene-PID		86.5 %	70-130	08/15/25	08/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2533122
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/15/25	08/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.0 %	70-130	08/15/25	08/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2533120
Diesel Range Organics (C10-C28)	ND	25.0	1	08/15/25	08/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/15/25	08/16/25	
Surrogate: n-Nonane		93.7 %	61-141	08/15/25	08/16/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: TP		Batch: 2533124

20.0

ND

08/15/25

08/16/25



Sample Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/18/2025 4:54:44PM

SW13-0'-2' E508174-09

Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	lyst: SL		Batch: 2533122
ND	0.0250	1	08/15/25	08/15/25	
ND	0.0250	1	08/15/25	08/15/25	
ND	0.0250	1	08/15/25	08/15/25	
ND	0.0250	1	08/15/25	08/15/25	
ND	0.0500	1	08/15/25	08/15/25	
ND	0.0250	1	08/15/25	08/15/25	
	85.7 %	70-130	08/15/25	08/15/25	
mg/kg	mg/kg	Anal	yst: SL		Batch: 2533122
ND	20.0	1	08/15/25	08/15/25	
	93.6 %	70-130	08/15/25	08/15/25	
mg/kg	mg/kg	Anal	yst: NV		Batch: 2533120
ND	25.0	1	08/15/25	08/16/25	
ND	50.0	1	08/15/25	08/16/25	
	94.6 %	61-141	08/15/25	08/16/25	
mg/kg	mg/kg	Anal	yst: TP		Batch: 2533124
3320	40.0	2	08/15/25	08/16/25	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 MD 20.0250 MB/kg mg/kg MB/kg mg/kg ND 25.0 ND 50.0 94.6 % mg/kg mg/kg mg/kg	Result Limit Dilution mg/kg mg/kg Anal ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 20.0250 1 MB/kg mg/kg Anal MD 20.0 1 MB/kg mg/kg Anal ND 25.0 1 ND 50.0 1 MB/kg 61-141 MB/kg	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 08/15/25 ND 0.0250 1 08/15/25 ND 0.0250 1 08/15/25 ND 0.0250 1 08/15/25 ND 0.0500 1 08/15/25 ND 0.0250 1 08/15/25 mg/kg mg/kg Analyst: SL mg/kg mg/kg Analyst: SL ND 20.0 1 08/15/25 mg/kg mg/kg Analyst: NV ND 25.0 1 08/15/25 ND 50.0 1 08/15/25 ND 50.0 1 08/15/25 Mg/kg Mg/kg Analyst: NV	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 08/15/25 08/15/25 ND 0.0500 1 08/15/25 08/15/25 ND 0.0250 1 08/15/25 08/15/25 85.7 % 70-130 08/15/25 08/15/25 mg/kg mg/kg Analyst: SL ND 20.0 1 08/15/25 08/15/25 mg/kg mg/kg Analyst: NV ND 25.0 1 08/15/25 08/16/25 ND 25.0 1 08/15/25 08/16/25 ND 50.0 1 08/15/25 08/16/25 ND 50.0 1 08/15/25 08/16/25 mg/kg



QC Summary Data

		QC 50	41111114	iry Dat	a				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:	01	arwari 28 CT 058-0007 shley Gioven					Reported: 8/18/2025 4:54:44PM
		Volatile O	rganics b	y EPA 802	21B				Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2533122-BLK1)							Prepared: 0	8/15/25 A	nalyzed: 08/15/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.86		8.00		85.8	70-130			
LCS (2533122-BS1)							Prepared: 0	8/15/25 A	nalyzed: 08/15/25
Benzene	4.78	0.0250	5.00		95.7	70-130			
Ethylbenzene	4.62	0.0250	5.00		92.5	70-130			
Toluene	4.74	0.0250	5.00		94.8	70-130			
-Xylene	4.70	0.0250	5.00		94.0	70-130			
o,m-Xylene	9.39	0.0500	10.0		93.9	70-130			
Total Xylenes	14.1	0.0250	15.0		93.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.91		8.00		86.4	70-130			
Matrix Spike (2533122-MS1)				Source:	E508174-	08	Prepared: 0	8/15/25 A	nalyzed: 08/15/25
Benzene	4.70	0.0250	5.00	ND	94.0	70-130			
Ethylbenzene	4.54	0.0250	5.00	ND	90.8	70-130			
Toluene	4.66	0.0250	5.00	ND	93.2	70-130			
o-Xylene	4.59	0.0250	5.00	ND	91.8	70-130			
o,m-Xylene	9.24	0.0500	10.0	ND	92.4	70-130			
Total Xylenes	13.8	0.0250	15.0	ND	92.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.91		8.00		86.4	70-130			
Matrix Spike Dup (2533122-MSD1)				Source:	E508174-	08	Prepared: 0	8/15/25 A	nalyzed: 08/15/25
Benzene	4.62	0.0250	5.00	ND	92.4	70-130	1.73	27	
F.1. #	4.47		5.00	A IIID	00.2	70 120	1.64	26	

4.47

4.58

4.50

9.07

13.6

6.77

0.0250

0.0250

0.0250

0.0500

0.0250

5.00

5.00

5.00

10.0

15.0

8.00

ND

ND

ND

ND

ND

89.3

91.5

90.0

90.7

90.5

70-130

70-130

70-130

70-130

70-130

70-130

1.64

1.81

1.99

1.81

1.87

26 20

25 23

26



Ethylbenzene

Toluene

o-Xylene

p,m-Xylene Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/18/2025 4:54:44PM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go			8	/18/2025 4:54:44PM
	Non	halogenated	Organics	by EPA 80	15D - Gl	RO			Analyst: SL
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2533122-BLK1)							Prepared: 0	8/15/25 Ana	alyzed: 08/15/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.42		8.00		92.8	70-130			
LCS (2533122-BS2)							Prepared: 0	8/15/25 Ana	alyzed: 08/15/25
Gasoline Range Organics (C6-C10)	42.3	20.0	50.0		84.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.49		8.00		93.6	70-130			
Matrix Spike (2533122-MS2)				Source:	E508174-	08	Prepared: 0	8/15/25 Ana	alyzed: 08/15/25
Gasoline Range Organics (C6-C10)	45.2	20.0	50.0	ND	90.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.45		8.00		93.2	70-130			
Matrix Spike Dup (2533122-MSD2)				Source:	E508174-	08	Prepared: 0	8/15/25 Ana	alyzed: 08/15/25
Gasoline Range Organics (C6-C10)	40.0	20.0	50.0	ND	80.0	70-130	12.3	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.58		8.00		94.7	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/18/2025 4:54:44PM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go				8/18/2025 4:54:44PN
	Nonha	logenated Or	ganics by l	EPA 8015I) - DRO	/ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2533120-BLK1)							Prepared: 0	8/15/25 Aı	nalyzed: 08/15/25
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.4		50.0		94.8	61-141			
LCS (2533120-BS1)							Prepared: 0	8/15/25 Aı	nalyzed: 08/15/25
Diesel Range Organics (C10-C28)	274	25.0	250		110	66-144			
Surrogate: n-Nonane	52.5		50.0		105	61-141			
Matrix Spike (2533120-MS1)				Source:	E508174-	03	Prepared: 0	8/15/25 Aı	nalyzed: 08/15/25
Diesel Range Organics (C10-C28)	264	25.0	250	ND	106	56-156			
Surrogate: n-Nonane	50.1		50.0		100	61-141			
Matrix Spike Dup (2533120-MSD1)				Source:	E508174-	03	Prepared: 0	8/15/25 Aı	nalyzed: 08/15/25
Diesel Range Organics (C10-C28)	251	25.0	250	ND	100	56-156	5.15	20	
Surrogate: n-Nonane	49.5		50.0		98.9	61-141			

Chloride

M4

QC Summary Data

Devon Energy - Carlsbad		Project Name:		Iarwari 28 CT	B 2				Reported:
6488 7 Rivers Hwy Artesia NM, 88210		Project Number: Project Manager		1058-0007 shley Gioveng	go				8/18/2025 4:54:44PM
		Anions	by EPA	300.0/9056 <i>A</i>	4				Analyst: TP
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2533124-BLK1)							Prepared: 0	8/15/25 A	nalyzed: 08/15/25
Chloride	ND	20.0							
LCS (2533124-BS1)							Prepared: 0	8/15/25 A	nalyzed: 08/15/25
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2533124-MS1)				Source:	E508174-	03	Prepared: 0	8/15/25 A	nalyzed: 08/15/25
Chloride	8020	200	250	7080	379	80-120			M4
Matrix Spike Dup (2533124-MSD1)				Source:	E508174-	03	Prepared: 0	8/15/25 A	nalyzed: 08/15/25

250

200

7080

667

80-120

8.60

8740

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

	Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
ı	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
l	Artesia NM, 88210	Project Manager:	Ashley Giovengo	08/18/25 16:54

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.



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

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

	Clie	nt Info	rmat	tion		Invo	e Information				La	b Us	e Or	ıly				T	AT		State
Client: D						Company: Dev	n Energy	[Lab	WO	# .			Num		_	1D		3D St	MM I	CO UT T
	Marwari 28		4			Address: 5315	uena Vista Dr Carlsbad NM, 88220	- 4	F 2	207	317	4	010	528	.000	2		X		x	
	Manager: As 3122 Natio					Phone: (575)689		-	1		-	_	Ana	lvsis	and	Met	hod	-		EF	A Program
	e, Zip: Carl					Email: jim.raley														SDWA	CWA
	75-988-005					Miscellaneous: Ji	n Raley			()											
Email: ag	giovengo@e	ensolun	n.cor	n						8015	8015			0		10				Complian PWSID #	ce Y d
					Sample Info	ormation				RO by	RO by	, 8021	8260	e 300.(XT - 20	Metal		NM	*		
Time Sampled	Date Sampled	Matrix	×	No. of Containers		Sample ID	Field	Lab Numl	b ber	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX	Samle Temp	Remar
1425	8/13/25	5		1	150	675		1										v		4.9	
1321	1	1		1	F52	1-115-		2)									5		4.5	
1524					F53	1-,75		3												3.2	
0159					1552	1'		4												4.7	
3856					1555	1-2-4		5)											4.4	
1/45					1565	-1'-4'		6						7				1		4.6	
5741					1580	-4-		7												4.1	
0744					1582	41		8												4.0	
0156	1	1		1	Sw13	-0-9		9										1		4.9	
Addition	al Instruction	ons:	Pleas	se CC: c	burton@ensolu	m.com, agiovengo@	ensolum.com, jim.ral	ey@dv	n.co	om, i	iestre	ella@	ens	olum	.com	, cha	amilt	on@	ensolur	n.com,	
bmoir@	ensolum.co	m, jhin	kle@	ensolu	ım.com, akone@	ensolum.com, igon	ales@ensolum.com,	mccau	ley	@en	solu	n.co	m	2.16			3			16-21-20	
	pler), attest to ti :Jenna Hinki		Er	uthenticity P	of this sample. I am a	ware that tampering with o	intentionally mislabeling the s	ampie loc	ation	, date	or tim	e of co	nectio	ii is co	nsidere	ed Irau	d and i	may b	e grounds f	or legal action.	
	ed by: (Signatu				Date 111 125	Time	Received by: (Signature)	singo	de	8	Date	-14	-7.	5	Time	57	(D)		pr		equiring the
Relinguish	ed by: (Signatu	reGov	y	rles	8-14-2S	Time 145	Received by: (Signature)	- C	. 0		Date	.14	6.2	5	Time	4	1/5	5	ic	e the day th	ney are samp ed on ice at
Relinquish	ed by: (Signatu	ire)	a E	a.	\$-14-25	1840	Andrew Andrew	Mi	W	SA	Day	3.1	4:	25	Time	19	84	10	- 1	above 0 bu	t less than 6 quent days.
Relinquish	A) YOUR	Ali	11	SO.	8.14.25	Time 1330	Received by: (Signature)	m			Date			-	Time						Use Only
Relinquish	ed by: (Signati	ire)			Date	Time	And Signature)	TALO	W	1	Date	1.15	5.2	2	Time	10	0		-		ved on ice:

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 Inc.

Printed: 8/15/2025 10:24:59AM

Envirotech Analytical Laboratory

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:	Devon Energy - Carlsbad	Date Received:	08/15/25	07:30	Work Order ID:	E508174
Phone:	(505) 382-1211	Date Logged In:	08/14/25	16:46	Logged In By:	Noe Soto
Email:	agiovengo@ensolum.com	Due Date:	08/18/25	07:00 (1 day TAT)		
Chain of	Custody (COC)					
	he sample ID match the COC?		Yes			
	he number of samples per sampling site location ma	tch the COC	Yes			
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: Courier		
4. Was th	e COC complete, i.e., signatures, dates/times, reque	ested analyses?	Yes			
5. Were a	Ill samples received within holding time? Note: Analysis, such as pH which should be conducted i.e, 15 minute hold time, are not included in this disucss		Yes		<u>Comment</u>	ts/Resolution
Sample 7	<u>Furn Around Time (TAT)</u>					
	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample (
	sample cooler received?		Yes			
	was cooler received in good condition?		Yes			
9. Was th	e sample(s) received intact, i.e., not broken?		Yes			
	custody/security seals present?					
	were custody/security seals intact?		No			
			NA			
	ne sample received on ice? Note: Thermal preservation is not required, if samples a 15 minutes of sampling COC for individual sample temps. Samples outside		Yes	in comments		
	• • •	of 0 C-0 C will be	recorded	in comments.		
	Container		NT-			
	queous VOC samples present?		No NA			
	/OC samples collected in VOA Vials?		NA NA			
	head space less than 6-8 mm (pea sized or less)?					
	a trip blank (TB) included for VOC analyses?	0	NA			
	on-VOC samples collected in the correct container		Yes			
	appropriate volume/weight or number of sample conta	iners collected?	Yes			
Field La						
	field sample labels filled out with the minimum infample ID?	ormation:	Yes			
	Date/Time Collected?		Yes			
	Collectors name?		Yes			
Sample I	Preservation_		103			
_	the COC or field labels indicate the samples were p	reserved?	No			
22. Are s	ample(s) correctly preserved?		NA			
	filtration required and/or requested for dissolved n	netals?	No			
Multinha	ase Sample Matrix					
	the sample have more than one phase, i.e., multiph	ase?	No			
	s, does the COC specify which phase(s) is to be ana		NA			
		,, 2001	11/1			
	ract Laboratory	0	3.7			
	amples required to get sent to a subcontract laborate a subcontract laboratory specified by the client and	-	No NA	Subcontract Lab: NA		
Client I	<u>nstruction</u>					

Date

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

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Marwari 28 CTB 2

Work Order: E508251

Job Number: 01058-0007

Received: 8/22/2025

Revision: 0

Report Reviewed By:

Draft Walter Hinchman Laboratory Director 8/25/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

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

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

Date Reported: 8/25/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Marwari 28 CTB 2

Workorder: E508251

Date Received: 8/22/2025 3:50:00PM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/22/2025 3:50:00PM, under the Project Name: Marwari 28 CTB 2.

The analytical test results summarized in this report with the Project Name: Marwari 28 CTB 2 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881 Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

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Michelle Gonzales

Client Representative

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Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Devon Energy - Carlsba	Project Name:	Marwari 28 CTB 2	Donouted
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	08/25/25 14:19

Client Sample ID	Lab Sample ID Matrix	Sampled Received	Container
BF02	E508251-01A Soil	08/22/25 08/22/25	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/25/2025 2:19:18PM

BF02 E508251-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: SL		Batch: 2535001
Benzene	ND	0.0250	1	08/24/25	08/24/25	
Ethylbenzene	ND	0.0250	1	08/24/25	08/24/25	
Toluene	ND	0.0250	1	08/24/25	08/24/25	
o-Xylene	ND	0.0250	1	08/24/25	08/24/25	
p,m-Xylene	ND	0.0500	1	08/24/25	08/24/25	
Total Xylenes	ND	0.0250	1	08/24/25	08/24/25	
Surrogate: 4-Bromochlorobenzene-PID		86.5 %	70-130	08/24/25	08/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2535001
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/24/25	08/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.3 %	70-130	08/24/25	08/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: NV		Batch: 2535003
Diesel Range Organics (C10-C28)	ND	25.0	1	08/25/25	08/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/25/25	08/25/25	
Surrogate: n-Nonane		78.5 %	61-141	08/25/25	08/25/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: DT		Batch: 2535005
Chloride	ND	20.0	1	08/25/25	08/25/25	



OC Summary Data

		QC 5	umma	ny Dat	а				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:	01	arwari 28 CT 058-0007 shley Gioven					Reported: 8/25/2025 2:19:18PM
		Volatile O	rganics b	y EPA 802	21B				Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2535001-BLK1)							Prepared: 0	8/24/25 A	analyzed: 08/24/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
p-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.76		8.00		84.5	70-130			
LCS (2535001-BS1)							Prepared: 0	8/24/25 A	analyzed: 08/24/25
Benzene	5.23	0.0250	5.00		105	70-130			
Ethylbenzene	5.08	0.0250	5.00		102	70-130			
Toluene	5.18	0.0250	5.00		104	70-130			
p-Xylene	5.08	0.0250	5.00		102	70-130			
o,m-Xylene	10.3	0.0500	10.0		103	70-130			
Total Xylenes	15.4	0.0250	15.0		103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.99		8.00		87.4	70-130			
Matrix Spike (2535001-MS1)				Source:	E508254-	02	Prepared: 0	8/24/25 A	analyzed: 08/24/25
Benzene	5.21	0.0250	5.00	ND	104	70-130			
Ethylbenzene	5.09	0.0250	5.00	ND	102	70-130			
Toluene	5.18	0.0250	5.00	ND	104	70-130			
p-Xylene	5.05	0.0250	5.00	ND	101	70-130			
o,m-Xylene	10.3	0.0500	10.0	ND	103	70-130			
Total Xylenes	15.4	0.0250	15.0	ND	102	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.18		8.00		89.8	70-130			
Matrix Spike Dup (2535001-MSD1)				Source:	E508254-	02	Prepared: 0	8/24/25 A	analyzed: 08/24/25
Benzene	5.16	0.0250	5.00	ND	103	70-130	0.858	27	

5.00

5.11

4.96

10.1

15.1

6.84

0.0250

0.0250

0.0250

0.0500

0.0250

5.00

5.00

5.00

10.0

15.0

8.00

ND

ND

ND

ND

ND

100

102

99.2

101

101

85.5

70-130

70-130

70-130

70-130

70-130

70-130

1.78

1.29

1.88

1.69

1.75

26

20

25 23

26



Toluene

o-Xylene

p,m-Xylene Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Ethylbenzene

QC Summary Data

		<u> </u>	
Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	•
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/25/2025 2:19:18PM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go			8/2	5/2025 2:19:18PM
	Non	halogenated	Organics l	by EPA 80	15D - Gl	RO			Analyst: SL
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2535001-BLK1)							Prepared: 0	8/24/25 Analy	yzed: 08/24/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.51		8.00		93.9	70-130			
LCS (2535001-BS2)							Prepared: 0	8/24/25 Analy	yzed: 08/24/25
Gasoline Range Organics (C6-C10)	51.6	20.0	50.0		103	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.62		8.00		95.2	70-130			
Matrix Spike (2535001-MS2)				Source:	E508254-	02	Prepared: 0	8/24/25 Analy	yzed: 08/24/25
Gasoline Range Organics (C6-C10)	53.1	20.0	50.0	ND	106	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.49		8.00		93.7	70-130			
Matrix Spike Dup (2535001-MSD2)				Source:	E508254-	02	Prepared: 0	8/24/25 Analy	yzed: 08/24/25
Gasoline Range Organics (C6-C10)	54.0	20.0	50.0	ND	108	70-130	1.60	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.54		8.00		94.2	70-130			

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

	Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
١	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
	Artesia NM, 88210	Project Manager:	Ashley Giovengo	08/25/25 14:19

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.





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	Devan				Company: D	evan tren	44		Lab \	WO#	!	_	Job	Num	ber		1D	2D	3D	Std		NΛ	CO UT	TX
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Project N	Nanager: 🖈	sucy	Giov	engo	City, State, Zip:	:	_	_ [•												
Address:		<u> </u>			Phone:			—1					Ana	alysis	and	Met	thod					EP	A Progra	am
City, Stat	e, Zip:				Email:																SD	WA	CWA	RCRA
Phone:					Miscellaneous:											1								
Email:										115	8015										Com	plianc	e Y	or N
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				Sample Infor	mation					ROb	ROb	8	826	8	8	ž	l	ž			ole	٩		-
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID		Field	Lal Num	b ber	DRO/ORO by 8015	GRO/DRO by	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 · TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Samp	Temp	Ren	narks
1145	8/22/25	4611	(BF02			1		-								义			2.	4		
1115	07- 1-0	7011	\ \ -		010-		+	\								<u> </u>					<u> </u>	\vdash		
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Addition	al Instructio	ons:																						
	oler), attest to the	e validity and	authenticity	of this sample. I am awar	e that tampering with or	r intentionally mislabeling					time o	f collec	ction is	consid	dered f	raud a	ind ma	y be g	rounds	for leg	al actio	n.		
لايہ	ed by: (Signatur	<u>ب</u>		Date 9/22/25	Time 12:45	Received by: (Signat Mariasa Received by: (Signat	ure)	zsi	les		Date 8	22-	24	5	Time	24	15						quiring th	ermal ceived on
Relinquish	ed by: (Signatur	e)	۸,	8-22-25	Time 550	Received by: (Signat	ure)	۲			B.	·22	.25		Time							•	ey are sai	mpled or at a temp
	ed by: (Signatur		-	Date	Time	Received by: (Signat	ure)				Date				Time						bove	0 but	less than	6°C on
Relinquish	ed by: (Signatur	e)		Date	Time	Received by: (Signat	ure)	•			Date				Time			-				Lab l	Jse Only	
Relinquish	ed by: (Signatur	e)	···	Date	Time	Received by: (Signat	ure)				Date				Time						R		ed on ic	e:
Sample Mas	rix: S - Soil, Sd - S	olid Sa - Shu	dee A - Agus	Ous O - Other	1		ICon	tainer	Type	· a - c	lace	n - r	กไข/กไ	actic	20 -	ambo	r glad	SC 1/ -	VOA	<u> </u>				
					her arrangements are	made. Hazardous samp															analv	sis of ti	he above s	amples 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 Inc.

Printed: 8/25/2025 9:00:02AM

Envirotech Analytical Laboratory

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:	Devon Energy - Carlsbad	Date Received:	08/22/25	15:50		Work Or	der ID:	E508251
Phone:	(505) 382-1211	Date Logged In:	08/22/25	14:23		Logged	In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	08/25/25	07:00 (1	day TAT)		•	
Chain of	Custody (COC)							
1. Does t	he sample ID match the COC?		Yes					
2. Does t	he number of samples per sampling site location ma	atch the COC	Yes					
3. Were s	amples dropped off by client or carrier?		Yes		Carrier: Couri	<u>ier</u>		
4. Was th	e COC complete, i.e., signatures, dates/times, reque	ested analyses?	Yes					
5. Were a	all samples received within holding time?		Yes					
	Note: Analysis, such as pH which should be conducted i.e, 15 minute hold time, are not included in this disucss	•				<u>C</u>	ommen	ts/Resolution
Sample 7	<u> Furn Around Time (TAT)</u>							
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes					
Sample (<u>Cooler</u>							
7. Was a	sample cooler received?		Yes					
8. If yes,	was cooler received in good condition?		Yes					
9. Was th	e 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 th	ne sample received on ice?		Yes					
	Note: Thermal preservation is not required, if samples a	re received within	105					
	15 minutes of sampling							
13. See C	COC for individual sample temps. Samples outside	of 0°C-6°C will be	recorded	in comr	nents.			
Sample (<u>Container</u>							
14. Are a	queous VOC samples present?		No					
15. Are V	OC samples collected in VOA Vials?		NA					
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA					
17. Was a	a trip blank (TB) included for VOC analyses?		NA					
18. Are n	on-VOC samples collected in the correct container	s?	Yes					
19. Is the	appropriate volume/weight or number of sample conta	iners collected?	Yes					
Field La	<u>bel</u>							
	field sample labels filled out with the minimum in	formation:						
	ample ID?		Yes					
	Oate/Time Collected? Collectors name?		Yes					
	Preservation		Yes					
	the COC or field labels indicate the samples were	recerved?	No					
	ample(s) correctly preserved?	oreserved:	NA					
	filtration required and/or requested for dissolved n	netals?	No					
	1	ictais:	110					
	ase Sample Matrix	9	3.7					
	the sample have more than one phase, i.e., multiph		No					
27. If yes	s, does the COC specify which phase(s) is to be ana	lyzed?	NA					
Subcont	ract Laboratory							
	amples required to get sent to a subcontract laborat	•	No					
29. Was a	a subcontract laboratory specified by the client and	if so who?	NA	Subco	ntract Lab: NA	4		
Client I	<u>nstruction</u>							
L								

Date

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



APPENDIX F

NMOCD Correspondence

Attachments:

From: Wells, Shelly, EMNRD

To: <u>Cole Burton</u>

Cc: <u>Bratcher, Michael, EMNRD; Raley, Jim; Ashley Giovengo</u>

Subject: RE: [EXTERNAL] Confirmation Sampling Variance - Marwari 28 CTB 2 - Incident Numbers nAPP2506428775

Date: Thursday, July 10, 2025 11:52:28 AM

image001.png image002.png

image003.png

[**EXTERNAL EMAIL**]

Good afternoon Cole,

The variance request to collect confirmation samples at a frequency of no more than 400 ft2 and sidewall samples no more than 200 ft2 is approved for NAPP2506428775 MARWARI 28 CTB 2 . Please include a copy of this and all notifications in the closure report to ensure the notifications are documented in the project file.

Kind regards,

Shelly

Shelly Wells * Environmental Specialist-Advanced

Environmental Bureau

EMNRD-Oil Conservation Division

1220 S. St. Francis Drive|Santa Fe, NM 87505

(505)469-7520 Shelly.Wells@emnrd.nm.gov

http://www.emnrd.state.nm.us/OCD/

From: Cole Burton <cburton@ensolum.com> Sent: Thursday, July 10, 2025 10:56 AM

To: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>

Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>

Subject: RE: [EXTERNAL] Confirmation Sampling Variance - Marwari 28 CTB 2 - Incident Numbers

nAPP2506428775

Sorry about that. I must have forgotten to attach it.



From: Wells, Shelly, EMNRD < Shelly. Wells@emnrd.nm.gov>

Sent: Thursday, July 10, 2025 9:06 AM **To:** Cole Burton com

Cc: Bratcher, Michael, EMNRD < mike.bratcher@emnrd.nm.gov>

Subject: RE: [EXTERNAL] Confirmation Sampling Variance - Marwari 28 CTB 2 - Incident Numbers

nAPP2506428775

[**EXTERNAL EMAIL**]

Hi Cole,

Just looking at the attached Figure 2 I see all delineation soil samples in compliance with closure criteria therefore it does not seem like the sampling area will be that large. What is missing, is Table 1 which you say you attached. Can you please send this to aid in my review of your variance request?

Kind regards,

Shelly

Shelly Wells * Environmental Specialist-Advanced

Environmental Bureau

EMNRD-Oil Conservation Division

1220 S. St. Francis Drive|Santa Fe, NM 87505

(505)469-7520 Shelly.Wells@emnrd.nm.gov

http://www.emnrd.state.nm.us/OCD/

From: Cole Burton < <u>cburton@ensolum.com</u>>

Sent: Wednesday, July 9, 2025 12:42 PM

To: Enviro, OCD, EMNRD < OCD. Enviro@emnrd.nm.gov>; Raley, Jim < Jim.Raley@dvn.com>

Cc: Ashley Giovengo agiovengo@ensolum.com>

Subject: [EXTERNAL] Confirmation Sampling Variance - Marwari 28 CTB 2 - Incident Numbers

nAPP2506428775

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Hello,

Devon Energy Production Company, LP (Devon) is requesting a confirmation sampling variance at the Marwari 28 CTB 2 (Site). On March 04, 2025, a piping nipple on a water transfer pump developed a pinhole leak which resulted in the release of approximately 34 barrels (bbls) of produced water onto the caliche pad and the adjoining pasture east of the pad; 31 bbls of produced water were recovered from the release area. Devon reported the release to the New Mexico Oil Conservation Division (NMOCD) on March 05, 2025, and subsequently the release was assigned Incident Number nAPP2506428775. The release impacted an area approximately 17,106 square feet (sq. ft.) on-pad and an area approximately 5,171 square feet in size off-pad on Federal Land managed by the Bureau of Land Management. Devon completed a depth to water boring (DTW) on June 17, 2025, to a depth of 110 feet below ground surface (bgs) in order to establish DTW within a half mile radius of the Site. A desktop review for potential site receptors has been completed and the site is greater than 1,000 ft. to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine (see Figure 1). The closest significant watercourse is an intermittent dry wash located approximately 0.7 miles west of the Site. The Site is not underlain by unstable geology (low potential karst designation area) and there are no indicators of surface or subsurface karst features observed at or around the Site. Based on the results of the desktop review and the completion of the DTW determination, the following Site Closure Criteria will apply: 10 mg/kg benzene, 50 mg/kg BTEX, 1,000 mg/kg TPH – Gasoline Range Organics (GRO) and TPH – Diesel Range Organics (DRO), 2,500 mg/kg Total TPH and 20,000 mg/kg chloride.

Lateral and vertical delineation soil sampling has been completed in accordance with the strictest Closure Criteria per NMOCD Table I (see Figure 2). Sixteen lateral delineation soil sample locations (SS01 through SS13 and SS20 through SS22) were collected from around the release extent at ground surface and 1-foot bgs and all were in compliance with the strictest Closure Criteria. Vertical delineation soil sample location BH06 and BH23 were in compliance with the strictest Closure Criteria at ground surface and at a depth of 1-foot bgs, 2 feet bgs in BH04 and BH08 and 3 ft bgs in BH09 (see Table 1). Vertical delineation soil sample locations BH07 and BH10 were in compliance with Site closure Criteria and will be completed to strictest Closure Criteria during the excavation process. Eleven vertical delineation soil sample locations (BH11 through BH14 and BH16 through BH22) were collected from off-pad area at ground surface and a depth of 0.5 feet bgs to check for any potential overspray and all were in compliance with the strictest Site Closure Criteria. Devon would like to request a confirmation sampling variance for excavation floor samples collected every 400 sq. ft. from the floor of the excavation and every 200 sq. ft. from the sidewalls of the excavation where applicable. Devon is in the process of selecting a subcontractor to complete remediation activities and will submit a remediation work plan or closure report required in 19.15.29.12.B.(1) NMAC following excavation and confirmation sampling activities. Due to the size of the impacted area, and a regional depth to groundwater greater than 110 ft bgs, Devon believes this variance request will provide equal or better protection of public health, the environment. Devon respectfully requests approval for this variance request associated with Incident Number (nAPP2506428775).

Thanks,



From: Wells, Shelly, EMNRD

To: Cole Burton; Raley, Jim

Cc: Ashley Giovengo; Bratcher, Michael, EMNRD

Subject: RE: [EXTERNAL] Extension Request - Devon Energy Production Company, LP - Marwari 28 CTB 2 -

nAPP2506428775

Date: Friday, May 30, 2025 8:57:40 AM

Attachments: image001.png

image002.png image003.png

[**EXTERNAL EMAIL**]

Good morning Cole,

The extension request for NAPP2506428775 MARWARI 28 CTB 2 is approved. The new due date to submit your updated remediation plan or closure report to the OCD is September 1, 2025. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Kind regards,

Shelly

Shelly Wells * Environmental Specialist-Advanced

Environmental Bureau

EMNRD-Oil Conservation Division

1220 S. St. Francis Drive|Santa Fe, NM 87505

(505)469-7520 Shelly.Wells@emnrd.nm.gov

http://www.emnrd.state.nm.us/OCD/

From: Cole Burton <cburton@ensolum.com>

Sent: Friday, May 30, 2025 8:12 AM

To: Enviro, OCD, EMNRD < OCD.Enviro@emnrd.nm.gov>; Raley, Jim < Jim.Raley@dvn.com>

Cc: Ashley Giovengo <agiovengo@ensolum.com>

Subject: [EXTERNAL] Extension Request - Devon Energy Production Company, LP - Marwari 28 CTB 2

- nAPP2506428775

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Hello all.

Devon Energy Production Company, LP (Devon) is requesting an extension for the

current deadline of June 2, 2025, for submitting a remediation work plan or closure report required in 19.15.29.12.B.(1) NMAC at the Marwari 28 CTB 2 (Site) (Incident Number nAPP2506428775). The release occurred on March 4, 2025, and impacted an area within a lined containment, on-pad approximately 15,812 square feet in size and a mist zone off-pad approximately 136,977 square feet in size. A liner inspection was completed on March 25, 2025, and was determined that the liner remained intact. Lateral and vertical delineation soil sampling in accordance with the strictest Closure Criteria per NMOCD Table I criteria has been completed at the Site and the off-pad mist zone was determined to have minimal contamination. A desktop environmental review and Sundry have been completed for the off-pad area and it was determined that there are no environmental mitigations. Excavation of the subject matter release will begin as soon as Devon selects a subcontractor to complete excavation activities. Depth to water (DTW) in the area is believed to be greater than 100 feet below ground surface (bgs) and a DTW boring will be completed within 0.5 miles to confirm that water is greater than 100 feet bgs. Devon intends to submit a remediation work plan or closure report upon receiving final laboratory analytical data from confirmation sampling activities. Devon respectfully requests a 90-day extension until August 31, 2025. Please let me know if you have any further questions regarding this site.

Thanks,



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 490749

QUESTIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	490749
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2506428775
Incident Name	NAPP2506428775 MARWARI 28 CTB 2 @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2123136202] MARWARI 28 CTB 2

Location of Release Source	
Site Name	MARWARI 28 CTB 2
Date Release Discovered	03/04/2025
Surface Owner	Federal

Sampling Event General Information					
Please answer all the questions in this group.					
What is the sampling surface area in square feet	32,087				
What is the estimated number of samples that will be gathered	106				
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/04/2025				
Time sampling will commence	09:00 AM				
Please provide any information necessary for observers to contact samplers	Jenna Hinkle (510-417-5262)				
Please provide any information necessary for navigation to sampling site	32.105561, -103.676714				

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 490749

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	490749
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jraley	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.	7/31/2025
jraley	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	7/31/2025

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

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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

Action 490757

QUESTIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	490757
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2506428775
Incident Name	NAPP2506428775 MARWARI 28 CTB 2 @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2123136202] MARWARI 28 CTB 2

Location of Release Source	
Site Name	MARWARI 28 CTB 2
Date Release Discovered	03/04/2025
Surface Owner	Federal

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	32,087	
What is the estimated number of samples that will be gathered	106	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/05/2025	
Time sampling will commence	09:00 AM	
Please provide any information necessary for observers to contact samplers	Jenna Hinkle (510-417-5262)	
Please provide any information necessary for navigation to sampling site	32.105561, -103.676714	

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

General Information Phone: (505) 629-6116

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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

CONDITIONS

Action 490757

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	490757
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jraley	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.	7/31/2025
jraley	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	7/31/2025

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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

Action 490761

QUESTIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	490761
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2506428775
Incident Name	NAPP2506428775 MARWARI 28 CTB 2 @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2123136202] MARWARI 28 CTB 2

Location of Release Source	
Site Name	MARWARI 28 CTB 2
Date Release Discovered	03/04/2025
Surface Owner	Federal

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	32,087	
What is the estimated number of samples that will be gathered	106	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/06/2025	
Time sampling will commence	09:00 AM	
Please provide any information necessary for observers to contact samplers	Jenna Hinkle (510-417-5262)	
Please provide any information necessary for navigation to sampling site	32.105561, -103.676714	

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

General Information Phone: (505) 629-6116

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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

CONDITIONS

Action 490761

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	490761
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jraley	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.	7/31/2025
jraley	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	7/31/2025

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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

Action 490762

QUESTIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	490762
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2506428775
Incident Name	NAPP2506428775 MARWARI 28 CTB 2 @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2123136202] MARWARI 28 CTB 2

Location of Release Source	
Site Name	MARWARI 28 CTB 2
Date Release Discovered	03/04/2025
Surface Owner	Federal

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	32,087	
What is the estimated number of samples that will be gathered	106	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/07/2025	
Time sampling will commence	09:00 AM	
Please provide any information necessary for observers to contact samplers	Jenna Hinkle (510-417-5262)	
Please provide any information necessary for navigation to sampling site	32.105561, -103.676714	

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 490762

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	490762
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Create By	d Condition	Condition Date
jraley	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.	7/31/2025
jraley	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	7/31/2025

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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

Action 490766

QUESTIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	490766
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites	
Incident ID (n#)	nAPP2506428775
Incident Name	NAPP2506428775 MARWARI 28 CTB 2 @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2123136202] MARWARI 28 CTB 2

Location of Release Source	
Site Name	MARWARI 28 CTB 2
Date Release Discovered	03/04/2025
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	32,087
What is the estimated number of samples that will be gathered	106
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/08/2025
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Jenna Hinkle (510-417-5262)
Please provide any information necessary for navigation to sampling site	32.105561, -103.676714

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 490766

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	490766
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Created By	Condition	Condition Date
jraley	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.	7/31/2025
jraley	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	7/31/2025

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Online Phone Directory
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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

Action 490769

QUESTIONS

ı	Operator:	OGRID:
ı	DEVON ENERGY PRODUCTION COMPANY, LP	6137
ı	333 West Sheridan Ave.	Action Number:
ı	Oklahoma City, OK 73102	490769
ı		Action Type:
ı		[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites	
Incident ID (n#)	nAPP2506428775
Incident Name	NAPP2506428775 MARWARI 28 CTB 2 @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2123136202] MARWARI 28 CTB 2

Location of Release Source	
Site Name	MARWARI 28 CTB 2
Date Release Discovered	03/04/2025
Surface Owner	Federal

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	32,087	
What is the estimated number of samples that will be gathered	106	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/11/2025	
Time sampling will commence	09:00 AM	
Please provide any information necessary for observers to contact samplers	Jenna Hinkle (510-417-5262)	
Please provide any information necessary for navigation to sampling site	32.105561, -103.676714	

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 490769

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	490769
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Created By	Condition	Condition Date
jraley	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.	7/31/2025
jraley	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	7/31/2025

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 490770

QUESTIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	490770
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites	
Incident ID (n#)	nAPP2506428775
Incident Name	NAPP2506428775 MARWARI 28 CTB 2 @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2123136202] MARWARI 28 CTB 2

Location of Release Source	
Site Name	MARWARI 28 CTB 2
Date Release Discovered	03/04/2025
Surface Owner	Federal

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	32,087	
What is the estimated number of samples that will be gathered	106	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/12/2025	
Time sampling will commence	09:00 AM	
Please provide any information necessary for observers to contact samplers	Jenna Hinkle (510-417-5262)	
Please provide any information necessary for navigation to sampling site	32.105561, -103.676714	

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 490770

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	490770
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Created By	Condition	Condition Date
jraley	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.	7/31/2025
jraley	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	7/31/2025

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Online Phone Directory
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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

Action 490771

QUESTIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	490771
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites	
Incident ID (n#)	nAPP2506428775
Incident Name	NAPP2506428775 MARWARI 28 CTB 2 @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2123136202] MARWARI 28 CTB 2

Location of Release Source	
Site Name	MARWARI 28 CTB 2
Date Release Discovered	03/04/2025
Surface Owner	Federal

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	32,087	
What is the estimated number of samples that will be gathered	106	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/13/2025	
Time sampling will commence	09:00 AM	
Please provide any information necessary for observers to contact samplers	Jenna Hinkle (510-417-5262)	
Please provide any information necessary for navigation to sampling site	32.105561, -103.676714	

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 490771

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	490771
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Created By	Condition	Condition Date
jraley	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.	7/31/2025
jraley	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	7/31/2025

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 496377

QUESTIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	496377
	Action Type:
	[NOTIFY] Notification Of Liner Inspection (C-141L)

Prerequisites	
Incident ID (n#)	nAPP2506428775
Incident Name	NAPP2506428775 MARWARI 28 CTB 2 @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2123136202] MARWARI 28 CTB 2

Location of Release Source	
Site Name	MARWARI 28 CTB 2
Date Release Discovered	03/04/2025
Surface Owner	Federal

Liner Inspection Event Information	
Please answer all the questions in this group.	
What is the liner inspection surface area in square feet	12,614
Have all the impacted materials been removed from the liner	Yes
Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC	08/19/2025
Time liner inspection will commence	09:00 AM
Please provide any information necessary for observers to liner inspection	Jenna Hinkle (510-417-5262) will be completing the liner inspection.
Please provide any information necessary for navigation to liner inspection site	32.105561, -103.676714

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 496377

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	496377
	Action Type:
	[NOTIFY] Notification Of Liner Inspection (C-141L)

Created By		Condition Date
jraley	Failure to notify the OCD of liner inspections including any changes in date/time per the requirements of 19.15.29.11.A(5)(a)(ii) NMAC, may result in the inspection not being accepted.	8/15/2025

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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

Action 534136

QUESTIONS

ı	Operator:	OGRID:
ı	DEVON ENERGY PRODUCTION COMPANY, LP	6137
ı	333 West Sheridan Ave.	Action Number:
ı	Oklahoma City, OK 73102	534136
ı		Action Type:
ı		[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

Prerequisites	
Incident ID (n#)	nAPP2506428775
Incident Name	NAPP2506428775 MARWARI 28 CTB 2 @ FAPP2123136202
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP2123136202] MARWARI 28 CTB 2

Location of Release Source	
Please answer all the questions in this group.	
Site Name	MARWARI 28 CTB 2
Date Release Discovered	03/04/2025
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Corrosion Pump Produced Water Released: 34 BBL Recovered: 31 BBL Lost: 3 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)	Piping nipple developed pinhole leak on water transfer pump. Approx. 6 bbls was contained within lined secondary containment. Approx 28 bbls impacted the pad surface from spraying over containment wall. Approx 31 bbls was recovered by vac truck from both containment and pad surface

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Action 534136

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QUESTIONS (continued)		
Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137 Action Number: 534136 Action Type:	
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	
QUESTIONS Nature and Volume of Release (continued)		
,		
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.	
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes	
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.	
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	e. gas only) are to be submitted on the C-129 form.	
Initial Response The responsible party must undertake the following actions immediately unless they could create a s	afety hazard that would result in injury.	
The source of the release has been stopped	True	
The impacted area has been secured to protect human health and the environment	True	
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True	
All free liquids and recoverable materials have been removed and managed appropriately	True	
If all the actions described above have not been undertaken, explain why	Not answered.	
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative led or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.	
to report and/or file certain release notifications and perform corrective actions for releathe OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are require ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface to does not relieve the operator of responsibility for compliance with any other federal, state, or	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 12/12/2025	

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QUESTIONS, Page 3

Action 534136

QUESTIONS (continued)

 Operator:
 DEVON ENERGY PRODUCTION COMPANY, LP
 6137

 333 West Sheridan Ave.
 Action Number:

 Oklahoma City, OK 73102
 534136

 Action Type:
 [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization		
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)	
What method was used to determine the depth to ground water	NM OSE iWaters Database Search	
Did this release impact groundwater or surface water	No	
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:		
A continuously flowing watercourse or any other significant watercourse	Between ½ and 1 (mi.)	
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)	
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)	
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)	
Any other fresh water well or spring	Between 1 and 5 (mi.)	
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)	
A wetland	Between ½ and 1 (mi.)	
A subsurface mine	Greater than 5 (mi.)	
An (non-karst) unstable area	Greater than 5 (mi.)	
Categorize the risk of this well / site being in a karst geology	Low	
A 100-year floodplain	Between 1 and 5 (mi.)	
Did the release impact areas not on an exploration, development, production, or storage site	No	

Remediation Plan			
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.			
Requesting a remediation plan approval with this submission	Yes		
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contaminat	Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.		
Have the lateral and vertical extents of contamination been fully delineated	Yes		
Was this release entirely contained within a lined containment area	No		
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)			
Chloride (EPA 300.0 or SM4500 Cl B)	8300		
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	85		
GRO+DRO (EPA SW-846 Method 8015M)	0		
BTEX (EPA SW-846 Method 8021B or 8260B)	0		
Benzene (EPA SW-846 Method 8021B or 8260B)	0		
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.			
On what estimated date will the remediation commence 08/04/2025			
On what date will (or did) the final sampling or liner inspection occur	08/19/2025		
On what date will (or was) the remediation complete(d)	08/13/2025		
What is the estimated surface area (in square feet) that will be reclaimed	22232		
What is the estimated volume (in cubic yards) that will be reclaimed	2464		
What is the estimated surface area (in square feet) that will be remediated	22232		
What is the estimated volume (in cubic yards) that will be remediated	2464		
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.			
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to			

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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Action 534136

QUESTIONS (continued)

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QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	fEEM0112334510 HALFWAY DISPOSAL AND LANDFILL
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

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

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

Name: James Raley Title: EHS Professional I hereby agree and sign off to the above statement Email: jim.raley@dvn.com Date: 12/12/2025

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 5

Action 534136

QUESTIONS (continued)

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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 534136

QUESTIONS (continued)

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QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	490775
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/15/2025
What was the (estimated) number of samples that were to be gathered	106
What was the sampling surface area in square feet	32087

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	22232	
What was the total volume (cubic yards) remediated	2464	
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	22232	
What was the total volume (in cubic yards) reclaimed	2464	
Summarize any additional remediation activities not included by answers (above)	Remediation Complete	

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

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

I hereby agree and sign off to the above statement

Name: James Raley
Title: EHS Professional
Email: jim.raley@dvn.com
Date: 12/12/2025

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QUESTIONS (continued)

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

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CONDITIONS

Action 534136

CONDITIONS

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Created By	Condition	Condition Date
scwells	Remediation closure approved.	12/12/2025