



August 12, 2025

New Mexico Oil Conservation Division

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

**Re: Closure Request
CDU Produced Water Line
Incident Number: nAPP2508644611
Eddy 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* to document excavation and soil sampling activities performed to address a produced water release at the CDU Produced Water Line (Right-of-way (ROW); Site). Based on the excavation activities and analytical results from the soil sampling events, Devon is submitting this *Closure Request*, describing remediation that has occurred and requesting closure for Incident Number nAPP2508644611.

BACKGROUND

The Site was reported to be located in Unit A, Section 11, Township 25 South, Range 31 East, in Eddy County, New Mexico (32.149°, -103.742°) in the pasture area south of the lease road; however after review of internal documents, including photos, the release was found to be located north of the lease road in Unit A, Section 11, Township 25 South, Range 31 East, in Eddy County, New Mexico (32.150020°, -103.742001°) and is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM).

On March 25, 2025, a 4-inch poly transition failed which resulted in the release of approximately 21 barrels (bbls) of produced water onto an off-pad pasture area. Devon reported the release to the New Mexico Oil Conservation Division (NMOCD) via Notification of Release (NOR) on March 27, 2025, and submitted a Release Notification Form C-141 (Form C-141) on March 31, 2025. The release was assigned Incident Number nAPP2508644611. The Form C-141 can be referenced on the NMOCD Portal.

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). Results from the characterization are summarized below and detailed in the NMOCD permitting portal Form C-141 Site Characterization section. Potential Site receptors are identified on Figure 1.

Depth to groundwater at the Site is greater than 100 feet below ground surface (bgs) based on the nearest groundwater well data. The closest permitted groundwater well with depth to groundwater data is New Mexico Office of the State Engineer (NMOSE) well C-03830, located approximately 0.42 miles

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north of the Site. The groundwater well has a reported depth to groundwater of 300 bgs and a total depth of 451 feet bgs. There are no regional or Site-specific hydrogeological conditions, such as shallow surface water, karst features, wetlands, or vegetation to suggest the Site is conducive to shallower groundwater. All wells used for depth to groundwater determination are presented on Figure 1. The referenced well record is included in Appendix A.

The closest continuously flowing or significant watercourse to the Site is an intermittent dry wash, located approximately 4.1 miles southeast 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 not underlain by unstable 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 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

Between April 18, 2025 and July 9, 2025, Ensolum personnel were onsite to evaluate the release extent based on information provided on the Form C-141 and visual observations. Four delineation soil samples (SS01 through SS04) were collected from areas surrounding the release extent at depths of ground surface and 1-foot bgs to assess the lateral extent of impacted soil. Three boreholes (BH01, BH02/PH02, and BH03/PH03) were advanced via hand auger and core drill within the release extent to assess the vertical extent of the release. Delineation soil samples were collected from each borehole at depths ranging from ground surface to 17 feet bgs. The 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 B. Photographic documentation of delineation activities is included in Appendix C.

The 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.

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LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for lateral delineation soil samples SS01 through SS04 indicated all COC concentrations were in compliance with the strictest Closure Criteria. Laboratory analytical results for delineation soil samples collected from boreholes BH01, BH02/PH02, and BH03/PH03 indicated TPH and/or chloride concentrations exceeding the reclamation requirement and/or Closure Criteria, where applicable, at depths ranging from the ground surface to 3 feet bgs. Laboratory analytical results for the delineation sample collected from BH02/PH02 at a depth of 8 feet bgs initially indicated TPH concentrations exceeded the Closure Criteria; however, it is suspected surficial material sloughed into the borehole, resulting in potential sample contamination. Consequently, borehole BH02/PH02 was resampled during excavation activities to ensure data integrity. The terminal soil samples collected from the boreholes indicated all COC concentrations were in compliance with the Closure Criteria and reclamation requirement, where applicable.

Based on visible staining in the release area, elevated field screening results, and laboratory analytical results for the delineation activities, excavation activities were warranted. Laboratory results are summarized in Table 1 and laboratory analytical reports are included in Appendix D.

EXCAVATION AND CONFIRMATION SOIL SAMPLING ACTIVITIES

Between July 7 and July 10, 2025, Ensolum personnel were at the Site to oversee excavation activities. Excavation activities were performed using a backhoe, 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 following the same procedure described above. The excavation was completed to a depth of 4 feet bgs. Photographic documentation of excavation activities is included in Appendix C.

Following removal of impacted soil, 5-point composite confirmation samples were collected from the floor and sidewalls of the excavation representing no more than 200 square feet. The 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 FS01 through FS05 were collected from the floor of the excavation at a depth of 4 feet bgs. Composite soil samples SW01 through SW03 were collected from the sidewalls of the excavation at depths ranging from ground surface 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 898 square feet. A total of approximately 120 cubic yards of impacted and waste-containing soil was removed during the excavation activities. The impacted and 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 SW03) and excavation floor samples (FS01 through FS05) indicated all COC concentrations were compliant with the Site Closure Criteria and reclamation requirement, where applicable. Laboratory analytical results are summarized in Tables 2 and 3 and laboratory analytical reports are included in Appendix D.

RECLAMATION PLAN

The entire release occurred off pad in the pasture, and as such, a reclamation requirement for chloride and 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 topsoil to match surrounding grade.
- Soil in the vicinity of the release includes: Berino complex 0 to 3 percent slopes, eroded according to the United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) Web Soil Survey completed on May 21, 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 Mix (2) for sand;
- 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 wattles 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 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. BLM has recognized 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 mixture will be applied as well as any needed BMPs will be installed to support growth and limit erosion.

CLOSURE REQUEST

Site assessment, delineation, and excavation activities were conducted at the Site to address the March 2025 release of produced water. Following remediation efforts, five composite confirmation floor soil samples (FS01 through FS05) and three composite confirmation sidewall samples (SW01 through SW03) 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 reclamation requirement, where applicable. 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 of 300 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 Number nAPP2508644611.

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

Sincerely,
Ensolum, LLC

A handwritten signature in black ink that reads 'Cole Burton'.

Cole Burton
Project Manager

A handwritten signature in black ink that reads 'Daniel R. Moir'.

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

cc: Jim Raley, Devon
BLM

Appendices:

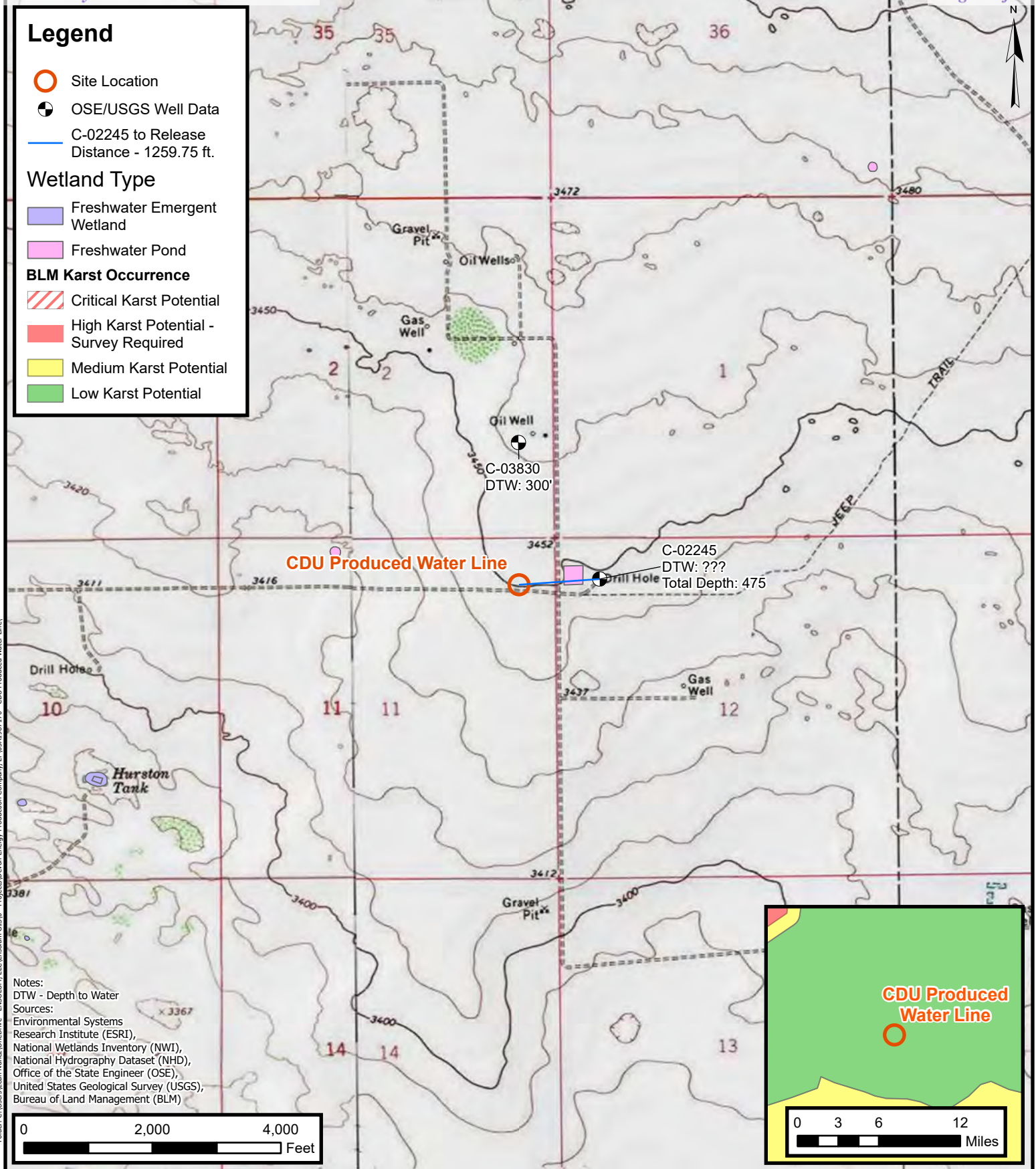
Figure 1 Site Receptor Map
Figure 2 Delineation Soil Sample Locations
Figure 3 Excavation Soil Sample Locations

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 Well Log and Record
Appendix B Lithologic Soil Sampling Logs
Appendix C Photographic Log
Appendix D Laboratory Analytical Reports & Chain-of-Custody Documentation
Appendix E NMOCD Correspondence

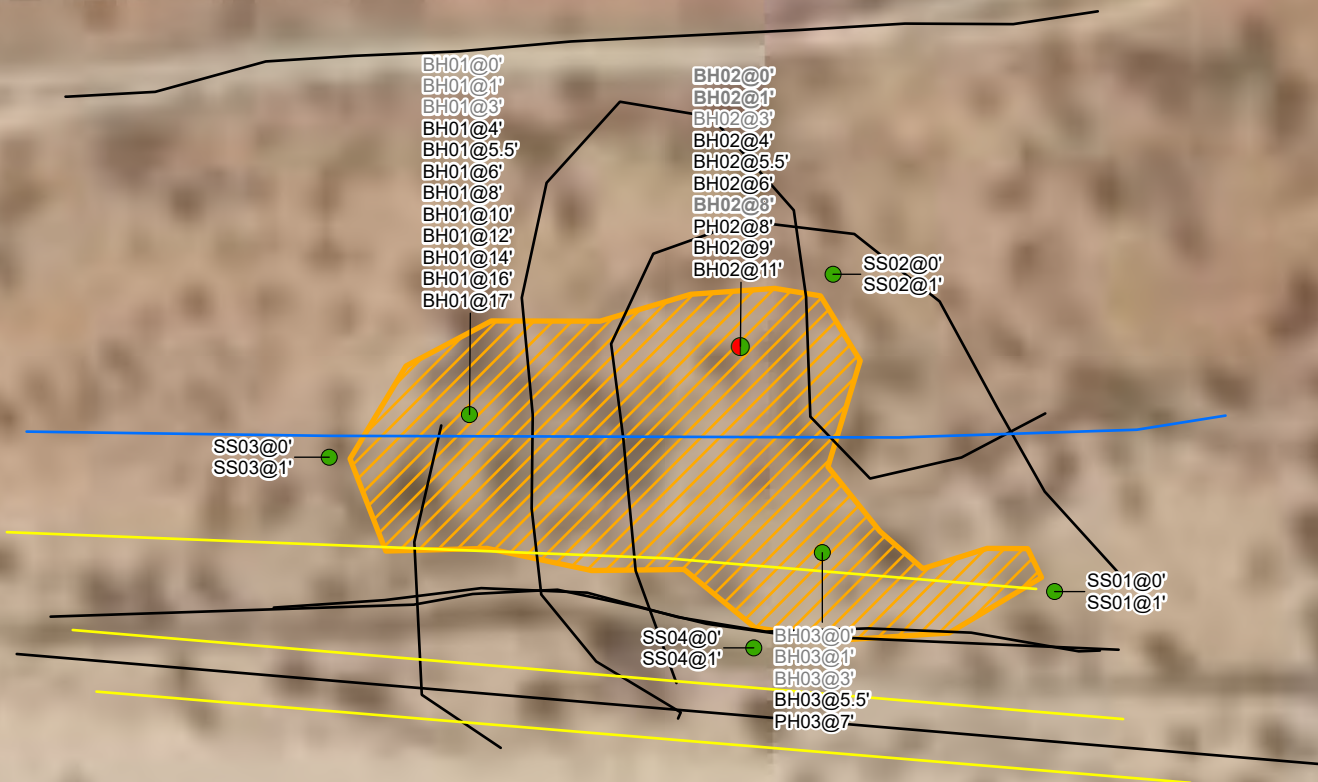


FIGURES



Legend

- Delineation Soil Sample in Compliance with Closure Criteria
- Delineation Soil Sample with Concentrations Previously Exceeding Closure Criteria
- Oil and Gas Utility Line
- Surface Line
- Water Utility Line
- ▨ Release Extent



Notes:
 Sample ID @ Depth Below Ground Surface.
 Samples in bold indicate sample exceeded applicable closure criteria.

0 15 30
 Feet

Sources: Environmental Systems Research Institute (ESRI)



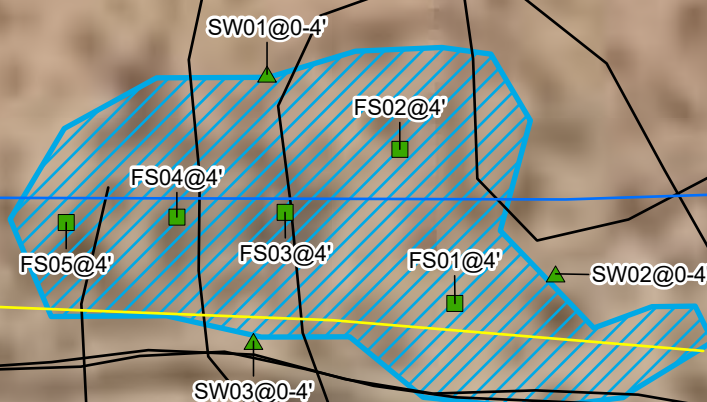
Delineation Soil Sample Locations

Devon Energy Production Company, LP
 CDU Produced Water Line
 Incident Number: nAPP2508644611
 Unit A, Section 11, T 25S, R 31E
 Eddy County, New Mexico

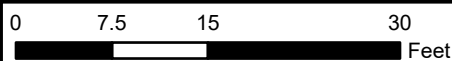
FIGURE
2

Legend

- Excavation Floor Sample in Compliance with Closure Criteria
- ▲ Excavation Sidewall Sample in Compliance with Closure Criteria
- Oil and Gas Utility Line
- Surface Line
- Water Utility Line
- ▨ Excavation Extent
- Road



Notes:
Sample ID @ Depth Below Ground Surface.



Sources: Environmental Systems Research Institute (ESRI)

**Confirmation Soil Sample Locations**

Devon Energy Production Company, LP
CDU Produced Water Line
Incident Number: nAPP2508644611
Unit A, Section 11, T 25S, R 31E
Eddy County, New Mexico

FIGURE**3**



TABLES

TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
 CDU Produced Water Line
 Devon Energy Production Company, LP
 Eddy 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
Delineation Soil Samples										
SS01	4/18/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS01	4/18/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS02	4/18/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS02	4/18/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS03	4/18/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS03	4/18/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS04	4/18/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	32.3
SS04	4/18/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	25.1
BH01	4/18/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,170
BH01	4/18/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	7,150
BH01	4/18/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	5,360
BH01	5/6/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	6,610
BH01	4/18/2025	5.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	5,582
BH01	5/6/2025	6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	6,410
BH01	5/6/2025	8	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	8,460
BH01	5/6/2025	10	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	12,900
BH01	5/6/2025	12	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	6,530
BH01	5/6/2025	14	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	5,810
BH01	5/6/2025	16	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,880
BH01	5/6/2025	17	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	122
BH02	4/18/2025	0	<0.0250	<0.0500	<20.0	2,800	1,020	2,800	3,820	5,870
BH02	4/18/2025	1	<0.0250	<0.0500	<20.0	1,890	719	1,890	2,609	4,950
BH02	4/18/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	7,250
BH02	5/16/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	5,400
BH02	4/18/2025	5.5	<0.0250	<0.0500	<20.0	241	126	241	367	10,700
BH02	5/16/2025	6	<0.0250	<0.0500	<20.0	373	199	373	572	4,570
BH02	5/16/2025	8	<0.0250	<0.0500	<20.0	1,290	696	1,290	1,986	2,180
PH02	7/9/2025	8	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	11,200
BH02	5/16/2025	9	<0.0250	<0.0500	<20.0	231	156	231	387	772
BH02	5/16/2025	11	<0.0250	<0.0500	<20.0	44.9	<50.0	44.9	45	228



TABLE 1 - CONT'D
SOIL SAMPLE ANALYTICAL RESULTS
 CDU Produced Water Line
 Devon Energy Production Company, LP
 Eddy 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
Delineation Soil Samples										
BH03	4/18/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,180
BH03	4/18/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,730
BH03	4/18/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	8,290
BH03	4/18/2025	5.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,340
PH03	7/9/2025	7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	8,850

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.

* 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.

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes



TABLE 2
SOIL SAMPLE ANALYTICAL RESULTS
 CDU Produced Water Line
 Devon Energy Production Company, LP
 Eddy 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
Excavation Floor Soil Samples										
FS01	7/9/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,540
FS02	7/9/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,360
FS03	7/10/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,870
FS04	7/10/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	5,250
FS05	7/10/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,400

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

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

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes



TABLE 3
SOIL SAMPLE ANALYTICAL RESULTS - Continued
 CDU Produced Water Line
 Devon Energy Production Company, LP
 Eddy 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
Sidewall Soil Samples										
SW01	7/10/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	174
SW02	7/10/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	319
SW03	7/10/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	139

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.

* 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.

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes



TABLE 4 SOIL SAMPLE ANALYTICAL RESULTS CDU Produced Water Line Devon Energy Production Company, LP Eddy 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
Backfill Soil Sample										
BF01	7/8/2025	0-1	<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.

* 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.

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes



APPENDIX A

Well Log and Record



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NUMBER (WELL NUMBER) 1				OSE FILE NUMBER(S) C-3830			
	WELL OWNER NAME(S) ROCKHOUSE RANCH INC.				PHONE (OPTIONAL) 575-995-6920			
	WELL OWNER MAILING ADDRESS 1108 W PEARCE ST.				CITY CARLSBAD		STATE NM	ZIP 88220
	WELL LOCATION (FROM GPS)	DEGREES 32	MINUTES 09	SECONDS 22	* ACCURACY REQUIRED: ONE TENTH OF A SECOND			
	LATITUDE 103	44	31	N W	* DATUM REQUIRED: WGS 84			
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE SE 1/4, NE 1/4, SE 1/4, SECTION 2, TOWNSHIP 25S, RANGE 31E								
2. DRILLING & CASING INFORMATION	LICENSE NUMBER WD-1607		NAME OF LICENSED DRILLER LUIS A. (TONY) DURAN			NAME OF WELL DRILLING COMPANY DURAN DRILLING		
	DRILLING STARTED 1/28/15		DRILLING ENDED 2/02/15		DEPTH OF COMPLETED WELL (FT) 451		BORE HOLE DEPTH (FT) 450	
					DEPTH WATER FIRST ENCOUNTERED (FT) 300			
	COMPLETED WELL IS: <input type="radio"/> ARTESIAN <input type="radio"/> DRY HOLE <input checked="" type="radio"/> SHALLOW (UNCONFINED)						STATIC WATER LEVEL IN COMPLETED WELL (FT)	
	DRILLING FLUID: <input type="radio"/> AIR <input checked="" type="radio"/> MUD ADDITIVES - SPECIFY: DRILLING MUD							
	DRILLING METHOD: <input checked="" type="radio"/> ROTARY <input type="radio"/> HAMMER <input type="radio"/> CABLE TOOL <input type="radio"/> OTHER - SPECIFY:							
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	220	12	STEEL	STEEL PERF	7	1/4	1/8
	220	450	12	STEEL PERF	STEEL	7	1/4	1/8
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						
	0	20	12	20 BGS 80 LBS CEMENT		MIXER		
	20	450	12	22 YARDS 1/4" GRAVEL				

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 06/08/2012)

FILE NUMBER

C-3830

POD NUMBER

1

TRN NUMBER

560005**25S.31E.2.424****EXPL**

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	FROM	TO				
	0	1	1	TOPSOIL	<input type="radio"/> Y <input checked="" type="radio"/> N	
	1	4	3	CALICHE	<input type="radio"/> Y <input checked="" type="radio"/> N	
	4	16	12	SAND	<input type="radio"/> Y <input checked="" type="radio"/> N	
	90	99	9	CLAY	<input type="radio"/> Y <input checked="" type="radio"/> N	
	99	190	91	SAND	<input type="radio"/> Y <input checked="" type="radio"/> N	
	190	250	60	BROWN CLAY	<input type="radio"/> Y <input checked="" type="radio"/> N	
	250	265	15	SAND	<input type="radio"/> Y <input checked="" type="radio"/> N	
	265	340	75	CLAY	<input type="radio"/> Y <input checked="" type="radio"/> N	
	340	348	8	SAND	<input type="radio"/> Y <input checked="" type="radio"/> N	
	348	378	30	GRAVEL	<input checked="" type="radio"/> Y <input type="radio"/> N	10
	378	384	6	CALY	<input type="radio"/> Y <input checked="" type="radio"/> N	
	384	448	64	SAND	<input checked="" type="radio"/> Y <input type="radio"/> N	5
	448	450	2	RED BED	<input type="radio"/> Y <input checked="" type="radio"/> N	
					<input type="radio"/> Y <input checked="" type="radio"/> N	
					<input type="radio"/> Y <input type="radio"/> N	
					<input type="radio"/> Y <input type="radio"/> N	
					<input type="radio"/> Y <input type="radio"/> N	
					<input type="radio"/> Y <input type="radio"/> N	
					<input type="radio"/> Y <input type="radio"/> N	
					<input type="radio"/> Y <input type="radio"/> N	
					<input type="radio"/> Y <input type="radio"/> N	
					<input type="radio"/> Y <input type="radio"/> N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input type="radio"/> PUMP					TOTAL ESTIMATED	
<input type="radio"/> AIR LIFT <input checked="" type="radio"/> BAILER <input type="radio"/> OTHER - SPECIFY:					WELL YIELD (gpm): 15	

5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
		MISCELLANEOUS INFORMATION:
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: LUIS A. DURAN	

6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 20 DAYS AFTER COMPLETION OF WELL DRILLING:	
	<u>Luis A. Duran</u> SIGNATURE OF DRILLER / PRINT SIGNEE NAME	<u>2-02-15</u> DATE

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 06/08/2012)

FILE NUMBER

C-3830

POD NUMBER

1

TRN NUMBER

560005

255.31E.2.42.4

EXPL

READ INSTRUCTIONS ON BACK

Revised June 1991

APPLICATION TO APPROPRIATE UNDERGROUND WATERS IN ACCORDANCE WITH SECTION 72-12-1 NEW MEXICO STATUTES

1. Name and mailing address of applicant:

File No. C-2245

JB Engineering + Const. Co.
P.O. Box 12237
Odessa, Texas 79768

469232

Received: January 28, 1992

2. Describe well location under one of the following subheadings:

a. NW 1/4 NW 1/4 of Sec. 12 Twp. 15S Rge. 31E NMPM,
in Eddy County. PER TELECOM WITH Jimmy Richardson
ON 10-5-93. Rp

b. X = _____ feet, Y = _____ feet, New Mexico Coordinate System
Zone in the _____ Grant.

3. Approximate depth (if known) 425' feet; outside diameter of casing 7" inches.

Name of driller (if known) _____

4. Use of water (check use applied for):

____ One household, non-commercial trees, lawn and garden not to exceed one acre.

☒ Livestock watering.

____ More than one household, non-commercial trees, lawns and gardens not to exceed a total of one acre.

____ Drill and test a well intended to be used for domestic, drinking and sanitary or stock water purposes in conjunction with the building or dwelling unit.

____ Drinking and sanitary purposes and the irrigation of non-commercial trees, shrubs and lawns in conjunction with a commercial operation.

____ Prospecting, mining or drilling operations to discover or develop natural resources.

____ Construction of public works, highways and roads.

If any of the last three items were marked, give name and nature of business under Remarks (Item 5).

5. Remarks: THIS IS TO RECORD AN EXISTING WELL

I, JB Richardson, affirm that the foregoing statements are true to the best of my knowledge and belief and that development shall not commence until approval of the permit has been obtained.

JB Engineering, ApplicantBy: JB RichardsonDate: 1-23-92

ACTION OF STATE ENGINEER

This application is approved for the use indicated, subject to all general conditions and to specific conditions numbered 1 & 4 on the reverse side hereof. This permit will automatically expire unless this well is drilled or driven and the well record filed on or before January 31, 1993.

Eluid L. Martinez, State Engineer

By:

Art Mason, Water Resource EngineerDate: January 28th, 1992

File No. C-2245

GENERAL CONDITIONS OF APPROVAL

- A. The maximum amount of water that may be appropriated under this permit is 3 acre-feet in any year.
- B. The well shall be drilled by a driller licensed in the State of New Mexico in accordance with Section 72-12-12 New Mexico Statutes Annotated. A licensed driller shall not be required for the construction of a driven well; provided, that the casing shall not exceed two and three-eighths (2 3/8) inches outside diameter (Section 72-12-12).
- C. Driller's well record must be filed with the State Engineer within 10 days after the well is drilled or driven. Failure to file the well record within that time shall result in automatic cancellation of the permit. Well record forms will be provided by the State Engineer upon request.
- D. The casing shall not exceed 7 inches outside diameter except under specific conditions in which reasons satisfactory to the State Engineer are shown.
- E. If the well under this permit is used at any time to serve more than one household or livestock in a commercial feed lot operation, or for drinking and sanitation purposes in conjunction with a commercial operation, the permittee shall comply with Specific Conditions of Approval number 5(b).
- F. In the event this well is combined with other wells permitted under Section 72-12-1 New Mexico Statutes Annotated, the total outdoor use shall not exceed the irrigation of one acre of non-commercial trees, lawn, and garden, or the equivalent outside consumptive use, and the total appropriation for household and outdoor use from the entire water distribution system shall not exceed 3 acre-feet in any year.
- G. If artesian water is encountered, all rules and regulations pertaining to the drilling and casing of artesian wells shall be complied with.

SPECIFIC CONDITIONS OF APPROVAL

(Applicable only when so indicated on the other side of this form.)

1. Depth of the well shall not exceed the thickness of the (a) valley fill or (b) Ogallala formation.
2. The well shall be constructed to artesian well specifications and the State Engineer shall be notified before casing is landed or cemented.
3. Appropriation and use of water under this permit shall not exceed a period of one year from the date of approval.
4. Use shall be limited to household, non-commercial trees, lawn and garden not to exceed one acre and/or stock use.
5. A totalizing meter shall be installed before the first branch of the discharge line from the well and the installation shall be acceptable to the State Engineer; the Engineer shall be advised of the make, model, serial number, date of installation, and initial reading of the meter prior to appropriation of water; pumping records shall be submitted to the District Supervisor: (a) for each calendar month, on or before the 10th day of the following month (b) on or before the 10th of January, April, July and October of each year for the three preceding calendar months (c) for each calendar year on or before the 10th day of January of the following year.
6. The well shall be plugged upon completion of the permitted use, and a plugging report shall be filed with the State Engineer within 10 days.
7. Final approval for the use of the well shall be dependent upon a leakage test made by the State Engineer.
8. Use shall be limited strictly to household, drinking and sanitary purposes; water shall be conveyed from the well to the place of use in closed conduit and the effluent returned to the underground so that it will not appear on the surface. No irrigation of lawns, gardens, trees or use in any type of pool or pond is authorized under this permit.
9. No water shall be used from this well unless and until a permit has been issued to an applicant who intends to use the water for any of the purposes described in § 72-12-1.

INSTRUCTIONS

The application shall be made in the name of the actual user of the well for the purpose specified in the application.

The application shall be filed in triplicate and forwarded with a \$5.00 filing fee to the State Engineer.

A separate application must be filed for each well to be drilled or used.

If well to be used is an existing well, an explanation (and the file number, if possible) should be given under Remarks (Item 5).

Applications for appropriation, well records and requests for information in the following basins should be addressed to the State Engineer at the location indicated.

Bluewater, Estancia, Rio Grande, Sandia, Gallup and San Juan Basins
District No. 1, 3311 Candelaria, NE, Suite A, Albuquerque, NM 87107

Capitan, Carlsbad, Curry County, Fort Sumner, Hondo, Jal, Lea County, Penasco, Portales, Roswell, Tucumcari and Upper Pecos Basins District No. 2, 1900 West Second Street, Roswell, NM 88201

Animas, Gila-San Francisco, Lordsburg, Mimbres, Nutt-Hockett, Playas, San Simon and Virden Valley Basins
District No. 3, P.O. Box 844, Deming, NM 88031

Lower Rio Grande, Tularosa, Hueco, Las Animas Creek and Hot Springs Basins
District No. 4, 133 Wyatt Drive, Suite 3, Las Cruces, NM 88005

Canadian River Basin
State Engineer Office, P.O. Box 25102, Santa Fe, NM 87504-5102

STATE ENGINEER OFFICE
MEMO

DATE 02-10-92

TO: Water Rights

- ☒ For Your Information () Note & Return
() For Your Files () Circulate
() For Your Handling () _____

REMARKS: Please note Remarks
on #5. This permit supersedes
permit # C-2245 previously
sent.

S&O-Roswell

C-2245

READ INSTRUCTIONS ON BACK

Revised June 1991

APPLICATION TO APPROPRIATE UNDERGROUND WATERS IN ACCORDANCE WITH SECTION 72-12-1 NEW MEXICO STATUTES

1. Name and mailing address of applicant:

File No. C-2245

JR Engineering + Const. Co.
P.O. Box 12237
Dallas, Texas 75218

Received: January 28, 1992

2. Describe well location under one of the following subheadings:

a. NW x NW x _____ % of Sec. 12 Twp. 25S Rge. 30E NMPM,
 in Eddy County.

b. X = _____ feet, Y = _____ feet, New Mexico Coordinate System
 Zone in the _____ Grant.

3. Approximate depth (if known) 475' feet; outside diameter of casing 7" inches.

Name of driller (if known) _____

4. Use of water (check use applied for):

_____ One household, non-commercial trees, lawn and garden not to exceed one acre.

☒ Livestock watering.

_____ More than one household, non-commercial trees, lawns and gardens not to exceed a total of one acre.

_____ Drill and test a well intended to be used for domestic, drinking and sanitary or stock water purposes in conjunction with the building or dwelling unit.

_____ Drinking and sanitary purposes and the irrigation of non-commercial trees, shrubs and lawns in conjunction with a commercial operation.

_____ Prospecting, mining or drilling operations to discover or develop natural resources.

_____ Construction of public works, highways and roads.

If any of the last three items were marked, give name and nature of business under Remarks (Item 5).

5. Remarks: THIS IS TO RECORD AN EXISTING WELL

I, JR Richardson, affirm that the foregoing statements are true to the best of my knowledge and belief and that development shall not commence until approval of the permit has been obtained.

JR Engineering, Applicant

By: JR RichardsonDate: 1-23-92

ACTION OF STATE ENGINEER

This application is approved for the use indicated, subject to all general conditions and to specific conditions numbered 1 & 4 on the reverse side hereof. This permit will automatically expire unless this well is drilled or driven and the well record filed on or before January 31, 1993.

Eluid L. Martinez, State Engineer

By: Art Mason

Art Mason, Water Resource Engineer

Date: January 28th, 1992File No. C-2245

GENERAL CONDITIONS OF APPROVAL

- A. The maximum amount of water that may be appropriated under this permit is 3 acre-feet in any year.
- B. The well shall be drilled by a driller licensed in the State of New Mexico in accordance with Section 72-12-12 New Mexico Statutes Annotated. A licensed driller shall not be required for the construction of a driven well; provided, that the casing shall not exceed two and three-eighths (2 3/8) inches outside diameter (Section 72-12-12).
- C. Driller's well record must be filed with the State Engineer within 10 days after the well is drilled or driven. Failure to file the well record within that time shall result in automatic cancellation of the permit. Well record forms will be provided by the State Engineer upon request.
- D. The casing shall not exceed 7 inches outside diameter except under specific conditions in which reasons satisfactory to the State Engineer are shown.
- E. If the well under this permit is used at any time to serve more than one household or livestock in a commercial feed lot operation, or for drinking and sanitation purposes in conjunction with a commercial operation, the permittee shall comply with Specific Conditions of Approval number 5(b).
- F. In the event this well is combined with other wells permitted under Section 72-12-1 New Mexico Statutes Annotated, the total outdoor use shall not exceed the irrigation of one acre of non-commercial trees, lawn, and garden, or the equivalent outside consumptive use, and the total appropriation for household and outdoor use from the entire water distribution system shall not exceed 3 acre-feet in any year.
- G. If artesian water is encountered, all rules and regulations pertaining to the drilling and casing of artesian wells shall be complied with.

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1. Depth of the well shall not exceed the thickness of the (a) valley fill or (b) Ogallala formation.
2. The well shall be constructed to artesian well specifications and the State Engineer shall be notified before casing is landed or cemented.
3. Appropriation and use of water under this permit shall not exceed a period of one year from the date of approval.
4. Use shall be limited to household, non-commercial trees, lawn and garden not to exceed one acre and/or stock use.
5. A totalizing meter shall be installed before the first branch of the discharge line from the well and the installation shall be acceptable to the State Engineer; the Engineer shall be advised of the make, model, serial number, date of installation, and initial reading of the meter prior to appropriation of water; pumping records shall be submitted to the District Supervisor: (a) for each calendar month, on or before the 10th day of the following month (b) on or before the 10th of January, April, July and October of each year for the three preceding calendar months (c) for each calendar year on or before the 10th day of January of the following year.
6. The well shall be plugged upon completion of the permitted use, and a plugging report shall be filed with the State Engineer within 10 days.
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Animas, Gila-San Francisco, Lordsburg, Mimbres, Nutt-Hockett, Playas, San Simon and Virden Valley Basins
District No. 3, P.O. Box 844, Deming, NM 88031

Lower Rio Grande, Tularosa, Hueco, Las Animas Creek and Hot Springs Basins
District No. 4, 133 Wyatt Drive, Suite 3, Las Cruces, NM 88005

Canadian River Basin
State Engineer Office, P.O. Box 25102, Santa Fe, NM 87504-5102



STATE OF NEW MEXICO

STATE ENGINEER OFFICE

ELUID MARTINEZ
STATE ENGINEER

ROSWELL

DISTRICT II
1900 West Second St.
Roswell, New Mexico 88201
(505) 622-6521

January 28, 1992

FILE: C-2245

JR Engineering and Const. Co.
P.O. Box 12237
Odessa, TX 79768

Dear Sir:

Enclosed is your copy of Application to Appropriate Underground Waters in Accordance with Section 72-12-1 New Mexico Statutes, as numbered above, which has been approved, subject to the conditions on the permit.

~~Please note General Condition of Approval "B", which states: "The well shall be drilled only by a driller licensed in the State of New Mexico in accordance with Section 72-12-1 New Mexico Statutes, Annotated. A licensed driller shall not be required for the construction of a driven well; provided, that the casing shall not exceed two and three-eighths (2 3/8) inches outside diameter (Section 72-12-12)."~~

~~Please see that the well driller files well record in this office within ten days after completion of drilling.~~

~~Your rights under this permit will expire on January 31, 1993, unless the well is drilled and well record is filed in this office on or before that date.~~

Sincerely,

Richard C. Cibak
Pecos River Basin Supervisor

RCC/tg
Enclosure
cc: Santa Fe



STATE OF NEW MEXICO 1992 JAN 30 AM 10 04

STATE ENGINEER OFFICE
STATE ENGINEER OFFICE
SANTA FE NEW MEXICO

ELUID MARTINEZ
STATE ENGINEER

ROSWELL

DISTRICT II
1900 West Second St.
Roswell, New Mexico 88201
(505) 622-6521

January 28, 1992

FILE: C-2245

JR Engineering and Const. Co.
P.O. Box 12237
Odessa, TX 79768

Dear Sir:

Enclosed is your copy of Application to Appropriate Underground Waters in Accordance with Section 72-12-1 New Mexico Statutes, as numbered above, which has been approved, subject to the conditions on the permit.

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Please see that the well driller files well record in this office within ten days after completion of drilling.

Your rights under this permit will expire on January 31, 1993, unless the well is drilled and well record is filed in this office on or before that date.

Sincerely,


Richard C. Cibak
Pecos River Basin Supervisor


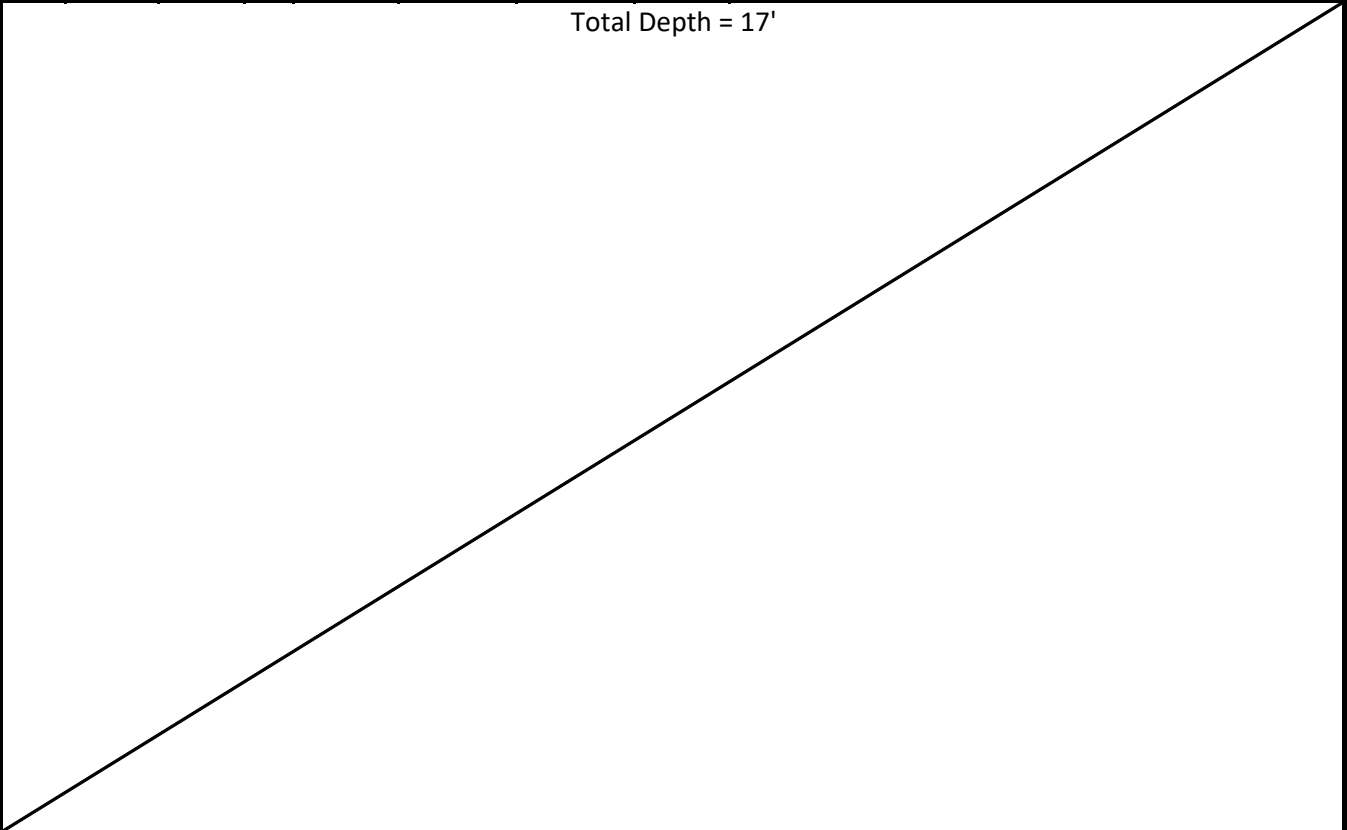
RCC/tg
Enclosure
cc: Santa Fe





APPENDIX B

Lithologic Soil Sampling Logs

								Sample Name: BH01		Date: 4/18/25-7/9/25	
								Site Name: CDU Produced Water Line			
								Incident Number: nAPP2508644611			
								Job Number: 03A1987170			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Jenna Hinkle		Method: Core Drill	
Coordinates: 32.1499465, -103.7419122								Hole Diameter: 4"		Total Depth: 17'	
Comments: Field screening conducted with HACH Chloride Test Strips for chloride. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 20% correction factor is included.											
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions			
M			Y	BH01	0	0	SW	Moist, staining, Redish brown sand, fine grained, non-cohesive, non-plastic			
				BH01	1	1		Moist, no staining. Redish brown sand, fine grained, non-cohesive, non-plastic			
M	>3,589		N	BH01	2	2					
						3					
M	>3,589		N	BH01	4	4					
				BH01	5.5	5		Dry, no staining, Caliche, fine to medium grained, non-cohesive, non-plastic			
				BH01	6	6					
D	>3,460		N	BH01	7	7					
				BH01	8	8					
						9	CCHE				
D	>3,460		N	BH01	10	10					
						11					
				BH01	12	12					

		Sample Name: BH01		Date: 4/18/25-5/6/25				
		Site Name: CDU Produced Water Line						
		Incident Number: nAPP2508644611						
		Job Number: 03A1987170						
LITHOLOGIC / SOIL SAMPLING LOG								
Coordinates: 32.1499465, -103.7419122			Logged By: Jenna Hinkle		Method: Core Drill			
			Hole Diameter: 4"		Total Depth: 17'			
Comments: Field screening conducted with HACH Chloride Test Strips for chloride. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	>3,460		N	BH01	13	13	CCHE	Moist, no staining. Redish brown sand, fine grained, non-cohesive, non-plastic
D	3,460		N	BH01	14	14		
						15		
D	812		N	BH01	16	16		
D	ND		N	BH01	17	17		
Total Depth = 17'								

								Sample Name: BH02		Date: 5/6/2025		
								Site Name: CDU Produced Water Line				
								Incident Number: nAPP2508644611				
								Job Number: 03A1987170				
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Jenna Hinkle		Method: Core Drill		
Coordinates: 32.149960, -103.741844								Hole Diameter: 4"		Total Depth: 11'		
Comments: Field screening conducted with HACH Chloride Test Strips for chloride. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.												
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions				
M			Y	BH02	0	0	SW	Moist, staining, Redish brown sand, fine grained, non-cohesive, non-plastic				
						1						
M	>3,589		N		2	2						
						3			Dry, no staining. Redish brown sand, fine grained, non-cohesive, non-plastic			
D	>3,589		N		4	4						
						5						
D			N		6	6	CCHE	Dry, no staining, Tan Caliche w/ brown sand, fine to coarse grained, small gravel, non-cohesive, non-plastic				
						7						
						8						
D	1,039		N		9	9		Dry, no staining, Dark Tan Caliche w/ brown sand, fine to coarse grained, small gravel, non-cohesive, non-plastic				
					10		SP-SW					
D	414		N	11	11			Dry, no staining. Brown sand w/ small gravel, fine to medium grained, non-cohesive, non-plastic				
Total Depth = 11'												

								Sample Name: BH03/PH03		Date: 4/18/25-7/9/25	
								Site Name: CDU Produced Water Line			
								Incident Number: nAPP2508644611			
								Job Number: 03A1987170			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Jenna Hinkle		Method: Core Drill	
Coordinates: 32.1499157, -103.7418236								Hole Diameter: 4"		Total Depth: 7'	
Comments: Field screening conducted with HACH Chloride Test Strips for chloride. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.											
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions			
M			Y	BH03	0	0	SW	Moist, staining, Redish brown sand, fine grained, non-cohesive, non-plastic			
				BH03		1		Moist, no staining. Redish brown sand, fine grained, non-cohesive, non-plastic			
M	>3,589		N	BH03	2	2					
				BH03		3					
M	>3,589		N	BH03	4	4					
				BH03	5.5	5					
	5,768			PH03	6	6					
				PH03	7	7					
Total Depth = 7'											



APPENDIX C

Photographic Log



Photographic Log

Devon Energy Production Company, LP
CDU Produced Water Line
nAPP2508644611

North East

☉ 64°NE (T) • 32.14992, -103.742022 ±3m ▲ 1030m



Photograph 1
Description: Spill Area
View: East

Date: 3/27/2025

East

☉ 96°E (T) • 32.149965, -103.742024 ±3m ▲ 1032m



Photograph 2
Description: Spill Area
View: East

Date: 3/27/2025

South West

☉ 255°SW (T) • 32.14997, -103.741827 ±3m ▲ 1032m



Photograph 3
Description: Spill Area
View: Southwest

Date: 3/27/2025

West

☉ 284°W (T) • 32.149908, -103.741791 ±3m ▲ 1031m



Photograph 4
Description: Spill Area
View: West

Date: 3/27/2025



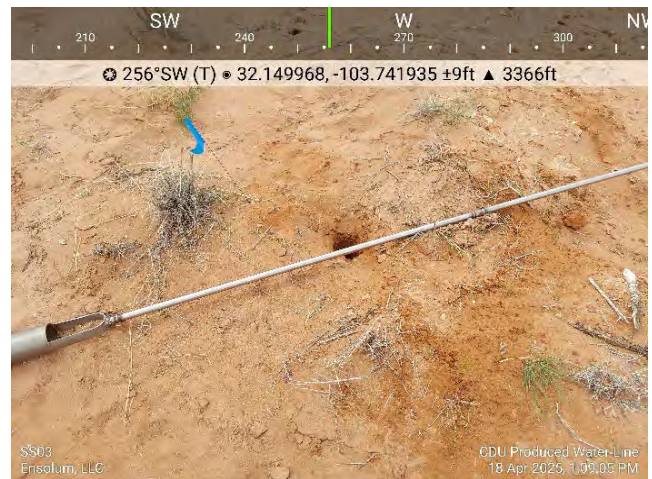
Photographic Log

Devon Energy Production Company, LP
CDU Produced Water Line
nAPP2508644611



Photograph 5
Description: SS01
View: East

Date: 4/18/2025



Photograph 6
Description: SS04
View: West

Date: 4/18/2025



Photograph 7
Description: BH01
View: Southwest

Date: 4/18/2025



Photograph 8
Description: BH03
View: West

Date: 4/18/2025



Photographic Log

Devon Energy Production Company, LP
CDU Produced Water Line
nAPP2508644611



Photograph 9
Description: BH01
View: Southeast

Date: 5/6/2025



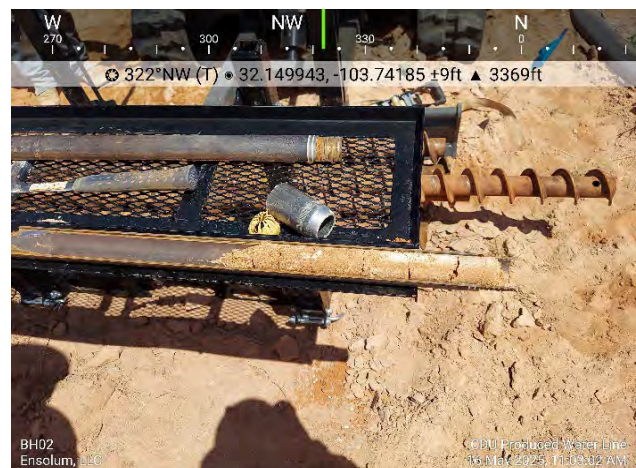
Photograph 10
Description: BH02 covered
View: West

Date: 5/16/2025



Photograph 11
Description: Drilling activities
View: Southeast

Date: 5/16/2025



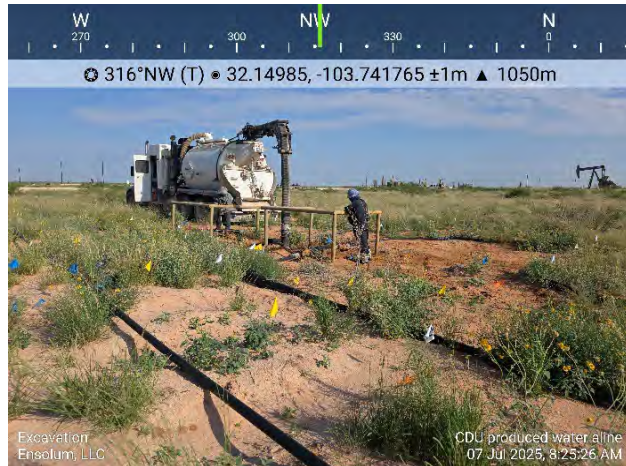
Photograph 12
Description: BH02 core
View: Northwest

Date: 5/16/2025



Photographic Log

Devon Energy Production Company, LP
CDU Produced Water Line
nAPP2508644611



Photograph 13
Description: Excavation
View: Northwest

Date: 7/7/2025



Photograph 14
Description: Excavation
View: Northeast

Date: 7/7/2025



Photograph 15
Description: Excavation
View: South

Date: 7/7/2025



Photograph 16
Description: Excavation
View: Northeast

Date: 7/8/2025



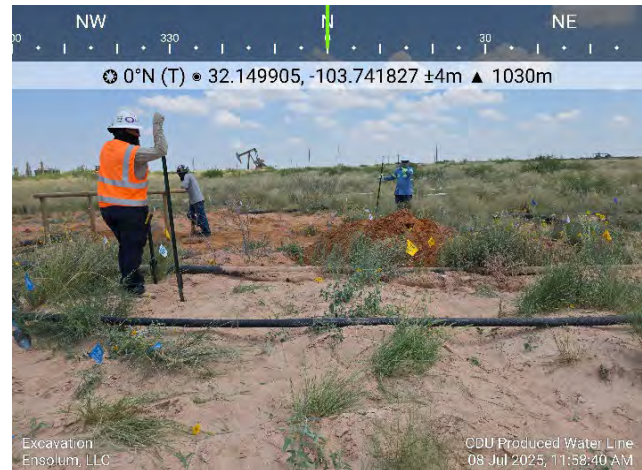
Photographic Log

Devon Energy Production Company, LP
CDU Produced Water Line
nAPP2508644611



Photograph 17
Description: Excavation
View: North

Date: 7/8/2025



Photograph 18
Description: Excavation
View: North

Date: 7/8/2025



Photograph 19
Description: Excavation
View: North

Date: 7/9/2025



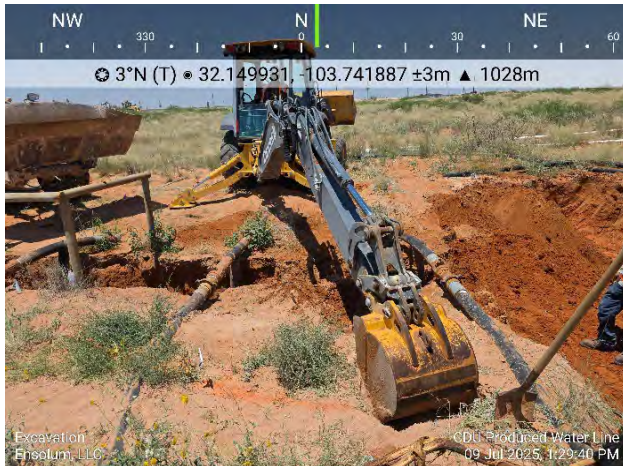
Photograph 20
Description: Excavation
View: North

Date: 7/9/2025



Photographic Log

Devon Energy Production Company, LP
CDU Produced Water Line
nAPP2508644611



Photograph 21
Description: Excavation
View: North

Date: 7/9/2025



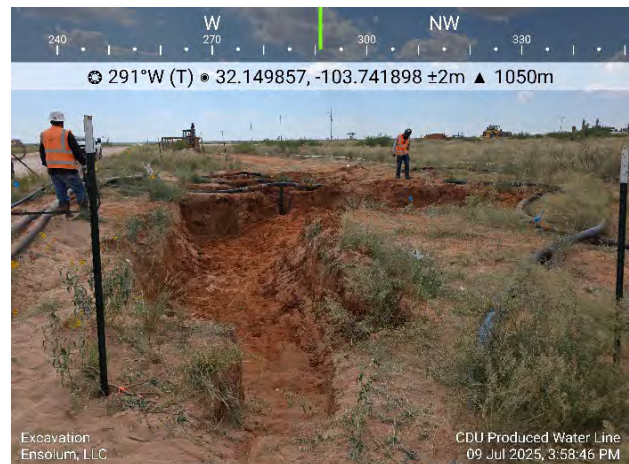
Photograph 22
Description: Excavation
View: North

Date: 7/9/2025



Photograph 23
Description: Excavation
View: Northeast

Date: 7/9/2025



Photograph 24
Description: Excavation
View: West

Date: 7/9/2025



Photographic Log

Devon Energy Production Company, LP
CDU Produced Water Line
nAPP2508644611



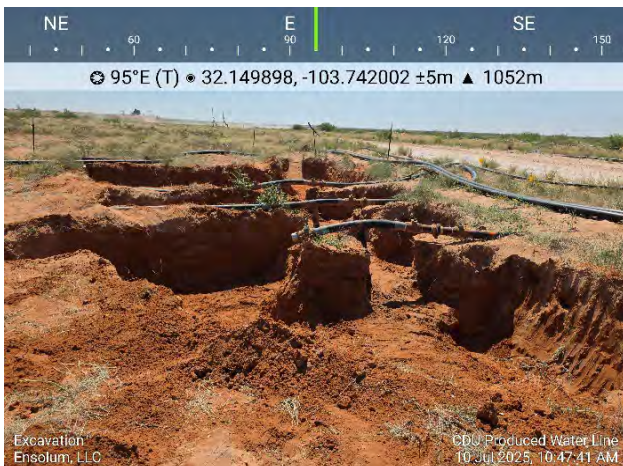
Photograph 25
Description: Excavation
View: Northwest

Date: 7/10/2025



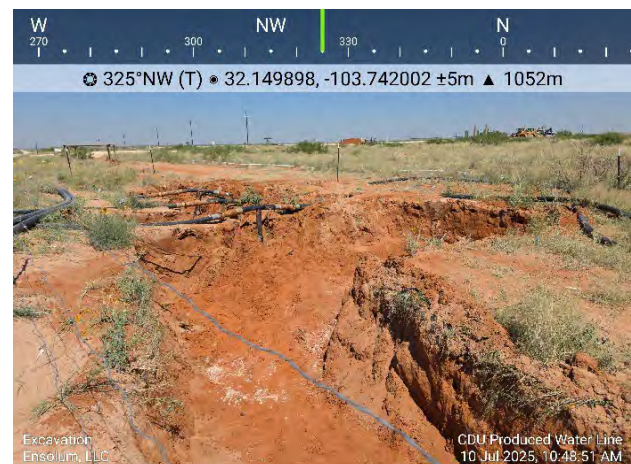
Photograph 26
Description: Excavation
View: Northeast

Date: 7/10/2025



Photograph 27
Description: Excavation
View: East

Date: 7/10/2025



Photograph 28
Description: Excavation
View: Northwest

Date: 7/10/2025



APPENDIX D

Laboratory Analytical Reports & Chain-of-Custody Documentation

Report to:

Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: CDU Produced Water Line

Work Order: E504205

Job Number: 01058-0007

Received: 4/22/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/28/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 4/28/25



Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: CDU Produced Water Line
Workorder: E504205
Date Received: 4/22/2025 8:00:54AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/22/2025 8:00:54AM, under the Project Name: CDU Produced Water Line.

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

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

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

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

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
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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:	CDU Produced Water Line	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	04/28/25 12:30

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS01-0'	E504205-01A	Soil	04/18/25	04/22/25	Glass Jar, 2 oz.
SS01-1'	E504205-02A	Soil	04/18/25	04/22/25	Glass Jar, 2 oz.
SS02-0'	E504205-03A	Soil	04/18/25	04/22/25	Glass Jar, 2 oz.
SS02-1'	E504205-04A	Soil	04/18/25	04/22/25	Glass Jar, 2 oz.
SS03-0'	E504205-05A	Soil	04/18/25	04/22/25	Glass Jar, 2 oz.
SS03-1'	E504205-06A	Soil	04/18/25	04/22/25	Glass Jar, 2 oz.
SS04-0'	E504205-07A	Soil	04/18/25	04/22/25	Glass Jar, 2 oz.
SS04-1'	E504205-08A	Soil	04/18/25	04/22/25	Glass Jar, 2 oz.
BH01-0'	E504205-09A	Soil	04/18/25	04/22/25	Glass Jar, 2 oz.
BH01-1'	E504205-10A	Soil	04/18/25	04/22/25	Glass Jar, 2 oz.
BH01-3'	E504205-11A	Soil	04/18/25	04/22/25	Glass Jar, 2 oz.
BH01-5.5'	E504205-12A	Soil	04/18/25	04/22/25	Glass Jar, 2 oz.
BH02-0'	E504205-13A	Soil	04/18/25	04/22/25	Glass Jar, 2 oz.
BH02-1'	E504205-14A	Soil	04/18/25	04/22/25	Glass Jar, 2 oz.
BH02-3'	E504205-15A	Soil	04/18/25	04/22/25	Glass Jar, 2 oz.
BH02-5.5'	E504205-16A	Soil	04/18/25	04/22/25	Glass Jar, 2 oz.
BH03-0'	E504205-17A	Soil	04/18/25	04/22/25	Glass Jar, 2 oz.
BH03-1'	E504205-18A	Soil	04/18/25	04/22/25	Glass Jar, 2 oz.
BH03-3'	E504205-19A	Soil	04/18/25	04/22/25	Glass Jar, 2 oz.
BH03-5.5'	E504205-20A	Soil	04/18/25	04/22/25	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: CDU Produced Water Line Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 4/28/2025 12:30:16PM
---	---	--

SS01-0'

E504205-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2517027	
Benzene	ND	0.0250	1	04/22/25	04/23/25	
Ethylbenzene	ND	0.0250	1	04/22/25	04/23/25	
Toluene	ND	0.0250	1	04/22/25	04/23/25	
o-Xylene	ND	0.0250	1	04/22/25	04/23/25	
p,m-Xylene	ND	0.0500	1	04/22/25	04/23/25	
Total Xylenes	ND	0.0250	1	04/22/25	04/23/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	86.2 %	70-130		04/22/25	04/23/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2517027	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/25	04/23/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	93.3 %	70-130		04/22/25	04/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2517037	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/25	04/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/25	04/22/25	
<i>Surrogate: n-Nonane</i>	93.3 %	61-141		04/22/25	04/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2517040	
Chloride	ND	20.0	1	04/22/25	04/22/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: CDU Produced Water Line
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/28/2025 12:30:16PM

SS01-1'

E504205-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2517027	
Benzene	ND	0.0250	1	04/22/25	04/23/25	
Ethylbenzene	ND	0.0250	1	04/22/25	04/23/25	
Toluene	ND	0.0250	1	04/22/25	04/23/25	
o-Xylene	ND	0.0250	1	04/22/25	04/23/25	
p,m-Xylene	ND	0.0500	1	04/22/25	04/23/25	
Total Xylenes	ND	0.0250	1	04/22/25	04/23/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	89.9 %	70-130		04/22/25	04/23/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2517027	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/25	04/23/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	93.6 %	70-130		04/22/25	04/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2517037	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/25	04/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/25	04/22/25	
<i>Surrogate: n-Nonane</i>	92.9 %	61-141		04/22/25	04/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2517040	
Chloride	ND	20.0	1	04/22/25	04/22/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: CDU Produced Water Line
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/28/2025 12:30:16PM

SS02-0'

E504205-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2517027
Benzene	ND	0.0250	1	04/22/25	04/23/25	
Ethylbenzene	ND	0.0250	1	04/22/25	04/23/25	
Toluene	ND	0.0250	1	04/22/25	04/23/25	
o-Xylene	ND	0.0250	1	04/22/25	04/23/25	
p,m-Xylene	ND	0.0500	1	04/22/25	04/23/25	
Total Xylenes	ND	0.0250	1	04/22/25	04/23/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.6 %	70-130		04/22/25	04/23/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2517027
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/25	04/23/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.6 %	70-130		04/22/25	04/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2517037
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/25	04/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/25	04/22/25	
<i>Surrogate: n-Nonane</i>						
	93.4 %	61-141		04/22/25	04/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2517040
Chloride	ND	20.0	1	04/22/25	04/22/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: CDU Produced Water Line
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/28/2025 12:30:16PM

SS02-1'

E504205-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2517027
Benzene	ND	0.0250	1	04/22/25	04/23/25	
Ethylbenzene	ND	0.0250	1	04/22/25	04/23/25	
Toluene	ND	0.0250	1	04/22/25	04/23/25	
o-Xylene	ND	0.0250	1	04/22/25	04/23/25	
p,m-Xylene	ND	0.0500	1	04/22/25	04/23/25	
Total Xylenes	ND	0.0250	1	04/22/25	04/23/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		91.2 %	70-130	04/22/25	04/23/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2517027
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/25	04/23/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.6 %	70-130	04/22/25	04/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2517037
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/25	04/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/25	04/22/25	
<i>Surrogate: n-Nonane</i>						
		92.4 %	61-141	04/22/25	04/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2517040
Chloride	ND	20.0	1	04/22/25	04/22/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: CDU Produced Water Line
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/28/2025 12:30:16PM

SS03-0'

E504205-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2517027
Benzene	ND	0.0250	1	04/22/25	04/23/25	
Ethylbenzene	ND	0.0250	1	04/22/25	04/23/25	
Toluene	ND	0.0250	1	04/22/25	04/23/25	
o-Xylene	ND	0.0250	1	04/22/25	04/23/25	
p,m-Xylene	ND	0.0500	1	04/22/25	04/23/25	
Total Xylenes	ND	0.0250	1	04/22/25	04/23/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.8 %	70-130		04/22/25	04/23/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2517027
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/25	04/23/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.5 %	70-130		04/22/25	04/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2517037
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/25	04/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/25	04/22/25	
<i>Surrogate: n-Nonane</i>						
	96.1 %	61-141		04/22/25	04/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2517040
Chloride	ND	20.0	1	04/22/25	04/22/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: CDU Produced Water Line
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/28/2025 12:30:16PM

SS03-1'

E504205-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2517027	
Benzene	ND	0.0250	1	04/22/25	04/23/25	
Ethylbenzene	ND	0.0250	1	04/22/25	04/23/25	
Toluene	ND	0.0250	1	04/22/25	04/23/25	
o-Xylene	ND	0.0250	1	04/22/25	04/23/25	
p,m-Xylene	ND	0.0500	1	04/22/25	04/23/25	
Total Xylenes	ND	0.0250	1	04/22/25	04/23/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	88.1 %	70-130		04/22/25	04/23/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2517027	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/25	04/23/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	93.5 %	70-130		04/22/25	04/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2517037	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/25	04/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/25	04/22/25	
<i>Surrogate: n-Nonane</i>	94.9 %	61-141		04/22/25	04/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2517040	
Chloride	ND	20.0	1	04/22/25	04/22/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: CDU Produced Water Line
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/28/2025 12:30:16PM

SS04-0'

E504205-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2517027	
Benzene	ND	0.0250	1	04/22/25	04/23/25	
Ethylbenzene	ND	0.0250	1	04/22/25	04/23/25	
Toluene	ND	0.0250	1	04/22/25	04/23/25	
o-Xylene	ND	0.0250	1	04/22/25	04/23/25	
p,m-Xylene	ND	0.0500	1	04/22/25	04/23/25	
Total Xylenes	ND	0.0250	1	04/22/25	04/23/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	90.4 %	70-130		04/22/25	04/23/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2517027	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/25	04/23/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	94.0 %	70-130		04/22/25	04/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2517037	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/25	04/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/25	04/22/25	
<i>Surrogate: n-Nonane</i>	93.6 %	61-141		04/22/25	04/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2517040	
Chloride	32.3	20.0	1	04/22/25	04/22/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: CDU Produced Water Line
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/28/2025 12:30:16PM

SS04-1'

E504205-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2517027
Benzene	ND	0.0250	1	04/22/25	04/23/25	
Ethylbenzene	ND	0.0250	1	04/22/25	04/23/25	
Toluene	ND	0.0250	1	04/22/25	04/23/25	
o-Xylene	ND	0.0250	1	04/22/25	04/23/25	
p,m-Xylene	ND	0.0500	1	04/22/25	04/23/25	
Total Xylenes	ND	0.0250	1	04/22/25	04/23/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.3 %	70-130		04/22/25	04/23/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2517027
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/25	04/23/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.6 %	70-130		04/22/25	04/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2517037
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/25	04/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/25	04/22/25	
<i>Surrogate: n-Nonane</i>						
	91.8 %	61-141		04/22/25	04/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2517040
Chloride	25.1	20.0	1	04/22/25	04/22/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: CDU Produced Water Line
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/28/2025 12:30:16PM

BH01-0'

E504205-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2517027
Benzene	ND	0.0250	1	04/22/25	04/23/25	
Ethylbenzene	ND	0.0250	1	04/22/25	04/23/25	
Toluene	ND	0.0250	1	04/22/25	04/23/25	
o-Xylene	ND	0.0250	1	04/22/25	04/23/25	
p,m-Xylene	ND	0.0500	1	04/22/25	04/23/25	
Total Xylenes	ND	0.0250	1	04/22/25	04/23/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.1 %	70-130		04/22/25	04/23/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2517027
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/25	04/23/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.9 %	70-130		04/22/25	04/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2517037
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/25	04/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/25	04/22/25	
<i>Surrogate: n-Nonane</i>						
	94.1 %	61-141		04/22/25	04/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2517040
Chloride	3170	40.0	2	04/22/25	04/22/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: CDU Produced Water Line
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/28/2025 12:30:16PM

BH01-1'

E504205-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2517027
Benzene	ND	0.0250	1	04/22/25	04/23/25	
Ethylbenzene	ND	0.0250	1	04/22/25	04/23/25	
Toluene	ND	0.0250	1	04/22/25	04/23/25	
o-Xylene	ND	0.0250	1	04/22/25	04/23/25	
p,m-Xylene	ND	0.0500	1	04/22/25	04/23/25	
Total Xylenes	ND	0.0250	1	04/22/25	04/23/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.4 %	70-130		04/22/25	04/23/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2517027
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/25	04/23/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.1 %	70-130		04/22/25	04/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2517037
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/25	04/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/25	04/22/25	
<i>Surrogate: n-Nonane</i>						
	92.6 %	61-141		04/22/25	04/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2517040
Chloride	7150	100	5	04/22/25	04/22/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: CDU Produced Water Line
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/28/2025 12:30:16PM

BH01-3'

E504205-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2517027
Benzene	ND	0.0250	1	04/22/25	04/23/25	
Ethylbenzene	ND	0.0250	1	04/22/25	04/23/25	
Toluene	ND	0.0250	1	04/22/25	04/23/25	
o-Xylene	ND	0.0250	1	04/22/25	04/23/25	
p,m-Xylene	ND	0.0500	1	04/22/25	04/23/25	
Total Xylenes	ND	0.0250	1	04/22/25	04/23/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.1 %	70-130		04/22/25	04/23/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2517027
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/25	04/23/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	99.7 %	70-130		04/22/25	04/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2517037
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/25	04/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/25	04/22/25	
<i>Surrogate: n-Nonane</i>						
	91.2 %	61-141		04/22/25	04/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2517040
Chloride	5360	100	5	04/22/25	04/22/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: CDU Produced Water Line
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/28/2025 12:30:16PM

BH01-5.5'

E504205-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2517027
Benzene	ND	0.0250	1	04/22/25	04/23/25	
Ethylbenzene	ND	0.0250	1	04/22/25	04/23/25	
Toluene	ND	0.0250	1	04/22/25	04/23/25	
o-Xylene	ND	0.0250	1	04/22/25	04/23/25	
p,m-Xylene	ND	0.0500	1	04/22/25	04/23/25	
Total Xylenes	ND	0.0250	1	04/22/25	04/23/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.1 %	70-130		04/22/25	04/23/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2517027
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/25	04/23/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.2 %	70-130		04/22/25	04/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2517037
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/25	04/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/25	04/22/25	
<i>Surrogate: n-Nonane</i>						
	93.4 %	61-141		04/22/25	04/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2517040
Chloride	5580	40.0	2	04/22/25	04/22/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: CDU Produced Water Line
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/28/2025 12:30:16PM

BH02-0'

E504205-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2517027	
Benzene	ND	0.0250	1	04/22/25	04/23/25	
Ethylbenzene	ND	0.0250	1	04/22/25	04/23/25	
Toluene	ND	0.0250	1	04/22/25	04/23/25	
o-Xylene	ND	0.0250	1	04/22/25	04/23/25	
p,m-Xylene	ND	0.0500	1	04/22/25	04/23/25	
Total Xylenes	ND	0.0250	1	04/22/25	04/23/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	99.6 %	70-130		04/22/25	04/23/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2517027	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/25	04/23/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	97.6 %	70-130		04/22/25	04/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2517037	
Diesel Range Organics (C10-C28)	2800	25.0	1	04/22/25	04/22/25	
Oil Range Organics (C28-C36)	1020	50.0	1	04/22/25	04/22/25	
<i>Surrogate: n-Nonane</i>	96.1 %	61-141		04/22/25	04/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2517040	
Chloride	5870	100	5	04/22/25	04/22/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: CDU Produced Water Line
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/28/2025 12:30:16PM

BH02-1'

E504205-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2517027	
Benzene	ND	0.0250	1	04/22/25	04/23/25	
Ethylbenzene	ND	0.0250	1	04/22/25	04/23/25	
Toluene	ND	0.0250	1	04/22/25	04/23/25	
o-Xylene	ND	0.0250	1	04/22/25	04/23/25	
p,m-Xylene	ND	0.0500	1	04/22/25	04/23/25	
Total Xylenes	ND	0.0250	1	04/22/25	04/23/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		109 %	70-130	04/22/25	04/23/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2517027	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/25	04/23/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		101 %	70-130	04/22/25	04/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2517037	
Diesel Range Organics (C10-C28)	1890	25.0	1	04/22/25	04/22/25	
Oil Range Organics (C28-C36)	719	50.0	1	04/22/25	04/22/25	
<i>Surrogate: n-Nonane</i>		94.6 %	61-141	04/22/25	04/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2517040	
Chloride	4950	40.0	2	04/22/25	04/22/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: CDU Produced Water Line
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/28/2025 12:30:16PM

BH02-3'

E504205-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2517027
Benzene	ND	0.0250	1	04/22/25	04/23/25	
Ethylbenzene	ND	0.0250	1	04/22/25	04/23/25	
Toluene	ND	0.0250	1	04/22/25	04/23/25	
o-Xylene	ND	0.0250	1	04/22/25	04/23/25	
p,m-Xylene	ND	0.0500	1	04/22/25	04/23/25	
Total Xylenes	ND	0.0250	1	04/22/25	04/23/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		107 %	70-130	04/22/25	04/23/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2517027
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/25	04/23/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		100 %	70-130	04/22/25	04/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2517037
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/25	04/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/25	04/22/25	
<i>Surrogate: n-Nonane</i>						
		96.4 %	61-141	04/22/25	04/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2517040
Chloride	7250	100	5	04/22/25	04/22/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: CDU Produced Water Line
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/28/2025 12:30:16PM

BH02-5.5'

E504205-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2517027
Benzene	ND	0.0250	1	04/22/25	04/23/25	
Ethylbenzene	ND	0.0250	1	04/22/25	04/23/25	
Toluene	ND	0.0250	1	04/22/25	04/23/25	
o-Xylene	ND	0.0250	1	04/22/25	04/23/25	
p,m-Xylene	ND	0.0500	1	04/22/25	04/23/25	
Total Xylenes	ND	0.0250	1	04/22/25	04/23/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.0 %	70-130		04/22/25	04/23/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2517027
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/25	04/23/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	99.4 %	70-130		04/22/25	04/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2517037
Diesel Range Organics (C10-C28)	241	25.0	1	04/22/25	04/22/25	
Oil Range Organics (C28-C36)	126	50.0	1	04/22/25	04/22/25	
<i>Surrogate: n-Nonane</i>						
	93.8 %	61-141		04/22/25	04/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2517040
Chloride	10700	200	10	04/22/25	04/22/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: CDU Produced Water Line
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/28/2025 12:30:16PM

BH03-0'

E504205-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2517027
Benzene	ND	0.0250	1	04/22/25	04/23/25	
Ethylbenzene	ND	0.0250	1	04/22/25	04/23/25	
Toluene	ND	0.0250	1	04/22/25	04/23/25	
o-Xylene	ND	0.0250	1	04/22/25	04/23/25	
p,m-Xylene	ND	0.0500	1	04/22/25	04/23/25	
Total Xylenes	ND	0.0250	1	04/22/25	04/23/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.8 %	70-130		04/22/25	04/23/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2517027
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/25	04/23/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.6 %	70-130		04/22/25	04/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2517037
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/25	04/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/25	04/22/25	
<i>Surrogate: n-Nonane</i>						
	93.5 %	61-141		04/22/25	04/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2517040
Chloride	3180	40.0	2	04/22/25	04/22/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: CDU Produced Water Line
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/28/2025 12:30:16PM

BH03-1'

E504205-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2517027
Benzene	ND	0.0250	1	04/22/25	04/23/25	
Ethylbenzene	ND	0.0250	1	04/22/25	04/23/25	
Toluene	ND	0.0250	1	04/22/25	04/23/25	
o-Xylene	ND	0.0250	1	04/22/25	04/23/25	
p,m-Xylene	ND	0.0500	1	04/22/25	04/23/25	
Total Xylenes	ND	0.0250	1	04/22/25	04/23/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.3 %	70-130		04/22/25	04/23/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2517027
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/25	04/23/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	103 %	70-130		04/22/25	04/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2517037
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/25	04/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/25	04/23/25	
<i>Surrogate: n-Nonane</i>						
	94.3 %	61-141		04/22/25	04/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2517040
Chloride	4730	40.0	2	04/22/25	04/22/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: CDU Produced Water Line
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/28/2025 12:30:16PM

BH03-3'

E504205-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2517027
Benzene	ND	0.0250	1	04/22/25	04/23/25	
Ethylbenzene	ND	0.0250	1	04/22/25	04/23/25	
Toluene	ND	0.0250	1	04/22/25	04/23/25	
o-Xylene	ND	0.0250	1	04/22/25	04/23/25	
p,m-Xylene	ND	0.0500	1	04/22/25	04/23/25	
Total Xylenes	ND	0.0250	1	04/22/25	04/23/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.4 %	70-130		04/22/25	04/23/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2517027
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/25	04/23/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.4 %	70-130		04/22/25	04/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2517037
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/25	04/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/25	04/23/25	
<i>Surrogate: n-Nonane</i>						
	93.9 %	61-141		04/22/25	04/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2517040
Chloride	8290	200	10	04/22/25	04/22/25	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: CDU Produced Water Line Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 4/28/2025 12:30:16PM
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BH03-5.5'

E504205-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2517027	
Benzene	ND	0.0250	1	04/22/25	04/23/25	
Ethylbenzene	ND	0.0250	1	04/22/25	04/23/25	
Toluene	ND	0.0250	1	04/22/25	04/23/25	
o-Xylene	ND	0.0250	1	04/22/25	04/23/25	
p,m-Xylene	ND	0.0500	1	04/22/25	04/23/25	
Total Xylenes	ND	0.0250	1	04/22/25	04/23/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.0 %	70-130		04/22/25	04/23/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2517027	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/25	04/23/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.6 %	70-130		04/22/25	04/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2517037	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/25	04/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/25	04/23/25	
<i>Surrogate: n-Nonane</i>						
	91.8 %	61-141		04/22/25	04/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2517040	
Chloride	4340	40.0	2	04/22/25	04/23/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	CDU Produced Water Line	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	4/28/2025 12:30:16PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2517027-BLK1)

Prepared: 04/22/25 Analyzed: 04/23/25

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	7.00		8.00		87.5	70-130			

LCS (2517027-BS1)

Prepared: 04/22/25 Analyzed: 04/23/25

Benzene	4.88	0.0250	5.00		97.6	70-130			
Ethylbenzene	4.79	0.0250	5.00		95.8	70-130			
Toluene	4.85	0.0250	5.00		97.1	70-130			
o-Xylene	4.75	0.0250	5.00		95.1	70-130			
p,m-Xylene	9.69	0.0500	10.0		96.9	70-130			
Total Xylenes	14.4	0.0250	15.0		96.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.14		8.00		89.2	70-130			

Matrix Spike (2517027-MS1)

Source: E504205-01

Prepared: 04/22/25 Analyzed: 04/23/25

Benzene	5.53	0.0250	5.00	ND	111	70-130			
Ethylbenzene	5.39	0.0250	5.00	ND	108	70-130			
Toluene	5.48	0.0250	5.00	ND	110	70-130			
o-Xylene	5.35	0.0250	5.00	ND	107	70-130			
p,m-Xylene	10.9	0.0500	10.0	ND	109	70-130			
Total Xylenes	16.2	0.0250	15.0	ND	108	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.06		8.00		88.2	70-130			

Matrix Spike Dup (2517027-MSD1)

Source: E504205-01

Prepared: 04/22/25 Analyzed: 04/23/25

Benzene	5.74	0.0250	5.00	ND	115	70-130	3.70	27	
Ethylbenzene	5.64	0.0250	5.00	ND	113	70-130	4.47	26	
Toluene	5.71	0.0250	5.00	ND	114	70-130	4.06	20	
o-Xylene	5.58	0.0250	5.00	ND	112	70-130	4.24	25	
p,m-Xylene	11.4	0.0500	10.0	ND	114	70-130	4.53	23	
Total Xylenes	16.9	0.0250	15.0	ND	113	70-130	4.44	26	
Surrogate: 4-Bromochlorobenzene-PID	7.16		8.00		89.5	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	CDU Produced Water Line	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	4/28/2025 12:30:16PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2517027-BLK1) Prepared: 04/22/25 Analyzed: 04/23/25

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

LCS (2517027-BS2) Prepared: 04/22/25 Analyzed: 04/23/25

Gasoline Range Organics (C6-C10)	40.9	20.0	50.0		81.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.51		8.00		93.8	70-130			

Matrix Spike (2517027-MS2) Source: E504205-01 Prepared: 04/22/25 Analyzed: 04/23/25

Gasoline Range Organics (C6-C10)	38.6	20.0	50.0	ND	77.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.63		8.00		95.3	70-130			

Matrix Spike Dup (2517027-MSD2) Source: E504205-01 Prepared: 04/22/25 Analyzed: 04/23/25

Gasoline Range Organics (C6-C10)	40.8	20.0	50.0	ND	81.5	70-130	5.51	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.50		8.00		93.7	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	CDU Produced Water Line	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	4/28/2025 12:30:16PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2517037-BLK1)					Prepared: 04/22/25 Analyzed: 04/22/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.6		50.0		97.2	61-141			

LCS (2517037-BS1)					Prepared: 04/22/25 Analyzed: 04/22/25				
Diesel Range Organics (C10-C28)	253	25.0	250		101	66-144			
Surrogate: n-Nonane	48.0		50.0		95.9	61-141			

Matrix Spike (2517037-MS1)					Source: E504205-04		Prepared: 04/22/25 Analyzed: 04/22/25		
Diesel Range Organics (C10-C28)	256	25.0	250	ND	102	56-156			
Surrogate: n-Nonane	49.4		50.0		98.8	61-141			

Matrix Spike Dup (2517037-MSD1)					Source: E504205-04		Prepared: 04/22/25 Analyzed: 04/22/25		
Diesel Range Organics (C10-C28)	248	25.0	250	ND	99.2	56-156	3.22	20	
Surrogate: n-Nonane	47.2		50.0		94.5	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	CDU Produced Water Line	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	4/28/2025 12:30:16PM

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (2517040-BLK1)					Prepared: 04/22/25 Analyzed: 04/22/25				
Chloride	ND	20.0							
LCS (2517040-BS1)					Prepared: 04/22/25 Analyzed: 04/22/25				
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2517040-MS1)					Source: E504205-04		Prepared: 04/22/25 Analyzed: 04/22/25		
Chloride	265	20.0	250	ND	106	80-120			
Matrix Spike Dup (2517040-MSD1)					Source: E504205-04		Prepared: 04/22/25 Analyzed: 04/22/25		
Chloride	266	20.0	250	ND	106	80-120	0.174	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:	CDU Produced Water Line	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	04/28/25 12:30

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



Client Information				Invoice Information		Lab Use Only		TAT				State					
Client: Devon				Company: Devon Energy		Lab WO#		1D 2D 3D Std				NM CO UT TX					
Project: <u>COU Produced Water Line</u>				Address: 5315 Buena Vista Dr		E504205		Job Number				01058-0007					
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220								X					
Address: 3122 National Parks Hwy				Phone: (575)689-7597													
City, State, Zip: Carlsbad NM, 88220				Email: jim.raley@env.com													
Phone: 575-988-0055				Miscellaneous: Jim Raley													
Email: agiovengo@ensolum.com																	
Sample Information										Analysis and Method				EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	SDWA	CWA	RCRA
0858	4/18/25	Soil	1	SS01-0'		1						+					
1034				01-1'		2						+					
0904				02-0'		3						+					
1036				02-1'		4						+					
0905				03-0'		5						+					
1037				03-1'		6						+					
0907				04-0'		7						+					
1041				04-1'		8						+					
1044				BH01-0'		9						+					
1046				BH01-1'		10						+					
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@env.com, iestrella@ensolum.com, chamilton@ensolum.com, bsimmons@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: Jenna Hinkle and Rythum Rai																	
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days. Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C _____									
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time										
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time										
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time										
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other										Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA							
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																	



Client Information				Invoice Information		Lab Use Only		TAT				State					
Client: Devon				Company: Devon Energy		Lab WO#		1D 2D 3D Std				NM CO UT TX					
Project: <u>CDU Produced Water Line</u>				Address: 5315 Buena Vista Dr		E504205		Job Number				01058-0007					
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220								X					
Address: 3122 National Parks Hwy				Phone: (575)689-7597													
City, State, Zip: Carlsbad NM, 88220				Email: jim.raley@dyn.com													
Phone: 575-988-0055				Miscellaneous: Jim Raley													
Email: agiovengo@ensolum.com																	
Sample Information						Analysis and Method								EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	SDWA	CWA	RCRA
1130	4/18/25	Sol	1	BH01-3'		11						X					
1226				01-5.5'		12						X					
1052				02-0'		13						X					
1054				02-1'		14						X					
1127				02-3'		15						X					
1242				02-5.5'		16						X					
1058				03-0'		17						X					
1059				03-1'		18						X					
1121				03-3'		19						X					
1247				03-5.5'		20						X					
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dyn.com, iestrella@ensolum.com, chamilton@ensolum.com, bsimmons@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: Jenna Hinkle and Rythum Rai																	
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days. Lab Use Only Received on ice: <input checked="" type="radio"/> Y / <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA									
Jenna Hinkle		4.21.25	1045	Jenna Hinkle		4.21.25	1045										
Jenna Hinkle		4.21.25	1800	J.M.		4.21.25	1600										
J.M.		4.21.25	2230	Caitlin Mann		4.22.25	800										
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time										
Caitlin Mann																	
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.																	



Envirotech Analytical Laboratory

Printed: 4/22/2025 10:35:02AM

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:	04/22/25 08:00	Work Order ID:	E504205
Phone:	(505) 382-1211	Date Logged In:	04/21/25 15:35	Logged In By:	Noe Soto
Email:	agiovento@ensolum.com	Due Date:	04/28/25 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/Resolution

Individual temperatures listed on COC.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? Yes

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: CDU Produced Water Line

Work Order: E505086

Job Number: 01058-0007

Received: 5/8/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/14/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 5/14/25



Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: CDU Produced Water Line
Workorder: E505086
Date Received: 5/8/2025 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/8/2025 7:00:00AM, under the Project Name: CDU Produced Water Line.

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

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

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

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

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	CDU Produced Water Line	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	05/14/25 09:02

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH01-4'	E505086-01A	Soil	05/06/25	05/08/25	Glass Jar, 2 oz.
BH01-6'	E505086-02A	Soil	05/06/25	05/08/25	Glass Jar, 2 oz.
BH01-8'	E505086-03A	Soil	05/06/25	05/08/25	Glass Jar, 2 oz.
BH01-10'	E505086-04A	Soil	05/06/25	05/08/25	Glass Jar, 2 oz.
BH01-12'	E505086-05A	Soil	05/06/25	05/08/25	Glass Jar, 2 oz.
BH01-14'	E505086-06A	Soil	05/06/25	05/08/25	Glass Jar, 2 oz.
BH01-16'	E505086-07A	Soil	05/06/25	05/08/25	Glass Jar, 2 oz.
BH01-17'	E505086-08A	Soil	05/06/25	05/08/25	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: CDU Produced Water Line Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 5/14/2025 9:02:18AM
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BH01-4'

E505086-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2519095	
Benzene	ND	0.0250	1	05/08/25	05/10/25	
Ethylbenzene	ND	0.0250	1	05/08/25	05/10/25	
Toluene	ND	0.0250	1	05/08/25	05/10/25	
o-Xylene	ND	0.0250	1	05/08/25	05/10/25	
p,m-Xylene	ND	0.0500	1	05/08/25	05/10/25	
Total Xylenes	ND	0.0250	1	05/08/25	05/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	05/08/25	05/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2519095	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/25	05/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.5 %	70-130	05/08/25	05/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM		Batch: 2519143	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/09/25	05/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/09/25	05/10/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	05/09/25	05/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2520012	
Chloride	6610	100	5	05/12/25	05/12/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: CDU Produced Water Line
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
5/14/2025 9:02:18AM

BH01-6'

E505086-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2519095	
Benzene	ND	0.0250	1	05/08/25	05/10/25	
Ethylbenzene	ND	0.0250	1	05/08/25	05/10/25	
Toluene	ND	0.0250	1	05/08/25	05/10/25	
o-Xylene	ND	0.0250	1	05/08/25	05/10/25	
p,m-Xylene	ND	0.0500	1	05/08/25	05/10/25	
Total Xylenes	ND	0.0250	1	05/08/25	05/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	05/08/25	05/10/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2519095	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/25	05/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.8 %	70-130	05/08/25	05/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: HM		Batch: 2519143	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/09/25	05/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/09/25	05/10/25	
<i>Surrogate: n-Nonane</i>						
		97.5 %	61-141	05/09/25	05/10/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2520012	
Chloride	6410	100	5	05/12/25	05/12/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: CDU Produced Water Line
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
5/14/2025 9:02:18AM

BH01-8'

E505086-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2519095	
Benzene	ND	0.0250	1	05/08/25	05/10/25	
Ethylbenzene	ND	0.0250	1	05/08/25	05/10/25	
Toluene	ND	0.0250	1	05/08/25	05/10/25	
o-Xylene	ND	0.0250	1	05/08/25	05/10/25	
p,m-Xylene	ND	0.0500	1	05/08/25	05/10/25	
Total Xylenes	ND	0.0250	1	05/08/25	05/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.1 %	70-130		05/08/25	05/10/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2519095	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/25	05/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.3 %	70-130		05/08/25	05/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: HM		Batch: 2519143	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/09/25	05/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/09/25	05/10/25	
<i>Surrogate: n-Nonane</i>						
	99.4 %	61-141		05/09/25	05/10/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2520012	
Chloride	8460	200	10	05/12/25	05/12/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: CDU Produced Water Line
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
5/14/2025 9:02:18AM

BH01-10'

E505086-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2519095
Benzene	ND	0.0250	1	05/08/25	05/10/25	
Ethylbenzene	ND	0.0250	1	05/08/25	05/10/25	
Toluene	ND	0.0250	1	05/08/25	05/10/25	
o-Xylene	ND	0.0250	1	05/08/25	05/10/25	
p,m-Xylene	ND	0.0500	1	05/08/25	05/10/25	
Total Xylenes	ND	0.0250	1	05/08/25	05/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.9 %	70-130		05/08/25	05/10/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2519095
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/25	05/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.3 %	70-130		05/08/25	05/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2519143
Diesel Range Organics (C10-C28)	ND	25.0	1	05/09/25	05/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/09/25	05/10/25	
<i>Surrogate: n-Nonane</i>						
	103 %	61-141		05/09/25	05/10/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2520012
Chloride	12900	200	10	05/12/25	05/12/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: CDU Produced Water Line
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
5/14/2025 9:02:18AM

BH01-12'

E505086-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2519095	
Benzene	ND	0.0250	1	05/08/25	05/10/25	
Ethylbenzene	ND	0.0250	1	05/08/25	05/10/25	
Toluene	ND	0.0250	1	05/08/25	05/10/25	
o-Xylene	ND	0.0250	1	05/08/25	05/10/25	
p,m-Xylene	ND	0.0500	1	05/08/25	05/10/25	
Total Xylenes	ND	0.0250	1	05/08/25	05/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	05/08/25	05/10/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2519095	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/25	05/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.7 %	70-130	05/08/25	05/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: HM		Batch: 2519143	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/09/25	05/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/09/25	05/10/25	
<i>Surrogate: n-Nonane</i>						
		99.4 %	61-141	05/09/25	05/10/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2520012	
Chloride	6530	100	5	05/12/25	05/12/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: CDU Produced Water Line
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
5/14/2025 9:02:18AM

BH01-14'

E505086-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2519095
Benzene	ND	0.0250	1	05/08/25	05/10/25	
Ethylbenzene	ND	0.0250	1	05/08/25	05/10/25	
Toluene	ND	0.0250	1	05/08/25	05/10/25	
o-Xylene	ND	0.0250	1	05/08/25	05/10/25	
p,m-Xylene	ND	0.0500	1	05/08/25	05/10/25	
Total Xylenes	ND	0.0250	1	05/08/25	05/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	05/08/25	05/10/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2519095
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/25	05/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.0 %	70-130	05/08/25	05/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2519143
Diesel Range Organics (C10-C28)	ND	25.0	1	05/09/25	05/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/09/25	05/10/25	
<i>Surrogate: n-Nonane</i>						
		98.6 %	61-141	05/09/25	05/10/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2520012
Chloride	5810	100	5	05/12/25	05/12/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: CDU Produced Water Line
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
5/14/2025 9:02:18AM

BH01-16'

E505086-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2519095
Benzene	ND	0.0250	1	05/08/25	05/10/25	
Ethylbenzene	ND	0.0250	1	05/08/25	05/10/25	
Toluene	ND	0.0250	1	05/08/25	05/10/25	
o-Xylene	ND	0.0250	1	05/08/25	05/10/25	
p,m-Xylene	ND	0.0500	1	05/08/25	05/10/25	
Total Xylenes	ND	0.0250	1	05/08/25	05/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	05/08/25	05/10/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2519095
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/25	05/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.4 %	70-130	05/08/25	05/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2519143
Diesel Range Organics (C10-C28)	ND	25.0	1	05/09/25	05/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/09/25	05/10/25	
<i>Surrogate: n-Nonane</i>						
		105 %	61-141	05/09/25	05/10/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2520012
Chloride	2880	40.0	2	05/12/25	05/12/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: CDU Produced Water Line
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
5/14/2025 9:02:18AM

BH01-17'

E505086-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2519095	
Benzene	ND	0.0250	1	05/08/25	05/10/25	
Ethylbenzene	ND	0.0250	1	05/08/25	05/10/25	
Toluene	ND	0.0250	1	05/08/25	05/10/25	
o-Xylene	ND	0.0250	1	05/08/25	05/10/25	
p,m-Xylene	ND	0.0500	1	05/08/25	05/10/25	
Total Xylenes	ND	0.0250	1	05/08/25	05/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	05/08/25	05/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2519095	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/25	05/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.2 %	70-130	05/08/25	05/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM		Batch: 2519143	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/09/25	05/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/09/25	05/10/25	
<i>Surrogate: n-Nonane</i>		102 %	61-141	05/09/25	05/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2520012	
Chloride	122	20.0	1	05/12/25	05/12/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	CDU Produced Water Line	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/14/2025 9:02:18AM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2519095-BLK1)

Prepared: 05/08/25 Analyzed: 05/10/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.02		8.00		100	70-130			

LCS (2519095-BS1)

Prepared: 05/08/25 Analyzed: 05/10/25

Benzene	5.72	0.0250	5.00		114	70-130			
Ethylbenzene	5.64	0.0250	5.00		113	70-130			
Toluene	5.70	0.0250	5.00		114	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		113	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.94		8.00		99.3	70-130			

Matrix Spike (2519095-MS1)

Source: E505080-01

Prepared: 05/08/25 Analyzed: 05/10/25

Benzene	5.89	0.0250	5.00	ND	118	70-130			
Ethylbenzene	5.79	0.0250	5.00	ND	116	70-130			
Toluene	5.87	0.0250	5.00	ND	117	70-130			
o-Xylene	5.70	0.0250	5.00	ND	114	70-130			
p,m-Xylene	11.6	0.0500	10.0	ND	116	70-130			
Total Xylenes	17.3	0.0250	15.0	ND	116	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.26		8.00		103	70-130			

Matrix Spike Dup (2519095-MSD1)

Source: E505080-01

Prepared: 05/08/25 Analyzed: 05/10/25

Benzene	5.78	0.0250	5.00	ND	116	70-130	1.93	27	
Ethylbenzene	5.67	0.0250	5.00	ND	113	70-130	2.06	26	
Toluene	5.74	0.0250	5.00	ND	115	70-130	2.11	20	
o-Xylene	5.58	0.0250	5.00	ND	112	70-130	2.21	25	
p,m-Xylene	11.4	0.0500	10.0	ND	114	70-130	2.07	23	
Total Xylenes	17.0	0.0250	15.0	ND	113	70-130	2.12	26	
Surrogate: 4-Bromochlorobenzene-PID	8.14		8.00		102	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	CDU Produced Water Line	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/14/2025 9:02:18AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2519095-BLK1) Prepared: 05/08/25 Analyzed: 05/10/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.25		8.00		90.7	70-130			

LCS (2519095-BS2) Prepared: 05/08/25 Analyzed: 05/10/25

Gasoline Range Organics (C6-C10)	46.1	20.0	50.0		92.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.9	70-130			

Matrix Spike (2519095-MS2) Source: E505080-01 Prepared: 05/08/25 Analyzed: 05/10/25

Gasoline Range Organics (C6-C10)	46.7	20.0	50.0	ND	93.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.24		8.00		90.4	70-130			

Matrix Spike Dup (2519095-MSD2) Source: E505080-01 Prepared: 05/08/25 Analyzed: 05/10/25

Gasoline Range Organics (C6-C10)	48.7	20.0	50.0	ND	97.4	70-130	4.12	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.31		8.00		91.3	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	CDU Produced Water Line	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/14/2025 9:02:18AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2519143-BLK1)					Prepared: 05/09/25 Analyzed: 05/10/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.1		50.0		102	61-141			

LCS (2519143-BS1)					Prepared: 05/09/25 Analyzed: 05/10/25				
Diesel Range Organics (C10-C28)	268	25.0	250		107	66-144			
Surrogate: n-Nonane	49.4		50.0		98.9	61-141			

Matrix Spike (2519143-MS1)					Source: E505086-02		Prepared: 05/09/25 Analyzed: 05/10/25		
Diesel Range Organics (C10-C28)	287	25.0	250	ND	115	56-156			
Surrogate: n-Nonane	51.7		50.0		103	61-141			

Matrix Spike Dup (2519143-MSD1)					Source: E505086-02		Prepared: 05/09/25 Analyzed: 05/10/25		
Diesel Range Organics (C10-C28)	284	25.0	250	ND	113	56-156	1.04	20	
Surrogate: n-Nonane	50.0		50.0		100	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	CDU Produced Water Line	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/14/2025 9:02:18AM

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
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Blank (2520012-BLK1)					Prepared: 05/12/25 Analyzed: 05/12/25				
Chloride	ND	20.0							
LCS (2520012-BS1)					Prepared: 05/12/25 Analyzed: 05/12/25				
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2520012-MS1)					Source: E505086-03		Prepared: 05/12/25 Analyzed: 05/12/25		
Chloride	8490	200	250	8460	11.9	80-120			M4
Matrix Spike Dup (2520012-MSD1)					Source: E505086-03		Prepared: 05/12/25 Analyzed: 05/12/25		
Chloride	9330	200	250	8460	351	80-120	9.51	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:	CDU Produced Water Line	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	05/14/25 09:02

- 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.



Client Information				Invoice Information		Lab Use Only		TAT		State								
Client: Devon				Company: Devon Energy		Lab WO#		1D 2D 3D Std		NM CO UT TX								
Project: <u>CDU Produced Water Line</u>				Address: 5315 Buena Vista Dr		E505080		Job Number 01058-0007		x								
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220														
Address: 3122 National Parks Hwy				Phone: (575)689-7597														
City, State, Zip: Carlsbad NM, 88220				Email: jim.raley@envirotech.com														
Phone: 575-988-0055				Miscellaneous: Jim Raley														
Email: agiovengo@ensolum.com																		
Sample Information				Analysis and Method														
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA
1053	5/6/2025	Sr-1	1	BH01-4'		1												
1102				01-6'		2												
1205				01-8'		3												
1235				01-10'		4												
1321				01-12'		5												
1424				01-14'		6												
1610				01-16'		7												
1650				01-17'		8												
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@envirotech.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jhinkle@ensolum.com, akone@ensolum.com, igonzales@ensolum.com, rrai@ensolum.com, oaderinto@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: <u>Jenna Hinkle</u>																		
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: <u>(Y)</u> N						
<u>Jenna Hinkle</u>		5-7-25		1530		<u>Michelle Gonzales</u>		5-7-25		1005								
<u>Michelle Gonzales</u>		5-7-25		2200		<u>Christie</u>		5-7-25		1530								
<u>Christie</u>		5-7-25				<u>Christie</u>		5-8-25		700								
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time								
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time								
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time								
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time								
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____																		
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																		
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																		

Envirotech Analytical Laboratory

Printed: 5/8/2025 12:21:17PM

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:	05/08/25 07:00	Work Order ID:	E505086
Phone:	(505) 382-1211	Date Logged In:	05/07/25 14:41	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	05/14/25 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? Yes

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: CDU Produced Water Line

Work Order: E505217

Job Number: 01058-0007

Received: 5/20/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/27/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 5/27/25

Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210



Project Name: CDU Produced Water Line
Workorder: E505217
Date Received: 5/20/2025 7:45:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/20/2025 7:45:00AM, under the Project Name: CDU Produced Water Line.

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

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

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

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

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
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Sample Summary

Devon Energy - Carlsbad	Project Name:	CDU Produced Water Line	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	05/27/25 14:30

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH02-4'	E505217-01A	Soil	05/16/25	05/20/25	Glass Jar, 2 oz.
BH02-6'	E505217-02A	Soil	05/16/25	05/20/25	Glass Jar, 2 oz.
BH02-8'	E505217-03A	Soil	05/16/25	05/20/25	Glass Jar, 2 oz.
BH02-9'	E505217-04A	Soil	05/16/25	05/20/25	Glass Jar, 2 oz.
BH02-11'	E505217-05A	Soil	05/16/25	05/20/25	Glass Jar, 2 oz.
BH02-12'	E505217-06A	Soil	05/16/25	05/20/25	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: CDU Produced Water Line Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 5/27/2025 2:30:35PM
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BH02-4'

E505217-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2521043	
Benzene	ND	0.0250	1	05/20/25	05/22/25	
Ethylbenzene	ND	0.0250	1	05/20/25	05/22/25	
Toluene	ND	0.0250	1	05/20/25	05/22/25	
o-Xylene	ND	0.0250	1	05/20/25	05/22/25	
p,m-Xylene	ND	0.0500	1	05/20/25	05/22/25	
Total Xylenes	ND	0.0250	1	05/20/25	05/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	05/20/25	05/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2521043	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/20/25	05/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		109 %	70-130	05/20/25	05/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2521073	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/21/25	05/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/21/25	05/23/25	
<i>Surrogate: n-Nonane</i>		103 %	61-141	05/21/25	05/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2521069	
Chloride	5400	40.0	2	05/20/25	05/21/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: CDU Produced Water Line
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
5/27/2025 2:30:35PM

BH02-6'

E505217-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2521043	
Benzene	ND	0.0250	1	05/20/25	05/22/25	
Ethylbenzene	ND	0.0250	1	05/20/25	05/22/25	
Toluene	ND	0.0250	1	05/20/25	05/22/25	
o-Xylene	ND	0.0250	1	05/20/25	05/22/25	
p,m-Xylene	ND	0.0500	1	05/20/25	05/22/25	
Total Xylenes	ND	0.0250	1	05/20/25	05/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	99.3 %	70-130		05/20/25	05/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2521043	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/20/25	05/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	106 %	70-130		05/20/25	05/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2521073	
Diesel Range Organics (C10-C28)	373	25.0	1	05/21/25	05/23/25	
Oil Range Organics (C28-C36)	199	50.0	1	05/21/25	05/23/25	
<i>Surrogate: n-Nonane</i>	106 %	61-141		05/21/25	05/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2521069	
Chloride	4570	40.0	2	05/20/25	05/21/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: CDU Produced Water Line
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
5/27/2025 2:30:35PM

BH02-8'

E505217-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2521043
Benzene	ND	0.0250	1	05/20/25	05/22/25	
Ethylbenzene	ND	0.0250	1	05/20/25	05/22/25	
Toluene	ND	0.0250	1	05/20/25	05/22/25	
o-Xylene	ND	0.0250	1	05/20/25	05/22/25	
p,m-Xylene	ND	0.0500	1	05/20/25	05/22/25	
Total Xylenes	ND	0.0250	1	05/20/25	05/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	05/20/25	05/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2521043
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/20/25	05/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		102 %	70-130	05/20/25	05/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2521073
Diesel Range Organics (C10-C28)	1290	25.0	1	05/21/25	05/23/25	
Oil Range Organics (C28-C36)	696	50.0	1	05/21/25	05/23/25	
<i>Surrogate: n-Nonane</i>						
		102 %	61-141	05/21/25	05/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2521069
Chloride	2180	40.0	2	05/20/25	05/21/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: CDU Produced Water Line
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
5/27/2025 2:30:35PM

BH02-9'

E505217-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2521043	
Benzene	ND	0.0250	1	05/20/25	05/22/25	
Ethylbenzene	ND	0.0250	1	05/20/25	05/22/25	
Toluene	ND	0.0250	1	05/20/25	05/22/25	
o-Xylene	ND	0.0250	1	05/20/25	05/22/25	
p,m-Xylene	ND	0.0500	1	05/20/25	05/22/25	
Total Xylenes	ND	0.0250	1	05/20/25	05/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	05/20/25	05/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2521043	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/20/25	05/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		105 %	70-130	05/20/25	05/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2521073	
Diesel Range Organics (C10-C28)	231	25.0	1	05/21/25	05/23/25	
Oil Range Organics (C28-C36)	156	50.0	1	05/21/25	05/23/25	
<i>Surrogate: n-Nonane</i>		104 %	61-141	05/21/25	05/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2521069	
Chloride	772	20.0	1	05/20/25	05/21/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: CDU Produced Water Line
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
5/27/2025 2:30:35PM

BH02-11'

E505217-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2521043
Benzene	ND	0.0250	1	05/20/25	05/22/25	
Ethylbenzene	ND	0.0250	1	05/20/25	05/22/25	
Toluene	ND	0.0250	1	05/20/25	05/22/25	
o-Xylene	ND	0.0250	1	05/20/25	05/22/25	
p,m-Xylene	ND	0.0500	1	05/20/25	05/22/25	
Total Xylenes	ND	0.0250	1	05/20/25	05/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.1 %	70-130		05/20/25	05/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2521043
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/20/25	05/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	107 %	70-130		05/20/25	05/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2521073
Diesel Range Organics (C10-C28)	44.9	25.0	1	05/21/25	05/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/21/25	05/23/25	
<i>Surrogate: n-Nonane</i>						
	104 %	61-141		05/21/25	05/23/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2521069
Chloride	228	20.0	1	05/20/25	05/21/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	CDU Produced Water Line	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/27/2025 2:30:35PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2521043-BLK1) Prepared: 05/20/25 Analyzed: 05/22/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.01		8.00		100	70-130			

LCS (2521043-BS1) Prepared: 05/20/25 Analyzed: 05/22/25

Benzene	4.93	0.0250	5.00		98.5	70-130			
Ethylbenzene	4.90	0.0250	5.00		98.0	70-130			
Toluene	4.90	0.0250	5.00		98.1	70-130			
o-Xylene	4.85	0.0250	5.00		97.0	70-130			
p,m-Xylene	9.93	0.0500	10.0		99.3	70-130			
Total Xylenes	14.8	0.0250	15.0		98.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.01		8.00		100	70-130			

Matrix Spike (2521043-MS1) Source: E505212-26 Prepared: 05/20/25 Analyzed: 05/22/25

Benzene	4.96	0.0250	5.00	ND	99.1	70-130			
Ethylbenzene	4.91	0.0250	5.00	ND	98.2	70-130			
Toluene	4.93	0.0250	5.00	ND	98.5	70-130			
o-Xylene	4.88	0.0250	5.00	ND	97.5	70-130			
p,m-Xylene	9.93	0.0500	10.0	ND	99.3	70-130			
Total Xylenes	14.8	0.0250	15.0	ND	98.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.92		8.00		99.0	70-130			

Matrix Spike Dup (2521043-MSD1) Source: E505212-26 Prepared: 05/20/25 Analyzed: 05/22/25

Benzene	4.99	0.0250	5.00	ND	99.8	70-130	0.743	27	
Ethylbenzene	4.97	0.0250	5.00	ND	99.5	70-130	1.31	26	
Toluene	4.97	0.0250	5.00	ND	99.5	70-130	0.946	20	
o-Xylene	4.93	0.0250	5.00	ND	98.6	70-130	1.08	25	
p,m-Xylene	10.1	0.0500	10.0	ND	101	70-130	1.39	23	
Total Xylenes	15.0	0.0250	15.0	ND	100	70-130	1.28	26	
Surrogate: 4-Bromochlorobenzene-PID	7.69		8.00		96.1	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	CDU Produced Water Line	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/27/2025 2:30:35PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2521043-BLK1) Prepared: 05/20/25 Analyzed: 05/22/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.70		8.00		109	70-130			

LCS (2521043-BS2) Prepared: 05/20/25 Analyzed: 05/22/25

Gasoline Range Organics (C6-C10)	50.0	20.0	50.0		100	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.71		8.00		109	70-130			

Matrix Spike (2521043-MS2) Source: E505212-26 Prepared: 05/20/25 Analyzed: 05/22/25

Gasoline Range Organics (C6-C10)	49.7	20.0	50.0	ND	99.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.92		8.00		111	70-130			

Matrix Spike Dup (2521043-MSD2) Source: E505212-26 Prepared: 05/20/25 Analyzed: 05/22/25

Gasoline Range Organics (C6-C10)	50.5	20.0	50.0	ND	101	70-130	1.52	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.12		8.00		114	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	CDU Produced Water Line	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/27/2025 2:30:35PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2521073-BLK1)					Prepared: 05/21/25 Analyzed: 05/23/25				
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 (2521073-BS1)					Prepared: 05/21/25 Analyzed: 05/23/25				
Diesel Range Organics (C10-C28)	274	25.0	250		110	66-144			
Surrogate: n-Nonane	50.3		50.0		101	61-141			

Matrix Spike (2521073-MS1)					Source: E505212-24		Prepared: 05/21/25 Analyzed: 05/23/25		
Diesel Range Organics (C10-C28)	283	25.0	250	ND	113	56-156			
Surrogate: n-Nonane	52.6		50.0		105	61-141			

Matrix Spike Dup (2521073-MSD1)					Source: E505212-24		Prepared: 05/21/25 Analyzed: 05/23/25		
Diesel Range Organics (C10-C28)	281	25.0	250	ND	112	56-156	0.588	20	
Surrogate: n-Nonane	51.7		50.0		103	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	CDU Produced Water Line	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/27/2025 2:30:35PM

Anions by EPA 300.0/9056A

Analyst: RAS

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

Blank (2521069-BLK1)					Prepared: 05/20/25 Analyzed: 05/21/25				
Chloride	ND	20.0							
LCS (2521069-BS1)					Prepared: 05/20/25 Analyzed: 05/21/25				
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2521069-MS1)					Source: E505212-22		Prepared: 05/20/25 Analyzed: 05/21/25		
Chloride	1330	20.0	250	1090	94.6	80-120			
Matrix Spike Dup (2521069-MSD1)					Source: E505212-22		Prepared: 05/20/25 Analyzed: 05/21/25		
Chloride	1310	20.0	250	1090	87.9	80-120	1.27	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:	CDU Produced Water Line	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	05/27/25 14:30

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

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

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



Client Information				Invoice Information		Lab Use Only		TAT		State									
Client: Devon				Company: Devon Energy		Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX		
Project: <u>CDV Produced Waterline</u>				Address: 5315 Buena Vista Dr		E505217		01058-0057					x	x					
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220															
Address: 3122 National Parks Hwy				Phone: (575)689-7597															
City, State, Zip: Carlsbad NM, 88220				Email: jim.raley@dv.com															
Phone: 575-988-0055				Miscellaneous: Jim Raley															
Email: agiovengo@ensolum.com																			
Sample Information						Analysis and Method								EPA Program					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
0457	5/16/2015	Soil	1	BH02-4'		1													
1013				02-6'		2													
1024				02-8'		3													
1039				02-9'		4													
1103				02-11'		5													
1128	5/16/2015	Soil	1	BH02-12'		6													
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dv.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jhinkle@ensolum.com, akone@ensolum.com, igonzales@ensolum.com, rrai@ensolum.com, oaderinto@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: <u>Jenna Hinkle</u>																			
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: <u>Y/N</u>											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time												
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																			
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																			
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			

Only run if BH02-11' is greater than 600 chlorides or >100 T-P-H

Envirotech Analytical Laboratory

Printed: 5/20/2025 9:53:35AM

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:	05/20/25 07:45	Work Order ID:	E505217
Phone:	(505) 382-1211	Date Logged In:	05/19/25 14:21	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	05/26/25 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? Yes

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client InstructionComments/Resolution

Client remark- Only run BH02-12 if BH02-11 is greater than 600 CL > 100 TPH.

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

Date



envirotech Inc.

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: CDU Produced Water Line

Work Order: E507087

Job Number: 01058-0007

Received: 7/10/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/16/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 7/16/25

Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210



Project Name: CDU Produced Water Line
Workorder: E507087
Date Received: 7/10/2025 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/10/2025 7:00:00AM, under the Project Name: CDU Produced Water Line.

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

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

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

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

Respectfully,

Walter Hinchman
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Cell: 775-287-1762
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Sample Summary

Devon Energy - Carlsbad	Project Name:	CDU Produced Water Line	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	07/16/25 11:47

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BF01-0'-1'	E507087-01A	Soil	07/08/25	07/10/25	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: CDU Produced Water Line Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 7/16/2025 11:47:13AM
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BF01-0'-1'

E507087-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528155	
Benzene	ND	0.0250	1	07/10/25	07/12/25	
Ethylbenzene	ND	0.0250	1	07/10/25	07/12/25	
Toluene	ND	0.0250	1	07/10/25	07/12/25	
o-Xylene	ND	0.0250	1	07/10/25	07/12/25	
p,m-Xylene	ND	0.0500	1	07/10/25	07/12/25	
Total Xylenes	ND	0.0250	1	07/10/25	07/12/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	07/10/25	07/12/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528155	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/10/25	07/12/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.3 %	70-130	07/10/25	07/12/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2528166	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/11/25	07/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/11/25	07/13/25	
<i>Surrogate: n-Nonane</i>		90.2 %	61-141	07/11/25	07/13/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2529005	
Chloride	ND	20.0	1	07/14/25	07/14/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	CDU Produced Water Line	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/16/2025 11:47:13AM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2528155-BLK1)

Prepared: 07/10/25 Analyzed: 07/11/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.11		8.00		101	70-130			

LCS (2528155-BS1)

Prepared: 07/10/25 Analyzed: 07/11/25

Benzene	5.32	0.0250	5.00		106	70-130			
Ethylbenzene	5.14	0.0250	5.00		103	70-130			
Toluene	5.25	0.0250	5.00		105	70-130			
o-Xylene	5.03	0.0250	5.00		101	70-130			
p,m-Xylene	10.3	0.0500	10.0		103	70-130			
Total Xylenes	15.4	0.0250	15.0		102	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.01		8.00		100	70-130			

Matrix Spike (2528155-MS1)

Source: E507069-06

Prepared: 07/10/25 Analyzed: 07/11/25

Benzene	5.65	0.0250	5.00	ND	113	70-130			
Ethylbenzene	5.48	0.0250	5.00	ND	110	70-130			
Toluene	5.59	0.0250	5.00	ND	112	70-130			
o-Xylene	5.38	0.0250	5.00	ND	108	70-130			
p,m-Xylene	11.0	0.0500	10.0	ND	110	70-130			
Total Xylenes	16.4	0.0250	15.0	ND	109	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.04		8.00		100	70-130			

Matrix Spike Dup (2528155-MSD1)

Source: E507069-06

Prepared: 07/10/25 Analyzed: 07/11/25

Benzene	5.69	0.0250	5.00	ND	114	70-130	0.628	27	
Ethylbenzene	5.51	0.0250	5.00	ND	110	70-130	0.597	26	
Toluene	5.62	0.0250	5.00	ND	112	70-130	0.550	20	
o-Xylene	5.41	0.0250	5.00	ND	108	70-130	0.682	25	
p,m-Xylene	11.1	0.0500	10.0	ND	111	70-130	0.521	23	
Total Xylenes	16.5	0.0250	15.0	ND	110	70-130	0.574	26	
Surrogate: 4-Bromochlorobenzene-PID	8.04		8.00		101	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	CDU Produced Water Line	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/16/2025 11:47:13AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2528155-BLK1) Prepared: 07/10/25 Analyzed: 07/11/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.41		8.00		92.6	70-130			

LCS (2528155-BS2) Prepared: 07/10/25 Analyzed: 07/11/25

Gasoline Range Organics (C6-C10)	41.2	20.0	50.0		82.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.53		8.00		94.2	70-130			

Matrix Spike (2528155-MS2) Source: E507069-06 Prepared: 07/10/25 Analyzed: 07/11/25

Gasoline Range Organics (C6-C10)	42.6	20.0	50.0	ND	85.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.54		8.00		94.2	70-130			

Matrix Spike Dup (2528155-MSD2) Source: E507069-06 Prepared: 07/10/25 Analyzed: 07/11/25

Gasoline Range Organics (C6-C10)	41.0	20.0	50.0	ND	81.9	70-130	3.94	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.62		8.00		95.3	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	CDU Produced Water Line	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/16/2025 11:47:13AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2528166-BLK1)

Prepared: 07/11/25 Analyzed: 07/12/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	45.9		50.0		91.8	61-141			

LCS (2528166-BS1)

Prepared: 07/11/25 Analyzed: 07/12/25

Diesel Range Organics (C10-C28)	240	25.0	250		95.9	66-144			
Surrogate: <i>n</i> -Nonane	45.4		50.0		90.9	61-141			

Matrix Spike (2528166-MS1)

Source: E507081-02

Prepared: 07/11/25 Analyzed: 07/12/25

Diesel Range Organics (C10-C28)	304	25.0	250	ND	122	56-156			
Surrogate: <i>n</i> -Nonane	55.2		50.0		110	61-141			

Matrix Spike Dup (2528166-MSD1)

Source: E507081-02

Prepared: 07/11/25 Analyzed: 07/12/25

Diesel Range Organics (C10-C28)	299	25.0	250	ND	120	56-156	1.80	20	
Surrogate: <i>n</i> -Nonane	54.1		50.0		108	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	CDU Produced Water Line	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/16/2025 11:47:13AM

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (2529005-BLK1)					Prepared: 07/14/25 Analyzed: 07/14/25				
Chloride	ND	20.0							
LCS (2529005-BS1)					Prepared: 07/14/25 Analyzed: 07/14/25				
Chloride	258	20.0	250		103	90-110			
Matrix Spike (2529005-MS1)					Source: E507098-03		Prepared: 07/14/25 Analyzed: 07/14/25		
Chloride	264	20.0	250	ND	105	80-120			
Matrix Spike Dup (2529005-MSD1)					Source: E507098-03		Prepared: 07/14/25 Analyzed: 07/14/25		
Chloride	263	20.0	250	ND	105	80-120	0.0376	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:	CDU Produced Water Line	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	07/16/25 11:47

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

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

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

Client Information				Invoice Information		Lab Use Only		TAT		State								
Client: Devon				Company: Devon Energy		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX			
Project: CDU Produced Water Line				Address: 5315 Buena Vista Dr		E507087	01058-0007				x	x						
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220														
Address: 3122 National Parks Hwy				Phone: (575)689-7597														
City, State, Zip: Carlsbad NM, 88220				Email: jim.raley@envirotech.com														
Phone: 575-988-0055				Miscellaneous: Jim Raley														
Email: agiovento@ensolum.com																		
Sample Information					Analysis and Method								EPA Program					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA
0034	7/9/25	Soil	1	BF01-0'-1'		1												
Additional Instructions: Please CC: cburton@ensolum.com, agiovento@ensolum.com, jim.raley@envirotech.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: Jenna Hinkle																		
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: <input checked="" type="radio"/> Y / <input type="radio"/> N						
Jenna Hinkle		7/9/25		7:00		Michelle Gonzales		7-9-25		0710								
Michelle Gonzales		7-9-25		1545		Camden Briggs		7-9-25		1615								
Camden Briggs		7-10-25		0000		Caitlin Mann		7-10-25		700								
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time								
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time								
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time								
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																		
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																		
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																		

Envirotech Analytical Laboratory

Printed: 7/10/2025 10:03:30AM

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:	07/10/25 07:00	Work Order ID:	E507087
Phone:	(505) 382-1211	Date Logged In:	07/09/25 16:34	Logged In By:	Noe Soto
Email:	agiovento@ensolum.com	Due Date:	07/16/25 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? Yes

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

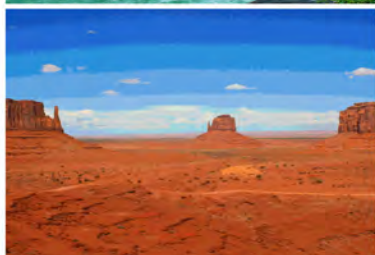
Date



envirotech Inc.

Report to:

Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: CDU Produced Water Line

Work Order: E507096

Job Number: 01058-0007

Received: 7/11/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/16/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 7/16/25

Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210



Project Name: CDU Produced Water Line
Workorder: E507096
Date Received: 7/11/2025 7:15:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/11/2025 7:15:00AM, under the Project Name: CDU Produced Water Line.

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

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

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

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

Respectfully,

Walter Hinchman
Laboratory Director
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Cell: 775-287-1762
whinchman@envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	CDU Produced Water Line	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	07/16/25 11:50

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS01-4'	E507096-01A	Soil	07/09/25	07/11/25	Glass Jar, 2 oz.
FS02-4'	E507096-02A	Soil	07/09/25	07/11/25	Glass Jar, 2 oz.
PH03-7'	E507096-03A	Soil	07/09/25	07/11/25	Glass Jar, 2 oz.
PH02-8'	E507096-04A	Soil	07/09/25	07/11/25	Glass Jar, 2 oz.

Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: CDU Produced Water Line
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
7/16/2025 11:50:52AM

FS01-4'

E507096-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2528174	
Benzene	ND	0.0250	1	07/11/25	07/14/25	
Ethylbenzene	ND	0.0250	1	07/11/25	07/14/25	
Toluene	ND	0.0250	1	07/11/25	07/14/25	
o-Xylene	ND	0.0250	1	07/11/25	07/14/25	
p,m-Xylene	ND	0.0500	1	07/11/25	07/14/25	
Total Xylenes	ND	0.0250	1	07/11/25	07/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	86.7 %	70-130		07/11/25	07/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2528174	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/11/25	07/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	92.3 %	70-130		07/11/25	07/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2528185	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/11/25	07/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/11/25	07/12/25	
<i>Surrogate: n-Nonane</i>	95.0 %	61-141		07/11/25	07/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2529003	
Chloride	4540	40.0	2	07/14/25	07/14/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: CDU Produced Water Line
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
7/16/2025 11:50:52AM

FS02-4'

E507096-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528174	
Benzene	ND	0.0250	1	07/11/25	07/14/25	
Ethylbenzene	ND	0.0250	1	07/11/25	07/14/25	
Toluene	ND	0.0250	1	07/11/25	07/14/25	
o-Xylene	ND	0.0250	1	07/11/25	07/14/25	
p,m-Xylene	ND	0.0500	1	07/11/25	07/14/25	
Total Xylenes	ND	0.0250	1	07/11/25	07/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.6 %	70-130		07/11/25	07/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528174	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/11/25	07/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.4 %	70-130		07/11/25	07/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2528185	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/11/25	07/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/11/25	07/12/25	
<i>Surrogate: n-Nonane</i>						
	92.6 %	61-141		07/11/25	07/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2529003	
Chloride	3360	40.0	2	07/14/25	07/14/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: CDU Produced Water Line
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
7/16/2025 11:50:52AM

PH03-7'

E507096-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2528174
Benzene	ND	0.0250	1	07/11/25	07/14/25	
Ethylbenzene	ND	0.0250	1	07/11/25	07/14/25	
Toluene	ND	0.0250	1	07/11/25	07/14/25	
o-Xylene	ND	0.0250	1	07/11/25	07/14/25	
p,m-Xylene	ND	0.0500	1	07/11/25	07/14/25	
Total Xylenes	ND	0.0250	1	07/11/25	07/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.6 %	70-130		07/11/25	07/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2528174
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/11/25	07/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.9 %	70-130		07/11/25	07/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2528185
Diesel Range Organics (C10-C28)	ND	25.0	1	07/11/25	07/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/11/25	07/12/25	
<i>Surrogate: n-Nonane</i>						
	90.6 %	61-141		07/11/25	07/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2529003
Chloride	8850	200	10	07/14/25	07/14/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: CDU Produced Water Line
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
7/16/2025 11:50:52AM

PH02-8'

E507096-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2528174	
Benzene	ND	0.0250	1	07/11/25	07/15/25	
Ethylbenzene	ND	0.0250	1	07/11/25	07/15/25	
Toluene	ND	0.0250	1	07/11/25	07/15/25	
o-Xylene	ND	0.0250	1	07/11/25	07/15/25	
p,m-Xylene	ND	0.0500	1	07/11/25	07/15/25	
Total Xylenes	ND	0.0250	1	07/11/25	07/15/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	86.6 %	70-130		07/11/25	07/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2528174	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/11/25	07/15/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	93.0 %	70-130		07/11/25	07/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2528185	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/11/25	07/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/11/25	07/12/25	
<i>Surrogate: n-Nonane</i>	91.4 %	61-141		07/11/25	07/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2529003	
Chloride	11200	200	10	07/14/25	07/14/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	CDU Produced Water Line	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/16/2025 11:50:52AM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2528174-BLK1) Prepared: 07/11/25 Analyzed: 07/14/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.84		8.00		85.5	70-130			

LCS (2528174-BS1) Prepared: 07/11/25 Analyzed: 07/14/25

Benzene	5.38	0.0250	5.00		108	70-130			
Ethylbenzene	5.26	0.0250	5.00		105	70-130			
Toluene	5.33	0.0250	5.00		107	70-130			
o-Xylene	5.19	0.0250	5.00		104	70-130			
p,m-Xylene	10.6	0.0500	10.0		106	70-130			
Total Xylenes	15.8	0.0250	15.0		105	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.94		8.00		86.8	70-130			

Matrix Spike (2528174-MS1) Source: E507096-02 Prepared: 07/11/25 Analyzed: 07/14/25

Benzene	5.10	0.0250	5.00	ND	102	70-130			
Ethylbenzene	4.97	0.0250	5.00	ND	99.3	70-130			
Toluene	5.05	0.0250	5.00	ND	101	70-130			
o-Xylene	4.93	0.0250	5.00	ND	98.5	70-130			
p,m-Xylene	10.0	0.0500	10.0	ND	100	70-130			
Total Xylenes	15.0	0.0250	15.0	ND	99.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.04		8.00		88.0	70-130			

Matrix Spike Dup (2528174-MSD1) Source: E507096-02 Prepared: 07/11/25 Analyzed: 07/14/25

Benzene	5.57	0.0250	5.00	ND	111	70-130	8.76	27	
Ethylbenzene	5.42	0.0250	5.00	ND	108	70-130	8.73	26	
Toluene	5.51	0.0250	5.00	ND	110	70-130	8.70	20	
o-Xylene	5.38	0.0250	5.00	ND	108	70-130	8.81	25	
p,m-Xylene	10.9	0.0500	10.0	ND	109	70-130	8.45	23	
Total Xylenes	16.3	0.0250	15.0	ND	109	70-130	8.56	26	
Surrogate: 4-Bromochlorobenzene-PID	7.00		8.00		87.4	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	CDU Produced Water Line	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/16/2025 11:50:52AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2528174-BLK1) Prepared: 07/11/25 Analyzed: 07/14/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.52		8.00		94.1	70-130			

LCS (2528174-BS2) Prepared: 07/11/25 Analyzed: 07/14/25

Gasoline Range Organics (C6-C10)	43.8	20.0	50.0		87.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.53		8.00		94.2	70-130			

Matrix Spike (2528174-MS2) Source: E507096-02 Prepared: 07/11/25 Analyzed: 07/14/25

Gasoline Range Organics (C6-C10)	43.0	20.0	50.0	ND	86.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.46		8.00		93.2	70-130			

Matrix Spike Dup (2528174-MSD2) Source: E507096-02 Prepared: 07/11/25 Analyzed: 07/15/25

Gasoline Range Organics (C6-C10)	41.4	20.0	50.0	ND	82.8	70-130	3.79	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.53		8.00		94.1	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	CDU Produced Water Line	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/16/2025 11:50:52AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2528185-BLK1)					Prepared: 07/11/25 Analyzed: 07/12/25				
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 (2528185-BS1)					Prepared: 07/11/25 Analyzed: 07/12/25				
Diesel Range Organics (C10-C28)	238	25.0	250		95.3	66-144			
Surrogate: n-Nonane	47.1		50.0		94.2	61-141			

Matrix Spike (2528185-MS1)					Source: E507099-02		Prepared: 07/11/25 Analyzed: 07/12/25		
Diesel Range Organics (C10-C28)	247	25.0	250	ND	98.9	56-156			
Surrogate: n-Nonane	47.9		50.0		95.9	61-141			

Matrix Spike Dup (2528185-MSD1)					Source: E507099-02		Prepared: 07/11/25 Analyzed: 07/12/25		
Diesel Range Organics (C10-C28)	248	25.0	250	ND	99.2	56-156	0.297	20	
Surrogate: n-Nonane	47.5		50.0		95.0	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	CDU Produced Water Line	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/16/2025 11:50:52AM

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (2529003-BLK1)					Prepared: 07/14/25 Analyzed: 07/14/25				
Chloride	ND	20.0							
LCS (2529003-BS1)					Prepared: 07/14/25 Analyzed: 07/14/25				
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2529003-MS1)					Source: E507109-01		Prepared: 07/14/25 Analyzed: 07/14/25		
Chloride	249	40.0	250	ND	99.4	80-120			
Matrix Spike Dup (2529003-MSD1)					Source: E507109-01		Prepared: 07/14/25 Analyzed: 07/14/25		
Chloride	249	40.0	250	ND	99.4	80-120	0.0298	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:	CDU Produced Water Line	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	07/16/25 11:50

- 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.



[illegible]

Envirotech Analytical Laboratory

Printed: 7/11/2025 9:07:28AM

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:	07/11/25 07:15	Work Order ID:	E507096
Phone:	(505) 382-1211	Date Logged In:	07/10/25 15:26	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	07/17/25 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? Yes

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.



APPENDIX E

NMOCD Correspondence

From: [Rodgers, Scott, EMNRD](#)
To: [Cole Burton](#)
Cc: [Raley, Jim](#); [Ashley Giovengo](#)
Subject: RE: [EXTERNAL] Extension Request - Devon Energy Production Company, LP - CDU Produced Water Line - nAPP2508644611
Date: Friday, June 20, 2025 1:07:38 PM
Attachments: [image006.png](#)
[image007.png](#)
[image008.png](#)

[**EXTERNAL EMAIL**]

Your time extension request is approved. Remediation Due date has been updated to September 21, 2025 within the incident page. Ensure that the site characterization/assessment report has been completed and is provided within the final closure report.

Please keep a copy of this communication for inclusion within the appropriate reporting documentation.

The OCD requires a copy of all correspondence related to remedial activities be included in all proposals, weekly/monthly/quarterly/semi-annual/annual, or final closure reports. Correspondence reporting requirements may include, but not limited to, time extension requests, sample event notifications, and variance requests.

If you have any questions, please contact me via email at your convenience.

Thank you,
Scott

Scott Rodgers • Environmental Specialist – Adv.
Environmental Bureau
EMNRD - Oil Conservation Division
5200 Oakland NE, Suite B | Albuquerque, NM 87113
505.469.1830 | scott.rodgers@emnrd.nm.gov
<http://www.emnrd.nm.gov/oecd>



From: Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov>
Sent: Friday, June 20, 2025 10:36 AM
To: Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>

Subject: FW: [EXTERNAL] Extension Request - Devon Energy Production Company, LP - CDU Produced Water Line - nAPP2508644611

Scott Rodgers • Environmental Specialist – Adv.
Environmental Bureau
EMNRD - Oil Conservation Division
5200 Oakland NE, Suite B | Albuquerque, NM 87113
505.469.1830 | scott.rodgers@emnrd.nm.gov
<http://www.emnrd.nm.gov/oed>



From: Cole Burton <cburton@ensolum.com>
Sent: Friday, June 20, 2025 10:16 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 - CDU Produced Water Line - nAPP2508644611

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 23, 2025, for submitting a remediation work plan or closure report required in 19.15.29.12.B.(1) NMAC at the CDU Produced Water Line (Site) (Incident Number nAPP2508644611). The release occurred on March 25, 2025, and 21 barrels (bbls) of produced water released; 2 bbls of produced water were recovered. The released impacted an off-pad area approximately 844 square feet in size within a pipeline Right-of-way (ROW). A complete desktop environmental review was completed by CEHMM and there are no recommendations for the Site. The Bureau of Land Management (BLM) has approved Devon's Sundry Request for access to soils for off-pad delineation and remediation activities. Depth to ground water (DTW) in the area surrounding the Site is estimated to be 300 feet below ground surface (bgs). The closest DTW well is C 03830 POD1 which is located 0.42 miles north of the Site. Lateral and vertical delineation soil sampling in accordance with the strictest Closure Criteria per NMOCD Table I criteria has been completed in every sample location at the Site except

for borehole BH03 which is in proximity to a buried pipeline. Borehole sample location BH03 will be advanced during the excavation activities which will begin as soon as Devon selects a subcontractor. 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 September 21, 2025. Please let me know if you have any further questions regarding this site.

Thanks,



Cole Burton
Project Manager
575-706-5056
Ensolum, LLC
in f X

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 482392

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 482392
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2508644611
Incident Name	NAPP2508644611 CDU PRODUCED WATER LINE @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	CDU PRODUCED WATER LINE
Date Release Discovered	03/25/2025
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	898
What is the estimated number of samples that will be gathered	8
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/09/2025
Time sampling will commence	09:00 AM
 Warning: Notification can not be less than two business days prior to conducting final sampling. 	
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	32.150020, -103.742001

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CONDITIONS

Action 482392

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 482392
	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.	7/8/2025
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.	7/8/2025

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QUESTIONS

Action 482665

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 482665
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2508644611
Incident Name	NAPP2508644611 CDU PRODUCED WATER LINE @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source

Site Name	CDU PRODUCED WATER LINE
Date Release Discovered	03/25/2025
Surface Owner	Federal

Sampling Event General Information*Please answer all the questions in this group.*

What is the sampling surface area in square feet	898
What is the estimated number of samples that will be gathered	8
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/10/2025
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	32.150020, -103.742001

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CONDITIONS

Action 482665

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 482665
	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.	7/8/2025
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.	7/8/2025

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Santa Fe, NM 87505

QUESTIONS

Action 495384

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 495384
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2508644611
Incident Name	NAPP2508644611 CDU PRODUCED WATER LINE @ A-11-25S-31E 193S 584E
Incident Type	Produced Water Release
Incident Status	Reclamation Report Received

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

Site Name	CDU PRODUCED WATER LINE
Date Release Discovered	03/25/2025
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: Equipment Failure Pipeline (Any) Produced Water Released: 21 BBL Recovered: 2 BBL Lost: 19 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 495384

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 495384
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

Initial Response

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

The source of the release has been stopped	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	<i>Not answered.</i>

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

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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvni.com Date: 08/13/2025
--	---

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QUESTIONS, Page 3

Action 495384

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 495384
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 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 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1000 (ft.) and ½ (mi.)
Any other fresh water well or spring	Between 1000 (ft.) and ½ (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	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	Yes

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	12900
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	3820
GRO+DRO (EPA SW-846 Method 8015M)	2800
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	07/07/2025
On what date will (or did) the final sampling or liner inspection occur	07/10/2025
On what date will (or was) the remediation complete(d)	07/10/2025
What is the estimated surface area (in square feet) that will be reclaimed	898
What is the estimated volume (in cubic yards) that will be reclaimed	120
What is the estimated surface area (in square feet) that will be remediated	898
What is the estimated volume (in cubic yards) that will be remediated	120
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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Santa Fe, NM 87505

QUESTIONS, Page 4

Action 495384

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 495384
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(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.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dmv.com Date: 08/13/2025
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 5

Action 495384

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 495384
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

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

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QUESTIONS, Page 6

Action 495384

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 495384
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	482665
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/10/2025
What was the (estimated) number of samples that were to be gathered	8
What was the sampling surface area in square feet	898

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	898
What was the total volume (cubic yards) remediated	120
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	898
What was the total volume (in cubic yards) reclaimed	120
Summarize any additional remediation activities not included by answers (above)	Remediation Complete
<i>The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 08/13/2025

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QUESTIONS, Page 7

Action 495384

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 495384
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Reclamation Report	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	898
What was the total volume of replacement material (in cubic yards) for this site	120
<i>Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.</i>	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseeded commence(d)	09/01/2025
Summarize any additional reclamation activities not included by answers (above)	Reclamation Complete
<i>The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseeding plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.ralej@dmn.com Date: 08/13/2025

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QUESTIONS, Page 8

Action 495384

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 495384
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

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

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CONDITIONS

Action 495384

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 495384
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	The reclamation report has been approved pursuant to 19.15.29.13 E. NMAC. The acceptance of this 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; or if the location fails to revegetate properly. In addition, the OCD approval does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.	10/1/2025