



February 23, 2026

**New Mexico Oil Conservation Division**

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

**Re: Closure Request  
Parkway Gathering Leak  
Incident Number: nAPP2510026094  
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 the produced water release at the Parkway Gathering Leak (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 nAPP2510026094.

## **BACKGROUND**

The Site is located in Unit O, Section 20, Township 19 South, Range 29 East, in Eddy County, New Mexico (32.64263°, -104.09655°) and is associated with oil and gas exploration and production operations on New Mexico State Trust Land (STL) managed by the New Mexico State Land Office (NMSLO). The release also crossed into Unit J, Section 20, Township 19 South, Range 29 East.

On April 08, 2025, a valve on a gathering line failed, which resulted in the release of approximately 22 barrels (bbls) of produced water onto an off-pad pasture and ROW area. Devon reported the release to the New Mexico Oil Conservation Division (NMOCD) via Notification of Release (NOR) on April 10, 2025, and submitted an Initial Release Notification Form C-141 (Form C-141) on April 15, 2025. The release was assigned Incident Number nAPP2510026094. 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 desktop review are presented below and potential Site receptors are identified on Figure 1.

The closest permitted groundwater well with depth to groundwater data is New Mexico Office of the State Engineer (NMOSE) permitted well CP-2084, located approximately 2,584 feet northwest of the Site. The well was drilled in August 2025 to a total depth of 105 feet below ground surface (bgs) to assess the depth to groundwater. No moisture or groundwater was encountered during drilling activities, and the well was left open for over 72 hours to allow for potential slow infill of groundwater. After the 72-hour waiting period without observing groundwater, it was confirmed groundwater beneath the Site

is greater than 105 feet bgs. The well was subsequently properly plugged and abandoned. 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 a dry wash, located approximately 3,007 feet northeast 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 potentially underlain by unstable geology (critical potential karst designation area). A geophysical survey would be required to confirm the presence or absence of unstable geology and provide Site-specific determination for subsurface stability. Site receptors are identified on Figure 1.

Based on the desktop 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): 100 mg/kg
- Chloride: 600 mg/kg

## KARST SURVEY RESULTS

Advanced Geophysics, a Bureau of Land Management (BLM) approved third-party cave and karst contractor, conducted a desktop survey, aerial survey, and geophysical survey of the Site. In summary, the aerial survey identified two potential surface karst features; however, field verification determined the anomalies to be the result of low-lying topography and dense vegetation. Results of the geophysical study indicated a well-layered geologic system and no anomalies, consistent with air-filled subsurface voids, were found within the survey area, indicating stable ground. While surficial karst features were potentially identified based on the geophysical survey, the features do not appear to represent subsurface karst conditions beneath the Site and as stated by Advanced Geophysics, the “anomalies were attributable to low-lying topography and dense vegetation, rather than true karst features. Since the geophysical survey identified stable ground beneath the Site and the absence of karst features, immediate risk to groundwater does not appear to be present at the Site and therefore unstable geology does not appear to be a sensitive receptor as it relates to the Site.

The detailed report provided by Advanced Geophysics is included in Appendix B.

## NMSLO CULTURAL RESOURCES AND BIOLOGICAL REVIEW

The release was identified in the pasture and as a result, the release location was assessed for determination of whether the release encroached into undisturbed areas to comply with the Cultural Properties Protection Rule (CPP) prior to disturbing the surface with mechanical equipment. An Archaeological Records Management System (ARMS) review was performed for the release extent prior to excavation. No cultural resources were identified within and/or around the release extent requiring remediation efforts. The CPP Rule cover sheet presenting the ARMS review results and SLO approval letter is attached in Appendix C.

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A Desktop Environmental Review was completed by CEHMM Conservation & Environmental Services. This review determined that there are no environmental conflicts.

## REVISED SITE CLOSURE CRITERIA

Based on the findings of the karst survey, and lack of other sensitive Site receptors, with depth to groundwater within 0.5 miles determined to be greater than 100 feet bgs, the following NMOCD Closure Criteria applies at the Site:

- Benzene: 10 mg/kg
- BTEX: 50 mg/kg
- TPH-Gasoline range organics (GRO) and TPH-diesel range organics (DRO): 1,000 mg/kg
- TPH: 2,500 mg/kg
- Chloride: 20,000 mg/kg

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

## DELINEATION SOIL SAMPLING ACTIVITIES

Between May 14 and August 29, 2025, Ensolium personnel were onsite to further delineate the extent of potentially impacted and/or waste-containing soil as indicated by field screening. Nine delineation soil samples (SS01 through SS09) were collected from areas surrounding the release extent to verify the lateral extent at ground surface and 1-foot bgs. Five boreholes (BH01 through BH05) were advanced via hand auger and an air rotary 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 21 feet bgs. All delineation soil samples were field screened for chloride using Hach® Chloride QuanTab® test strips. Field screening results and observations for the boreholes were logged on lithologic/soil sampling logs, which are included in Appendix D. Photographic documentation of delineation activities is included in Appendix E.

All soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples were transported under strict chain-of-custody procedures to Envirotech Analytical Laboratory (Envirotech) in Farmington, New Mexico, for analysis of the following chemicals of concern (COCs): BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH-GRO, TPH-DRO, and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following EPA Method 300.0.

## LABORATORY ANALYTICAL RESULTS

All lateral delineation soil samples were in compliance with the strictest Closure Criteria at ground surface and 1-foot bgs. Laboratory analytical results for delineation soil samples collected from boreholes BH01 through BH03 contained chloride concentrations exceeding the reclamation requirement. The subsurface samples collected from the boreholes BH01 and BH02 were in compliance with the Site Closure Criteria at 4 feet bgs. The subsurface samples collected from boreholes BH03, BH02, and BH05 were in compliance with the strictest Closure Criteria at depths of 20 feet, 1-foot, and 2 feet bgs, respectively.

Waste-containing soil was identified in the top 4 feet of the pasture area and excavation was necessary to support reclamation requirements. Laboratory results are summarized in Table 1 and laboratory analytical reports are included in Appendix E.

## EXCAVATION AND CONFIRMATION SOIL SAMPLING ACTIVITIES

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

Between January 9 and 29, 2026, 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 FS15 were collected from the floor of the excavation at depths ranging from 2 feet to 4 feet bgs. Composite soil samples SW01 through SW09 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 2,552 square feet. A total of approximately 539 cubic yards of waste-containing soil was removed during the excavation activities. The waste-containing soil was transported and properly disposed of at the Lea Land LLC. The excavation extent and excavation soil sample locations are presented in Figure 3.

## LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for all final excavation floor samples (FS01 through FS18) and excavation sidewall samples (SW01 through SW04) indicated all COC concentrations were compliant with the Site Closure Criteria and in compliance with the reclamation requirement. Additionally, sidewalls SW01 through SW09 indicated all COC concentrations were in compliance with the strictest Table I Closure Criteria, successfully defining the lateral extent of the release. Laboratory analytical results are summarized in Tables 2 and 3 and laboratory analytical reports are included as Appendix F.

## RECLAMATION ACTIVITIES

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

- On January 19, 2026, a backfill soil sample was collected for the Jones Federal B 3 Battery excavation and this same backfill pit was used at this Site. Laboratory analytical results are summarized in Table 4 and laboratory analytical reports are included as Appendix F. The excavation was backfilled using this locally sourced topsoil (BF01) to match surrounding grade.
- Soil in the vicinity of the release includes: Reeves-Gypsum land complex 0 to 3 percent slopes and Tonuco loamy fine sand, 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 June 04, 2025.

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- The backfilled areas will be seeded utilizing a weed-free seed mix designed by the NMSLO to meet reclamation standards for this region, which will be: SLO Loam (L).
- 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 Spring 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. NMSLO has recognized the optimal time to seed is between July and early September, which will be adhered to for this Site.
- Bi-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 NMSLO-approved pure live seed mixture will be applied as well as the installation of necessary BMPs to support growth and limit erosion.
- Upon completion of revegetation, a copy of the C-103 submitted to NMOCD will also be submitted to NMSLO for final inspection and release.

## CLOSURE REQUEST

Site assessment and excavation activities were conducted to address the April 2025 release of produced water. Following remediation efforts, 15 composite confirmation floor soil samples (FS01 through FS15) and 9 composite confirmation sidewall samples (SW01 through SW09) were collected. Laboratory analytical results for all excavation soil samples, collected from the final excavation extent, indicated all COC concentrations were in compliance with Site Closure Criteria and with the reclamation requirement in the top 4 feet of soil. Based on the soil sample analytical results, no further remediation was required. Reclamation will be completed as described above.

Based on horizontal and vertical delineation sampling, depth to groundwater greater than 105 feet bgs, and confirmation soil sample laboratory analytical results in compliance with Site Closure Criteria and reclamation requirement where applicable, Devon believes these remedial actions have been protective of human health, the environment, and groundwater. As such, Devon respectfully requests closure for Incident Numbers nAPP2510026094.

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If you have any questions or comments, please contact Mrs. Ashley Urzedo at (575) 988-0055 or [agiovengo@ensolum.com](mailto:agiovengo@ensolum.com).

Sincerely,  
**Ensolum, LLC**

*Ashley Urzedo*

Ashley Urzedo  
Associate Principal

A handwritten signature in black ink, appearing to read "Daniel R. Moir".

Daniel R. Moir, PG (licensed in WY & TX)  
Associate Principal, Geologist

cc: Jim Raley, Devon  
NMSLO

Appendices:

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

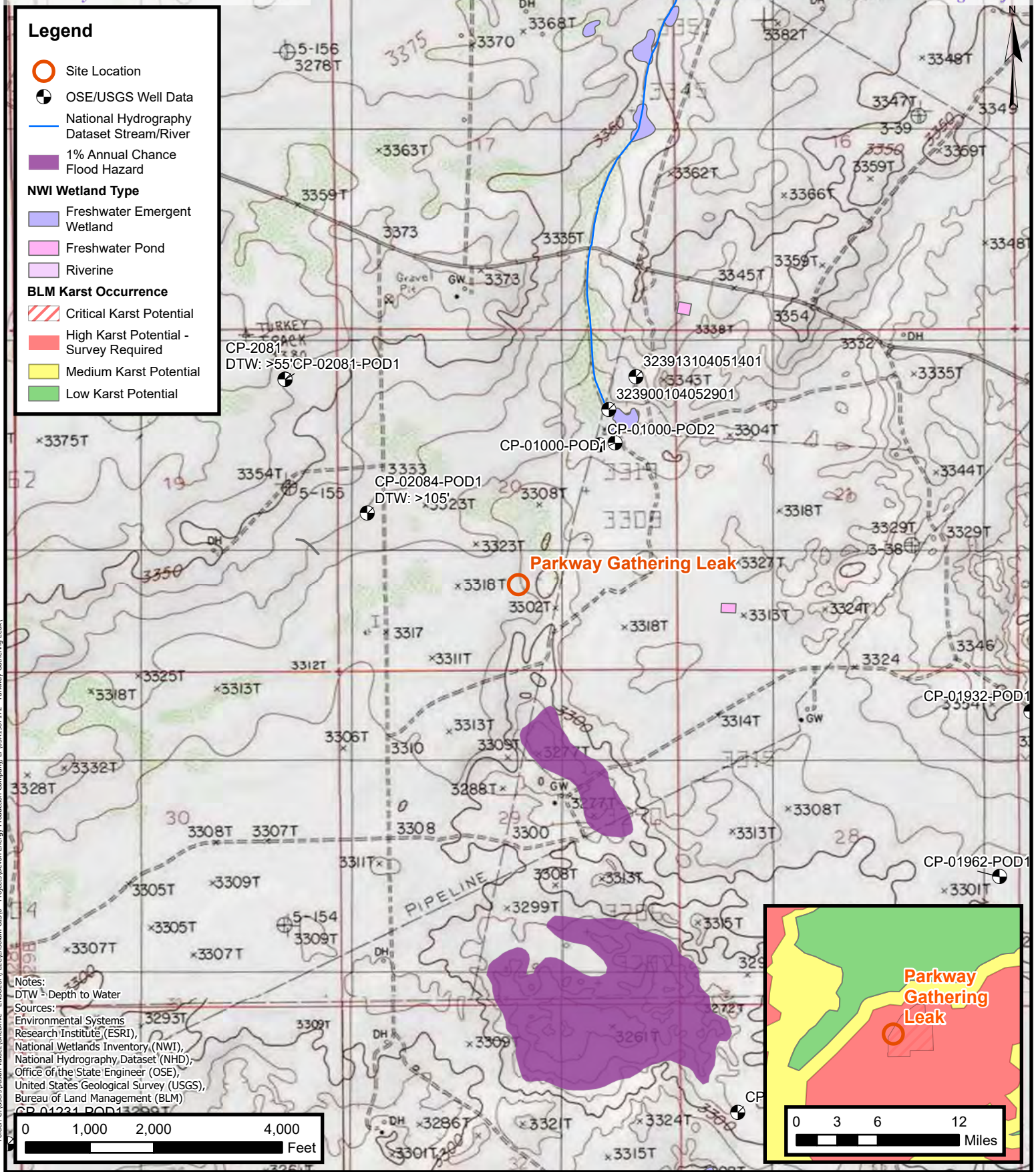
Table 1 Soil Sample Analytical Results (Delineation Soil Samples)  
Table 2 Soil Sample Analytical Results (Confirmation Soil Samples)  
Table 3 Soil Sample Analytical Results (Sidewall Soil Samples)  
Table 4 Soil Sample Analytical Results (Backfill Soil Samples)

Appendix A Well Log and Record  
Appendix A Karst Survey  
Appendix C NMSLO Cultural Resources and Biological Review  
Appendix D Lithologic Soil Sampling Logs  
Appendix E Photographic Log  
Appendix F Laboratory Analytical Reports & Chain-of-Custody Documentation  
Appendix G NMOCD Correspondence



FIGURES

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# Site Receptor Map

Devon Energy Production Company, LP  
 Parkway Gathering Leak  
 Incident Number: nAPP2510026094  
 Unit O, Section 20, T 19S, R 29E  
 Eddy County, New Mexico

## FIGURE

# 1

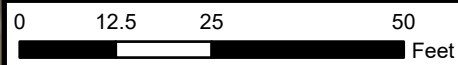


### Legend

- Delineation Soil Sample in Compliance with Closure Criteria
- Delineation Soil Sample with Concentrations Previously Exceeding Closure Criteria
- Release Extent



Notes:  
 Sample ID @ Depth Below Ground Surface.  
 Concentrations in **bold** exceed the NMOCD Table I Closure Criteria reclamation standard where applicable.  
 Grey text indicate soil sample that have been excavated.  
 Red text represents samples that exceed Closure Criteria.



Sources: Environmental Systems Research Institute (ESRI)

## Delineation Soil Sample Locations

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 Unit O, Section 20, T 19S, R 29E  
 Eddy County, New Mexico

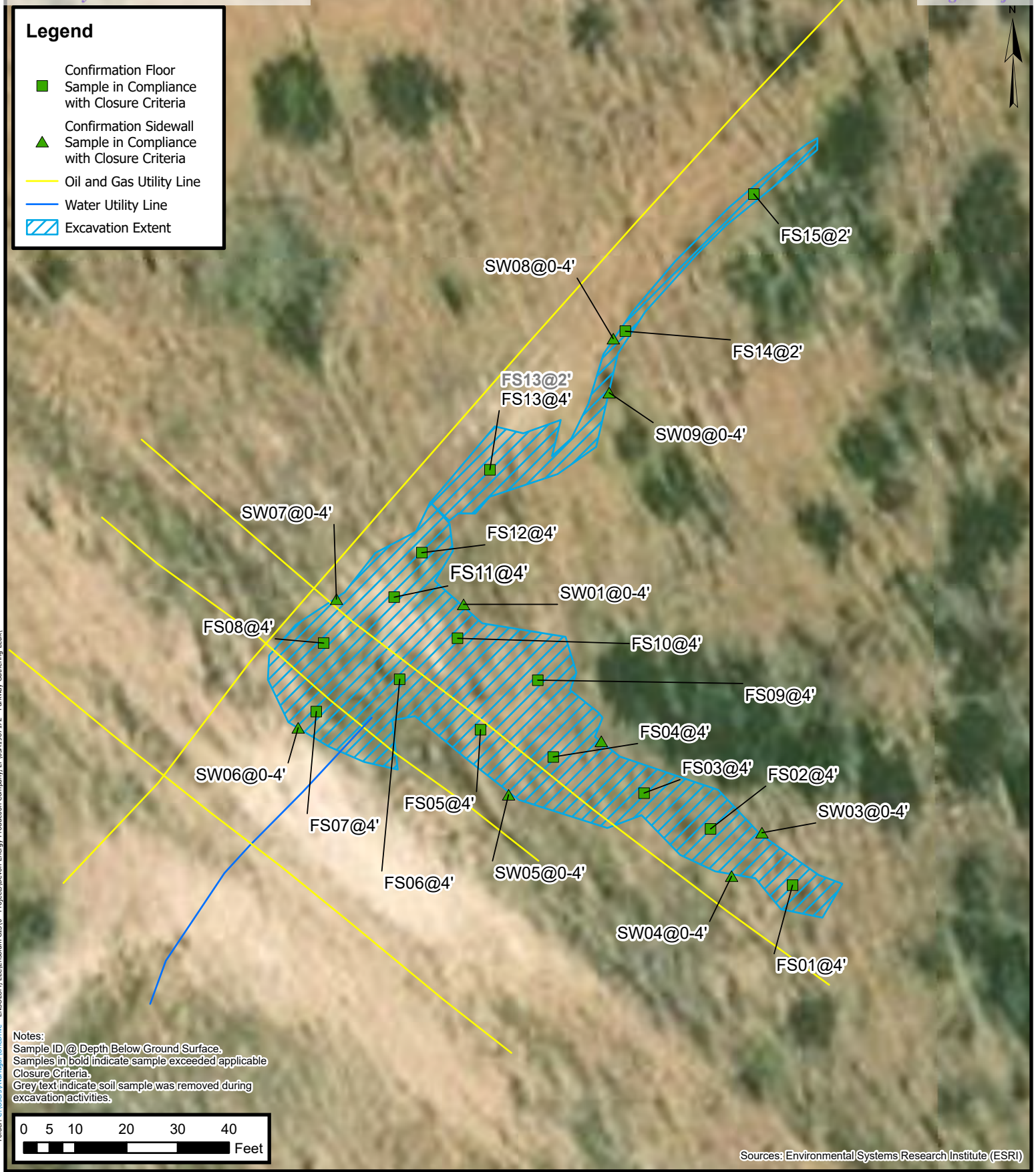
### FIGURE

# 2

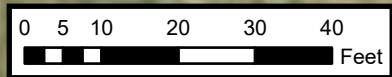


### Legend

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



Notes:  
 Sample ID @ Depth Below Ground Surface.  
 Samples in bold indicate sample exceeded applicable Closure Criteria.  
 Grey text indicate soil sample was removed during excavation activities.



Sources: Environmental Systems Research Institute (ESRI)



## Confirmation Soil Sample Location

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 Unit O, Section 20, T 19S, R 29E  
 Eddy County, New Mexico

### FIGURE

# 3



TABLES

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<b>TABLE 1</b> <b>SOIL SAMPLE ANALYTICAL RESULTS</b> Parkway Gathering Leak 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)
<b>NMOCD Reclamation Requirement (NMAC 19.15.29.13.D)</b>			<b>10</b>	<b>50</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>100</b>	<b>600</b>
<b>NMOCD Table I Closure Criteria (NMAC 19.15.29)</b>			<b>10</b>	<b>50</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>1,000</b>	<b>2,500</b>	<b>20,000</b>
<b>Delineation Soil Samples</b>										
SS01*	5/14/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<100
SS01*	5/14/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<200
SS02*	5/14/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<100
SS02*	5/14/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS03*	5/14/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<100
SS03*	5/14/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS04*	5/14/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<100
SS04*	5/14/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	34.9
SS05*	5/14/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS05*	5/14/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	269
SS06*	5/14/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS06*	5/14/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS07*	5/14/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS07*	5/14/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	22.4
SS08*	5/14/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS08*	5/14/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS09*	5/14/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	212
SS09*	5/14/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<200
BH01*	5/15/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,520
BH01*	5/15/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	16,000
BH01*	5/15/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	14,100
BH01*	5/15/2025	6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	11,100
BH01*	5/15/2025	8	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	11,200
BH01*	5/21/2025	10	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	15,600
BH01*	5/21/2025	12	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	6,510
BH02*	5/15/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,640
BH02*	5/15/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	14,000
BH02*	5/15/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	11,500
BH02*	5/15/2025	6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	11,500
BH02*	5/15/2025	8	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	12,000
BH02*	5/21/2025	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	12,200

**TABLE 1**  
**SOIL SAMPLE ANALYTICAL RESULTS**  
 Parkway Gathering Leak  
 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)
<b>NMOCD Reclamation Requirement (NMAC 19.15.29.13.D)</b>			<b>10</b>	<b>50</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>100</b>	<b>600</b>
<b>NMOCD Table I Closure Criteria (NMAC 19.15.29)</b>			<b>10</b>	<b>50</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>1,000</b>	<b>2,500</b>	<b>20,000</b>
<b>Delineation Soil Samples</b>										
BH03*	5/15/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	296
BH03*	5/15/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<b>6,010</b>
BH03*	5/15/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	10,400
BH03*	5/21/2025	6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	8,690
BH03*	5/21/2025	8	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	8,470
BH03*	5/21/2025	10	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	11,500
BH03*	5/21/2025	12.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	9,140
BH03*	5/22/2025	15	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	10,900
BH03*	8/29/2025	16	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	5,850
BH03*	8/29/2025	20	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	293
BH03*	8/29/2025	21	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	226
BH04*	5/15/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<40.0
BH04*	5/15/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	105
BH05*	5/15/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH05*	5/15/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	41.5

**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

Red text represents samples that exceed Closure Criteria

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

Concentrations in **bold** exceed the NMOCD Table I Closure Criteria 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**  
 Parkway Gathering Leak  
 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)
<b>NMOCD Reclamation Requirement (NMAC 19.15.29.13.D)</b>			<b>10</b>	<b>50</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>100</b>	<b>600</b>
<b>NMOCD Table I Closure Criteria (NMAC 19.15.29)</b>			<b>10</b>	<b>50</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>1,000</b>	<b>2,500</b>	<b>20,000</b>
<b>Confirmation Soil Samples</b>										
FS01*	1/12/2026	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	139
FS02*	1/12/2026	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	7,730
FS03*	1/12/2026	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	11,400
FS04*	1/12/2026	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	8,950
FS05*	1/13/2026	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	8,180
FS06*	1/13/2026	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	9,410
FS07*	1/9/2026	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	9,470
FS08*	1/13/2026	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	9,060
FS09*	1/13/2026	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	9,800
FS10*	1/13/2026	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	8,970
FS11*	1/13/2026	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	10,000
FS12*	1/13/2026	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<200
FS13*	1/13/2026	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	686
FS13*	1/20/2026	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	6,280
FS14*	1/13/2026	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	215
FS15*	1/12/2026	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	284

**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

Red text represents samples that exceed Closure Criteria

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

Concentrations in **bold** exceed the NMOCD Table I Closure Criteria 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**  
 Parkway Gathering Leak  
 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)
<b>NMOCD Reclamation Requirement (NMAC 19.15.29.13.D)</b>			<b>10</b>	<b>50</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>100</b>	<b>600</b>
<b>NMOCD Table I Closure Criteria (NMAC 19.15.29)</b>			<b>10</b>	<b>50</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>1,000</b>	<b>2,500</b>	<b>20,000</b>
<b>Sidewall Soil Samples</b>										
SW01*	1/13/2026	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<100
SW02*	1/13/2026	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<40.0
SW03*	1/13/2026	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	70.6
SW04*	1/13/2026	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<100
SW05*	1/13/2026	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<100
SW06*	1/9/2026	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	415
SW07*	1/13/2026	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	132
SW08*	1/29/2026	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	256
SW09*	1/29/2026	0-4	<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

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Grey text represents samples that have been excavated

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

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GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

<b>TABLE 4</b> <b>SOIL SAMPLE ANALYTICAL RESULTS</b> Parkway Gathering Leak 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 Reclamation Requirement (NMAC 19.15.29.13.D)			10	50	NE	NE	NE	NE	100	600
NMOCD Table I Closure Criteria (NMAC 19.15.29)			<b>10</b>	<b>50</b>	NE	NE	NE	<b>1,000</b>	<b>2,500</b>	<b>20,000</b>
Backfill Soil Samples										
BF01	1/15/2026	NA	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	31.4

**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

Red text represents samples that exceed Closure Criteria

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

Concentrations in **bold** exceed the NMOCD Table I Closure Criteria 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 Record and Log

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# WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

[www.ose.state.nm.us](http://www.ose.state.nm.us)

<b>1. GENERAL AND WELL LOCATION</b>	OSE POD NO. (WELL NO.) Pod 1		WELL TAG ID NO.		OSE FILE NO(S). CP-2084		
	WELL OWNER NAME(S) Devon Energy Production Company, LP				PHONE (OPTIONAL)		
	WELL OWNER MAILING ADDRESS 5315 Buena Vista Dr.				CITY Carlsbad	STATE NM	ZIP 88220
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE	MINUTES 38	SECONDS 44.6784	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND	
		LONGITUDE	104	6	15.0084	W	* DATUM REQUIRED: WGS 84
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE S20 T19s R39e							

<b>2. DRILLING &amp; CASING INFORMATION</b>	LICENSE NO. WD-1862	NAME OF LICENSED DRILLER James Hawley			NAME OF WELL DRILLING COMPANY H&R Enterprises, LLC			
	DRILLING STARTED 8-27-25	DRILLING ENDED 8-27-25	DEPTH OF COMPLETED WELL (FT) 105'	BORE HOLE DEPTH (FT) 105'	DEPTH WATER FIRST ENCOUNTERED (FT) N/A			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN *add <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED) <small>Centralizer info below</small>				STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A	DATE STATIC MEASURED 9-2-25		
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:					CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>		
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0'	105'	6'	No casing left in hole				

<b>3. ANNULAR MATERIAL</b>	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL <i>*(if using Centralizers for Artesian wells- indicate the spacing below)</i>	AMOUNT (cubic feet)	METHOD OF PLACEMENT
	FROM	TO				
				N/A		

FOR OSE INTERNAL USE			WR-20 WELL RECORD & LOG (Version 09/22/2022)		
FILE NO.	POD NO.	TRN NO.			
LOCATION	WELL TAG ID NO.	PAGE 1 OF 2			





# PLUGGING RECORD



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

## I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: CP-2084

Well owner: Devon Energy Production Company, LP Phone No.: \_\_\_\_\_

Mailing address: 5315 Buena Vista Drive

City: Carlsbad State: NM Zip code: 88220

## II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: H&R Enterprises, LLC.
- 2) New Mexico Well Driller License No.: WD-1862 Expiration Date: 6-16-27
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s):  
Nathan Smelcer
- 4) Date well plugging began: 9-2-25 Date well plugging concluded: 9-2-25
- 5) GPS Well Location: Latitude: 32 deg, 38 min, 44.6784 sec  
Longitude: 104 deg, 6 min, 15.0084 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 105' ft below ground level (bgl),  
by the following manner: well sounder
- 7) Static water level measured at initiation of plugging: DRY ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: 8-5-25
- 9) Were all plugging activities consistent with an approved plugging plan? yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):





## APPENDIX B

### Karst Survey

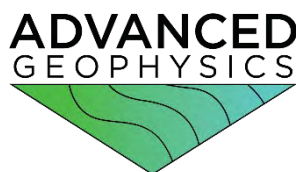
---

# Aerial and Geophysical Cave and Karst Investigation: Parkway Gathering

Report Delivered: 07/07/2025

Prepared for:  
3122 National Parks HWY  
Carlsbad, NM 88220

Prepared By:  
Advanced Geophysics, LLC  
2821 White Plains Dr.  
Midlothian, Texas 76065



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# Executive summary

## Introduction

**Ensolum, LLC** requested an aerial and geophysical karst survey following a release near the Parkway Gathering site, located at 32.64263, -104.09655. The objective of the surveys was to assess the stability of the site by investigating surface and subsurface conditions for the presence of potential karst features.

## Findings

- The aerial survey revealed:
  - **Two anomalies** were identified as potential karst features, but field verification determined the anomalies to be the result of low-lying topography and dense vegetation, rather than true karst features.
- The geophysical survey revealed:
  - **No anomalies** interpreted to be areas of increased porosity or air-filled voids.

## Recommendations

- **Mitigation Planning:**
  - Any subsurface voids encountered during construction, or any phase of the remediation process must be reported to the Bureau of Land Management Karst Division or the New Mexico State Lands Office Resource Division.
  - Mitigation measures should align with guidelines in the **Bureau of Land Management Cave and Karst Management Handbook (H-8380-1)** or the **Natural Resources Conservation Service Conservation Practice Standard for Karst Sinkhole Treatment (Code 527)**.

## Conclusions

The aerial karst survey identified two anomalies characterized by relatively sharp elevation changes, initially suggestive of potential surficial karst features. However, subsequent field verification determined these anomalies to be the result of low-lying topography and dense vegetation, rather than true karst expressions. Geophysical surveys did not delineate any subsurface anomalies indicative of air-filled voids, conduits, or zones of elevated porosity. In the absence of both surficial and subsurface karst features, the site is characterized as “stable.”

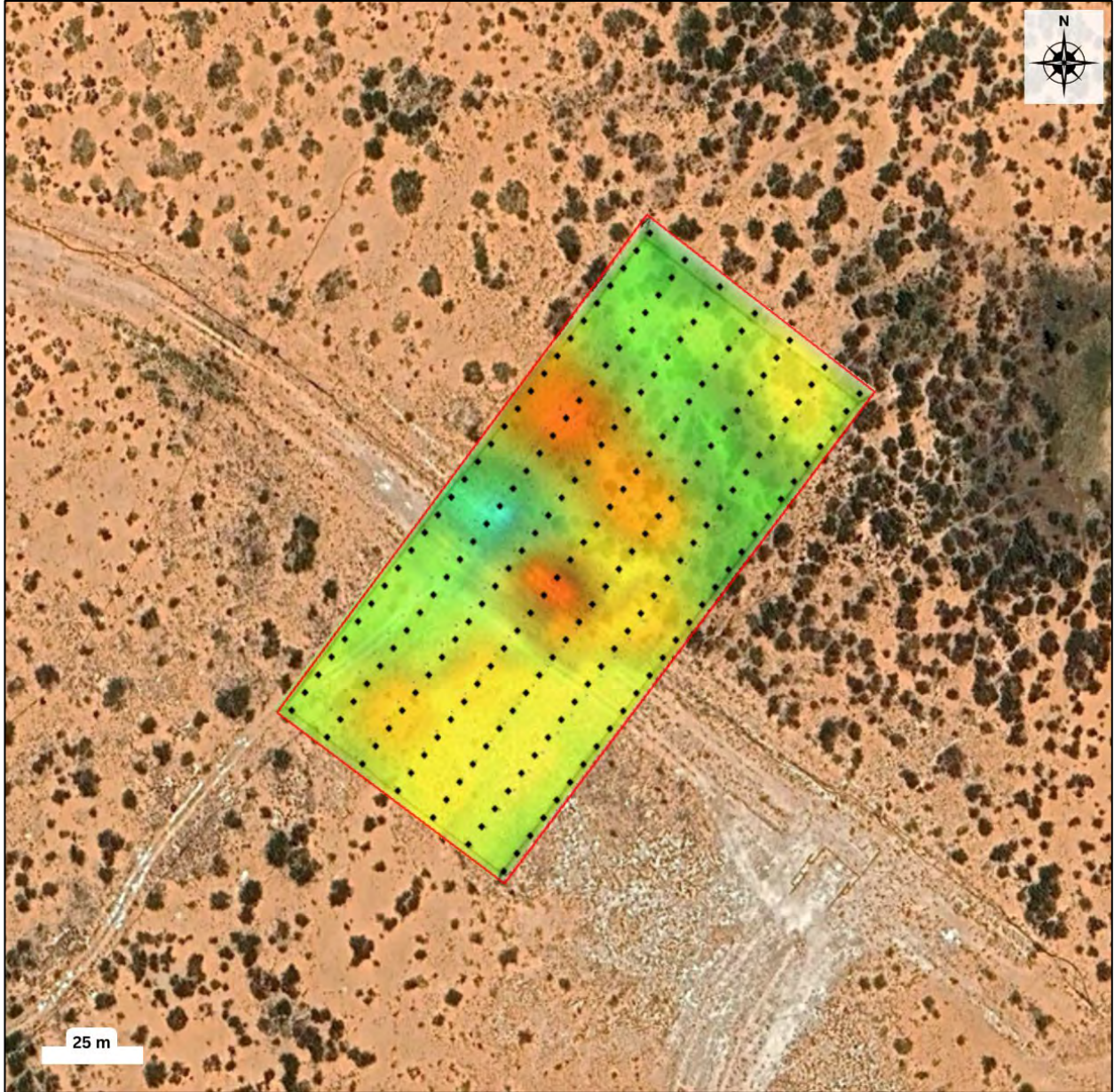


Figure A. Aerial view of the location of the release with integrated geophysical overlay, illustrating the results of the electrical resistivity survey.

## 1.0 INTRODUCTION

The following report has been prepared for Ensolum, LLC, to determine the presence or absence of surface and subsurface voids surrounding a release near the Parkway Gathering site, located at approximately 32.64263, -104.09655, within Eddy County, New Mexico (**Figure 1**). To delineate the subsurface features, a geophysical survey (electrical resistivity tomography) was conducted, processed, and interpreted by Kaleb Henry of Advanced Geophysics, LLC. The aerial karst survey was conducted and processed by SWCA Environmental Consultants. The aerial data was then reviewed and interpreted by Kaleb Henry of Advanced Geophysics, LLC.

The aerial and electrical resistivity surveys were requested by Ensolum, LLC on May 23, 2025. Upon the request, the client provided coordinates (listed above) for the well pad, as well as a Google Earth shape file (**Output.KMZ**) to ensure the survey encompassed the entire release.

### 1.1 Summary of Results

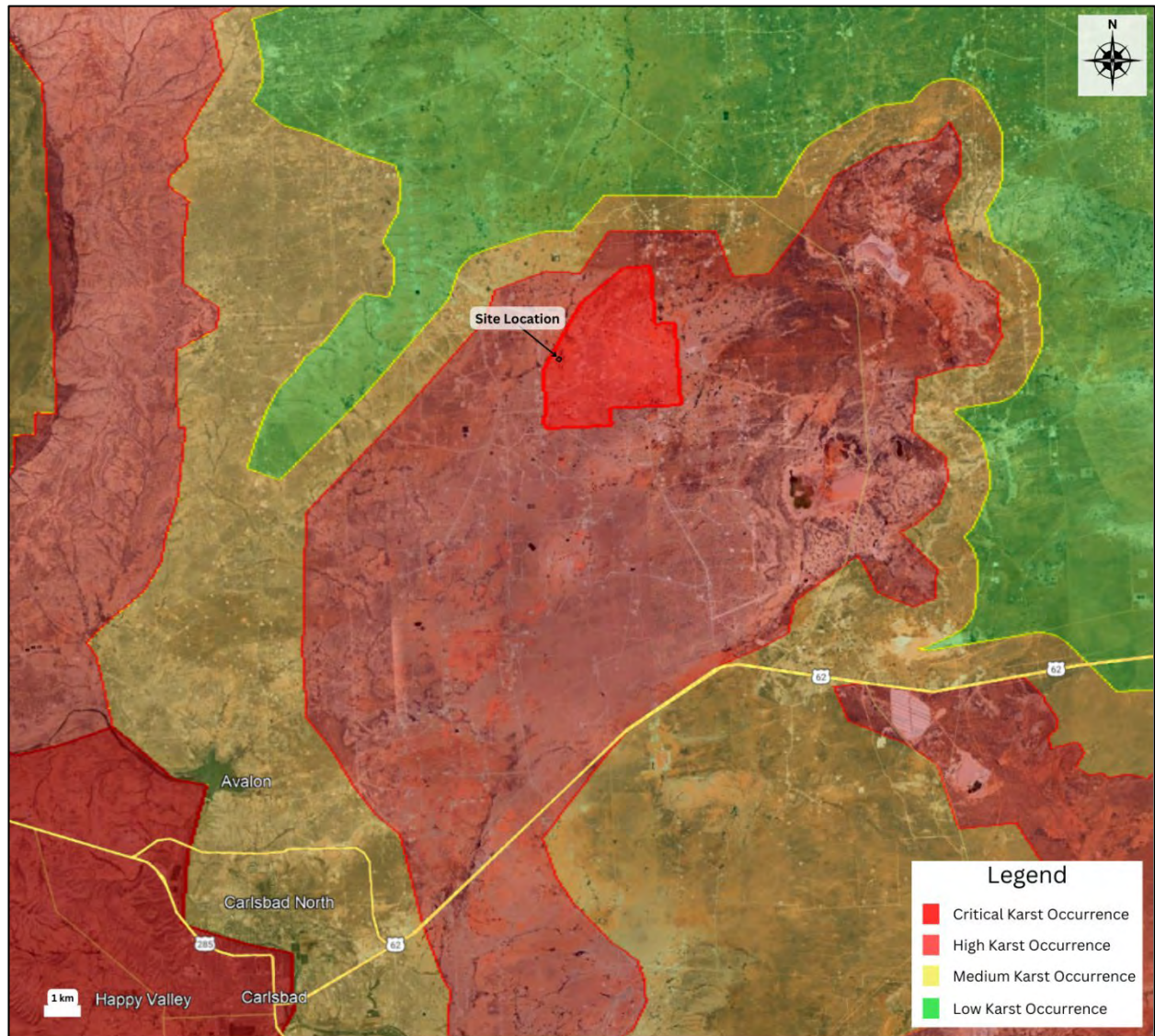
The aerial karst survey identified two anomalies exhibiting relatively sharp elevation changes, initially suggestive of surficial karst features. However, field verification confirmed these to be natural topographic depressions combined with dense vegetation, rather than true karst features. The geophysical survey did not detect any subsurface anomalies indicative of air-filled voids or zones of elevated porosity. Although smaller voids, fractures, or areas of increased porosity may be present, they may have gone undetected due to the resolution limitations of the survey. Given the absence of definitive karst features in both the aerial and geophysical surveys, the site is characterized as stable.

### 1.2 Site Location

The site is located approximately 27.82 kilometers (17.29 miles) northeast of Carlsbad, New Mexico, and approximately 16.48 kilometers (10.24 miles) north of US Highway 62, within the SWSE quarters of Section 20, Township 19 South, Range 29 East, in Eddy County, New Mexico. The release occurred on New Mexico State land.

### 1.3 Bureau of Land Management Characterization

The BLM have identified four divisions of karst potential: low, medium, high, and critical. These regions are characterized based on the known occurrence of karst features, underlying geologic formations, and potential impacts to freshwater aquifers. The survey was conducted within an area characterized as **critical/high** karst occurrence zone by the (BLM) – Carlsbad Office<sup>[1]</sup>.



**Figure 1.** Aerial overview of the site location, illustrating the surrounding karst occurrence zones. Map provided by Google Earth in datum WSG-84. Karst occurrence map provided by Bureau of Land Management – Carlsbad Office.

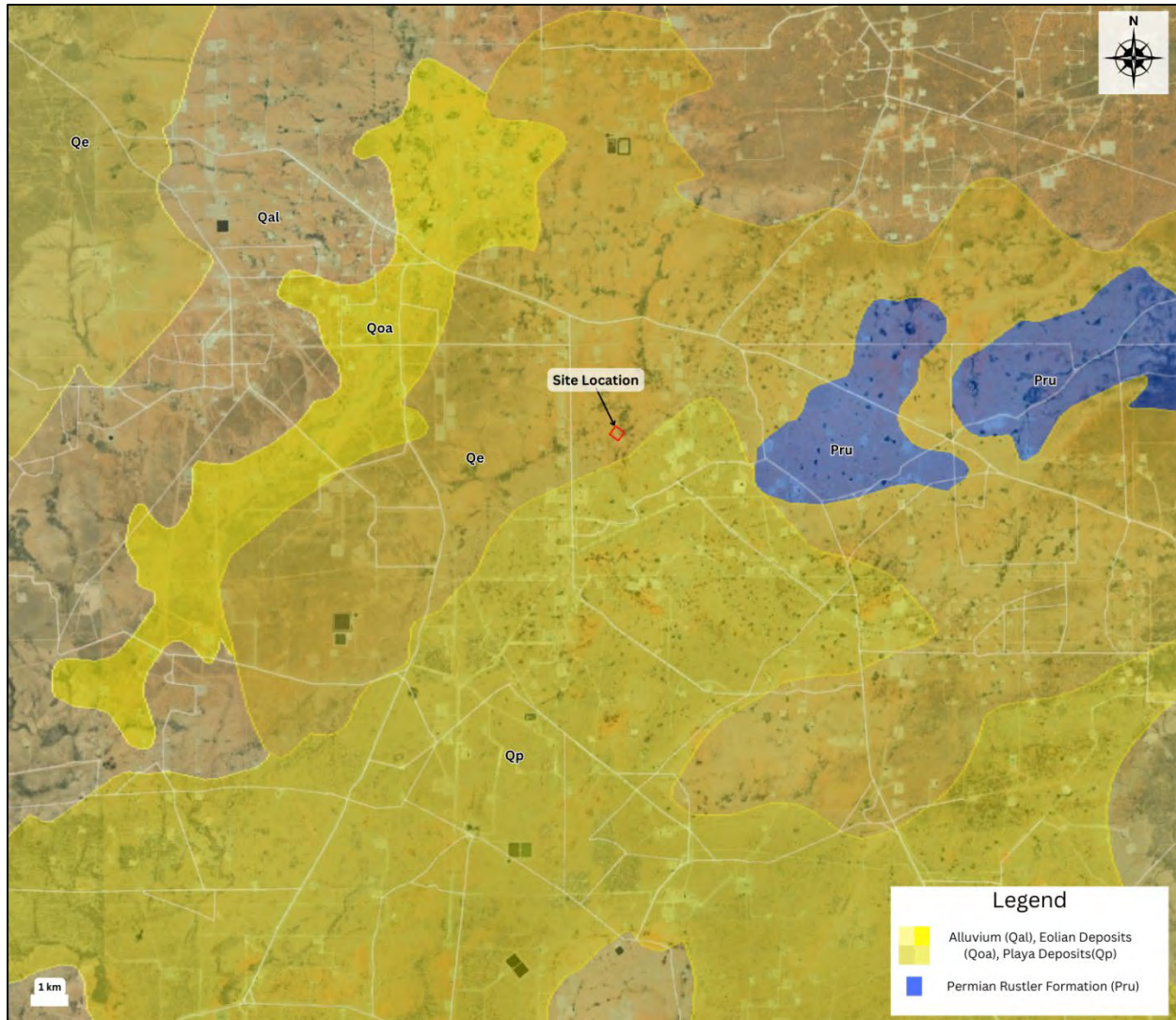
## 2.0 LOCAL GEOLOGY AND ENVIRONMENT

### 2.1 Geologic Setting

The site is situated along the northern edge of the Chihuahuan Desert, on the outskirts of a physiographic region known as the Gypsum Plain (**Figure 2**)<sup>[13]</sup>. The Gypsum Plain is composed of Permian-age evaporites, characterized by extensive cave and karst development in the Castile, Salado, and Rustler Formations<sup>[11]</sup>. Stratigraphically, the Rustler Formation overlies the Salado and Castile Formations within the Delaware Basin. The Rustler Formation was deposited during the mid-to-late Ochoan, as the Delaware Basin transitioned from a hypersaline sea to a terrestrial environment<sup>[3][6]</sup>. This transition led to a complex array of depositional environments, resulting in the formation of five distinct members within the Rustler Formation: Los Medaños, Culebra Dolomite, Tamarisk, Magenta Dolomite, and Forty-niner, listed in ascending order. The Tamarisk and Forty-niner Members, in particular, exhibit the most diverse salt pan to mudflat facies within the Rustler Formation, comprising mudstone, halite, and gypsum<sup>[16]</sup>. Due to their composition, these facies are highly susceptible to dissolution, leading to the formation of karst features.

Directly beneath the Rustler Formation lies the Salado Formation, deposited during the mid-Ochoan as the Delaware Basin became increasingly restricted, forming a density-stratified, hypersaline sea<sup>[17]</sup>. This depositional environment resulted in the Salado Formation being predominantly composed of halite (salt-NaCl) interbedded with anhydrite (gypsum)<sup>[18]</sup>. These evaporite facies are highly prone to dissolution by downward-migrating meteoric waters, which can create various karst features such as conduits, sinkholes, and cavernous porosity. Once initiated, these features can expand rapidly due to the high solubility of halite and gypsum/anhydrite. Halite, with a solubility rate of 360 g/L at 77°F, is approximately two orders of magnitude more soluble than gypsum<sup>[15]</sup>. Gypsum, in turn, has a solubility rate of approximately 2.531 g/L at 68°F, which is around four orders of magnitude higher than that of limestone (calcium carbonate)<sup>[9]</sup>.

The high solubility of these evaporite facies facilitates the rapid development of complex cave systems, which can form within days, weeks, or years, depending on the surrounding hydrogeologic conditions<sup>[13]</sup>. These cave systems serve as preferential flow paths for shallow groundwater recharge, creating a dynamic and continuously evolving karst-aquifer system<sup>[11]</sup>.



**Figure 2.** Geologic formations surrounding the site location. Permian Rustler Formation (Pr), Quaternary alluvial, eolian, and playa deposits (Qal, Qoa, Qp). Background image provided by Google Earth in datum WSG-84. Geologic unit overlay provided by the United State Geologic Society (USGS) and the Bureau of Economic Geology, UT-Austin.

## 2.2 Environmental Setting

The site is located within an area known as the Chihuahuan Desert Thornscrub, where vegetation is sparse. Vegetation surrounding the surveyed location primarily consists of grass with and few creosote bushes. The site is mantled by a soil profile known as the Reeves-Gypsum land complex, which is composed of a loamy gypsiferous material<sup>[14]</sup>. These soils are highly unstable, due to their increased solubility rates<sup>[14]</sup>.

The environment surrounding the survey has been characterized as an evaporitic karst terrain, due to the underlying geologic formations. The Rustler Formation has many

documented sinkholes, conduits, and caves, which are highly susceptible to enlargement by dissolution as surface water migrates downward through the formation. These conduits can facilitate the rapid recharge of the groundwater aquifers.

### 3.0 METHODOLOGY

#### 3.1 Description of Geophysical Survey

This project consisted of seven parallel two-dimensional (2-D) direct current (DC) resistivity survey lines. These surveys were conducted using an Advanced Geosciences' Inc. (AGI) SuperSting™ (R8/IP) multi-electrode earth resistivity meter. All seven lines were performed using a dipole-dipole array configuration consisting of 28 electrodes arranged southwest-to-northeast (electrodes 1 to 28), with a 5-meter (16.4 ft) electrode spacing and 10-meter (32.8 ft) line spacing oriented from northwest-to-southeast (lines 1 to 7). This set up was designed to ensure high accuracy and enhanced shallow depth resolution. Due to the electrode spacing and configuration, the near surface resolution is approximately 2.5 meters (8.2 ft), with the total depth of investigation ranging from 32.4 to 37.2 meters (106.2 to 122 ft) below ground surface (bgs). Each electrode location was recorded using an EMLID RS3 GPS unit with an estimated horizontal location error of 5 centimeters (2 in). The KML file (**Parkway Gathering.kml**) and the corresponding raw dataset (**Parkway Gathering\_Report.csv**) produced during the data collection were submitted to Ensolum, LLC upon submission of the report.

The electrical contact resistance between the ground and each electrode was maintained below 5,000  $\Omega\text{m}$ . If initial electrode contact resistance exceeded 5,000  $\Omega\text{m}$ , then electrodes would be wetted with well water prior to the survey to lower contact resistance below 5,000  $\Omega\text{m}$ . Each electrical resistivity line was conducted using time estimates of 800 ms and cycled twice per electrode pair. The SuperSting™ (R8/IP) was set to inject a 2,000 mA current for each survey measurement and was set to reach a maximum error threshold of 2% between measurement cycles. Recorded resistivity measurements were processed with EarthImager™ 2-D/3-D inversion modeling software, produced by AGI. To improve inverted resistivity models, data outliers which account for less than 10% of total data, were removed using data misfit histograms. Terrain correction was incorporated into resistivity sections to better constrain the relationship between topography and electrical resistivity analyses.

The surveyed lines (PARK1.stg – PARK7.stg) were completed by Kaleb Henry and Ralph Reyes between July 4, 2025, and July 5, 2024.

### 3.2 Description of Aerial Survey

An aerial karst survey near the Parkway Gathering release was conducted by a Federal Aviation Administration (FAA) –licensed drone pilot affiliated with SWCA Environmental Consultants. Survey parameters were developed by Kaleb Henry of Advanced Geophysics to ensure compliance with the stringent requirements established by the Bureau of Land Management – Carlsbad Field Office (BLM-CFO), which are recognized by the New Mexico Oil Conservation Division (NMOCD) and the New Mexico State Land Office (NMSLO).

The aerial survey utilized a preplanned flight path flown at low elevations, with aerial transects spaced to achieve an estimated 70–80% imagery overlap. This overlap minimizes errors during the image-stitching process and enhances the accuracy and resolution of the final imagery products. Following data collection, the images were stitched to produce an orthomosaic image, which was then processed to generate a highly accurate Digital Elevation Model (DEM). A Lower Relief Model (LRM) was subsequently derived from the DEM to highlight sharp changes in elevation (approximately 5 cm). The LRM, along with the DEM and orthomosaic imagery, was carefully examined and analyzed by an experienced cave and karst specialist.

The aerial imagery used in the survey has a resolution of approximately 5 cm (2 in), enabling a trained geologist to identify small-scale karst features with a high degree of detail. However, it is important to recognize the potential presence of artificial artifacts within the LRM, as shadowing and dense vegetation can result in the misrepresentation of topographic highs or lows.

### 3.3 Electrical Resistivity Theory

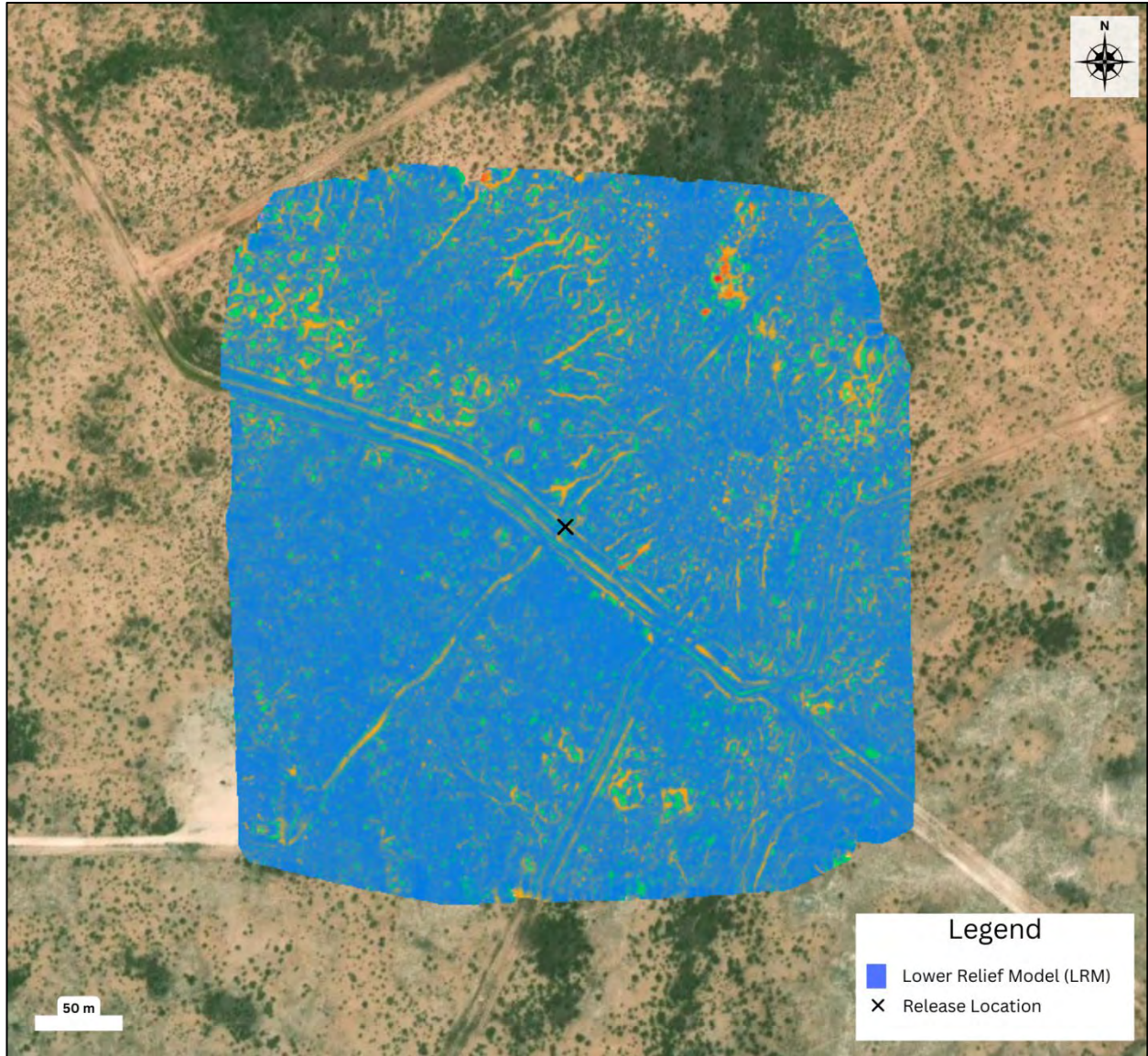
Electrical resistivity tomography is predicated on the response of electrical current flowing through subsurface material, from transmitter electrodes to potential electrodes. As the current migrates through the underlying media, a potential difference (apparent resistivity) in current is measured. There are three primary factors for determining the electrical resistivity of a subsurface material: Lithology, saturation, and porosity. As porosity increases, resistance to the flow of electrical current is increased, due to the theoretically infinite resistiveness of air. When an area of increased porosity/void is encountered within the subsurface a sharp contrast in electrical resistiveness to the surrounding material is measured and recorded. This theory, coupled with knowledge of the underlying geology, allows an experienced geophysicist to develop an accurate interpretation of the subsurface features.

NOTE: Conducting electrical resistivity surveys in areas with known subsurface metallic structures can lead to inaccurate representations of subsurface conditions. Metallic elements tend to create preferential pathways for electrical current, resulting in non-uniform current distributions that may cause inversion algorithms to misinterpret the acquired data. Additionally, these structures can generate shadow zones due to electromagnetic shielding, which impedes current penetration into deeper subsurface layers. Consequently, this may lead to artificially elevated or reduced resistivity values in the final interpretation.

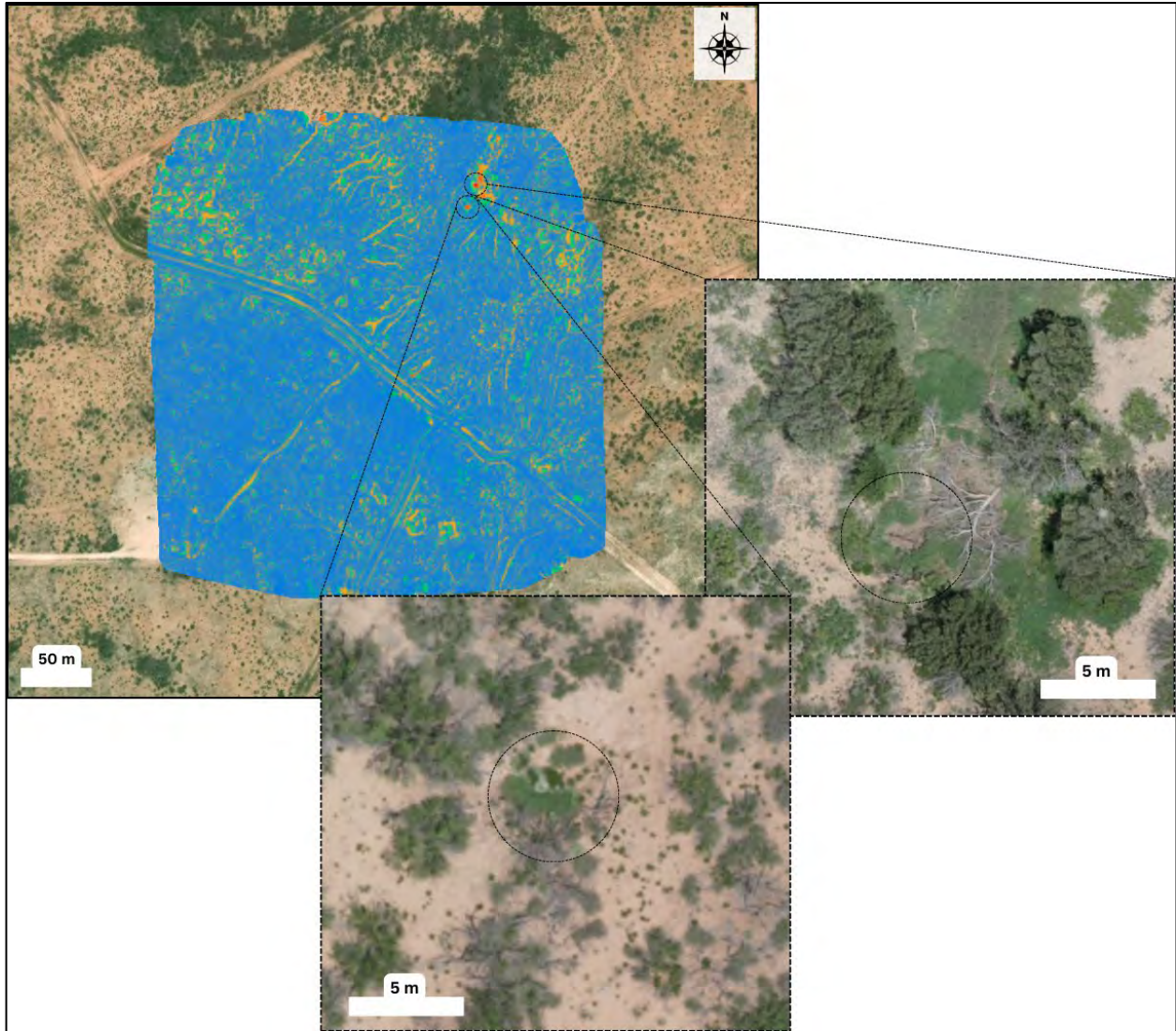
### 3.3 Survey Results

#### 3.3.1 Aerial Karst Survey

The aerial karst survey identified two anomalies characterized by relatively sharp elevation changes, initially suggestive of potential surficial karst features (**Figure 3**). However, subsequent field verification determined these anomalies to be the result of low-lying topography and dense vegetation, rather than true karst expressions (**Figure 4**).



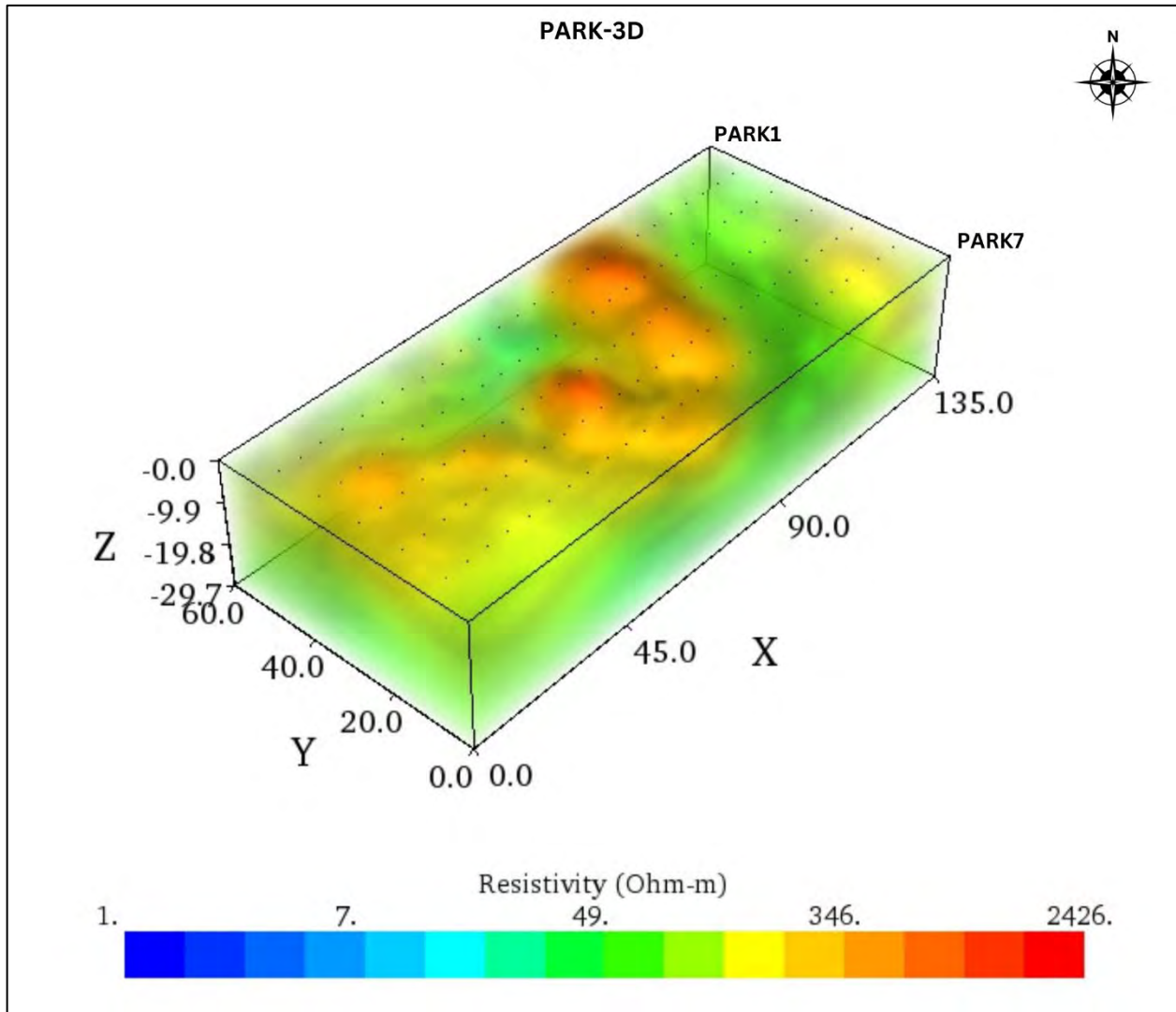
**Figure 3.** Lower Relief Model (LRM) of the area surrounding the release location near the Parkway Gathering site, delineated by the black X. The blue gradient represents variations in surface elevation, with green indicating areas of higher elevation and orange to red denoting areas of lower elevation.



**Figure 4.** The Lower Relief Model (LRM), in conjunction with orthomosaic imagery, illustrates the anomalies identified during the aerial survey. Field verification confirmed that both anomalies were attributable to low-lying topography and dense vegetation, rather than true surficial karst features.

### 3.3.2 Geophysical Karst Survey

The geophysical survey did not identify any subsurface anomalies that could be characterized as air-filled voids or areas of increased porosity. However, due to the resolution limitations, smaller fractures and voids/conduits may be present but went undetected.



**Figure 6.** 3-D image of the subsurface surrounding the release near the Parkway Gathering site. This model was created by combining the 2-D resistivity lines PARK1 through PARK7.

## 4.0 SUMMARY AND RECOMMENDATIONS

An aerial karst survey conducted near the Parkway Gathering site identified two surficial anomalies suggestive of karst features; however, field verification attributed these to natural topographic depressions and dense vegetation. A geophysical survey was also conducted, but revealed no subsurface anomalies indicative of air-filled voids or elevated porosity. Nonetheless, the potential presence of smaller undetected fractures or conduits cannot be excluded due to resolution limitations.

The underlying geologic formation at the surveyed location is highly susceptible to dissolution, which facilitates the rapid development and expansion of subsurface voids and conduits, within a timescale ranging from days to a few months. The progression of these processes can be significantly accelerated in the absence of appropriate mitigation measures. Infrastructure systems that contain or transport fluids pose a heightened risk in such settings. In the event of a structural failure or unnoticed leakage, the unintended introduction of fluids into the subsurface can intensify dissolution processes, potentially triggering rapid subsidence or collapse.

Subsurface voids encountered during construction, drilling or remediation processes should be immediately reported to either the Surface Resources Division of the New Mexico State Land Office Resources Division, or the Bureau of Land Management Karst Division, in order to request a Cave and Karst Specialist. Any implemented procedures to mitigate a cave or karst feature should follow the **Bureau of Land Management Cave and Karst Management Handbook, H-8380-1**, or the **Natural Resources Conservation Service Conservation Practice Standard for Karst Sinkhole Treatment, Code 527**.

## 5.0 REFERENCES

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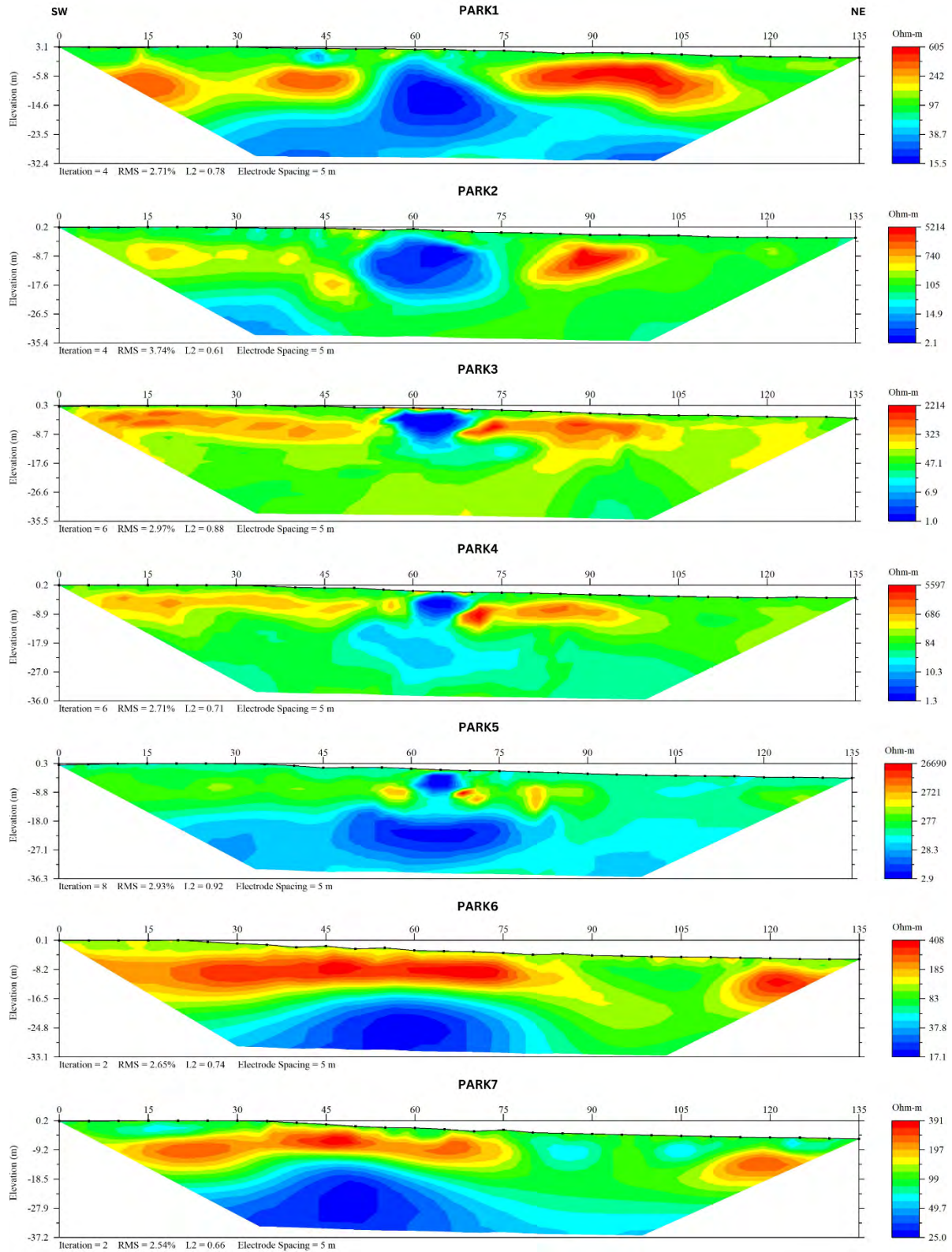
## 6.0 APPENDICES

### 6.1 Electrical Resistivity Data

The KML file (**Parkway Gathering.kml**) and the corresponding raw dataset (**Parkway Gathering\_Report.csv**), which document the precise locations of all electrodes, are also available upon request. The STG files were processed and modeled using EarthImager™ 2D/3D, provided by AGI. During the modeling process, data outliers which account for less than 10% of total data were removed using data misfit histograms. Terrain correction was incorporated into resistivity sections to better constrain the relationship between topography and electrical resistivity analyses.

The resistivity lines were collected from north-to-south, and the electrodes were oriented from west-to-east. The surveys reached a maximum depth ranging from approximately 32.4 to 37.2 meters (106.2 to 122 ft). Due to the resolution limitations, small fractures and voids/conduits may be present but went undetected.

## 6.2 Electrical Resistivity Images





## APPENDIX C

# NMSLO Cultural Resources and Biological Review

---



Stephanie Garcia Richard, Commissioner of Public Lands  
State of New Mexico

### NMSLO Cultural Resources Cover Sheet Exhibit

**NMCRIS Activity Number:**

(if applicable)

**Exhibit Type** (select one)

**ARMS Inspection/Review** - Summarize the results (select one):

- (A) The entire area of potential effect or project area has been previously surveyed to current standards and **no cultural properties** were found within the survey area.
- (B) The entire area of potential effect or project area has been previously surveyed to current standards and **cultural properties were found** within the survey area.
- (C) The entire area of potential effect or project area has **not** been previously surveyed or **has not been surveyed** to current standards. A complete archaeological survey will be conducted and submitted for review.

**Archaeological Survey**

**Findings:**

**Negative** - No further archaeological review is required.

**Positive** - Have avoidance and protection measures been devised? Select one:

**Comments:**

**Project Details:**

NMSLO Lease Number (if available):

Cultural Resources Consultant:

Project Proponent (Applicant):

Project Title/Description:

**Project Location:**

County(ies):

PLSS/Section/Township/Range):

---

**For NMSLO Agency Use Only:**

NMSLO Lease Number:

Acknowledgment-Only:

Lease Analyst:

Date Exhibit Routed to Cultural Resources Office:

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*No person may alter the wording of the questions or layout of the cover sheet. The completion of this cover sheet by itself does not authorize anyone to engage in new surface disturbing activity before the review and approvals required by the Cultural Properties Protections Rule.*

Form Revised 12 22



**CEHMM**

Conservation & Environmental Services

505 North Main Street | Carlsbad, New Mexico 88220-5875  
phone: (575)885-3700 | email: info@cehmm.org

ENSOLUM, LLC.

DEVON PARKWAY GATHERING LEAK

DESKTOP ENVIRONMENTAL REVIEW

04/10/2025

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Recommendations.....**Error! Bookmark not defined.**

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    Figure 2: SSPS Overview Map of the Parkway Gathering Leak.....3

## SUMMARY

CEHMM conducted a desktop environmental review for Ensolum, LLC for the Devon Energy Corporation, Parkway Gathering Leak (Project) on April 10, 2025. The incident number is nAPP2510026094 and the coordinates are 32.64263, -104.09655. The Project is on New Mexico State lands.

The impacted area is 2,512.93 square feet/.06 acres (See Figure 1). The Project lies in Special Status Plant Species Scheer's beehive cactus (*Coryphantha robustispina* ssp. *scheeri*) potential habitat (See Figure 2). The soil in the Project area consists of residuum weathered from gypsum on areas with uplands and hills. Drainage flow east into a playa 105 meters from the Project.

The Project is in a high karst zone with no known karst features in the area.

## MITIGATIONS

An SSPS and Karst surveys will need to be conducted to determine the impact of the leak.



Figure 1: Overview Map of the Parkway Gathering Leak




Figure 2: SSPS Overview Map of the Parkway Gathering Leak


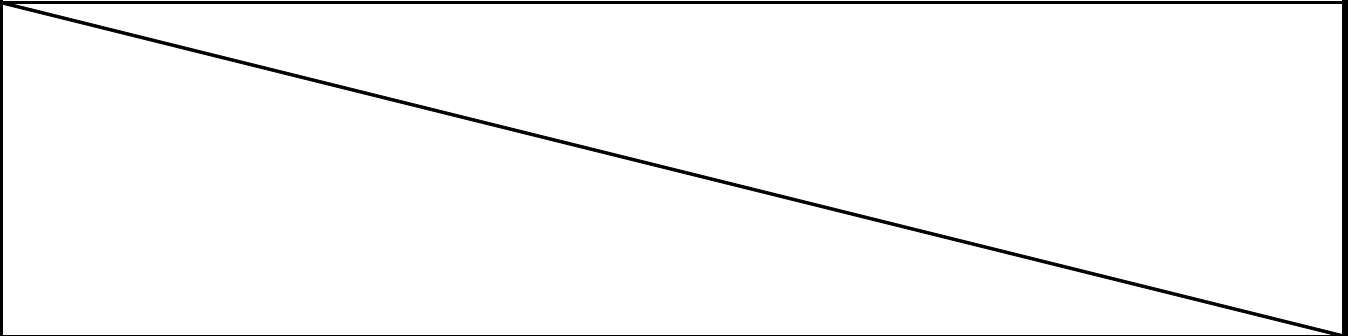



## APPENDIX D


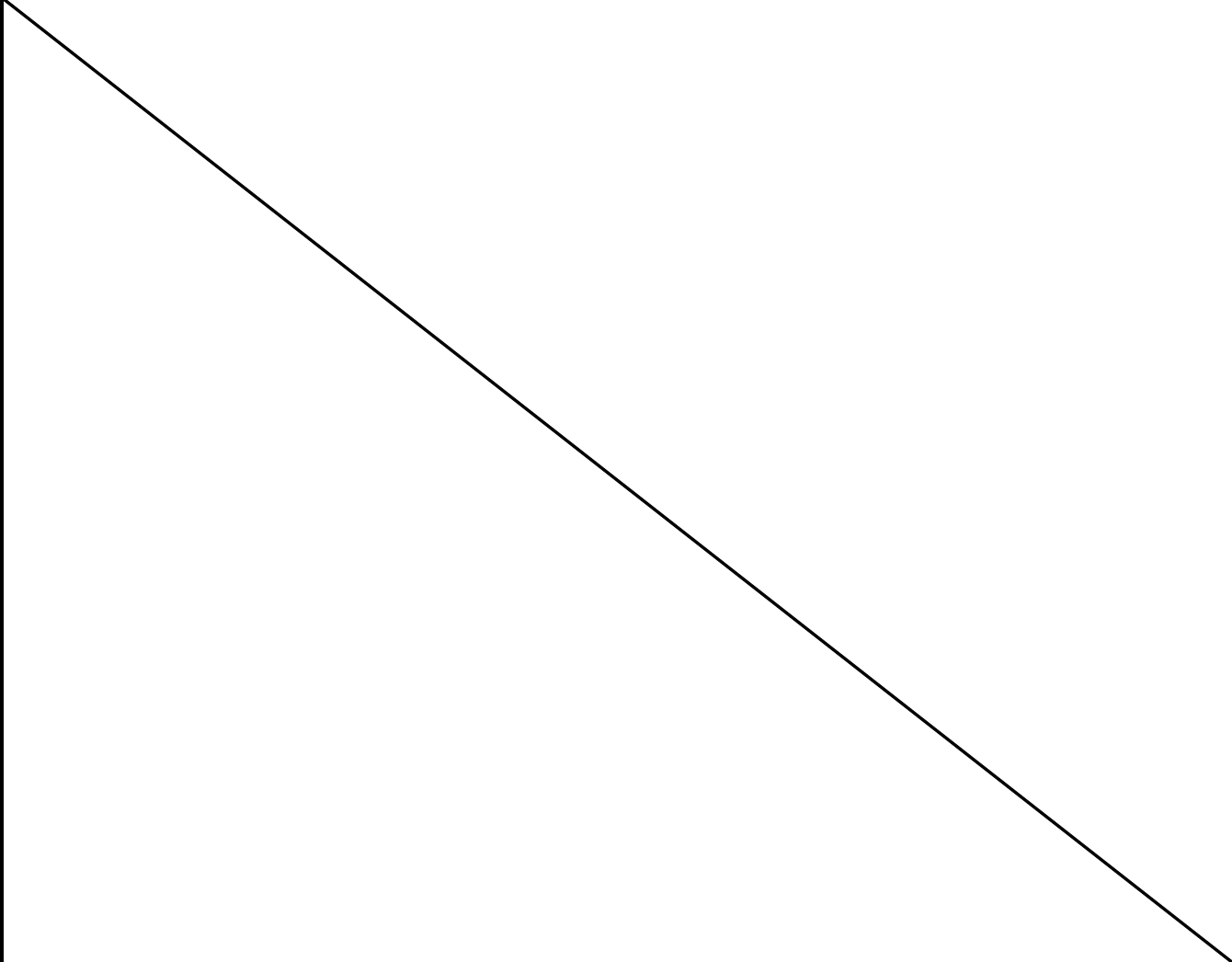
# Lithologic Soil Sampling Logs


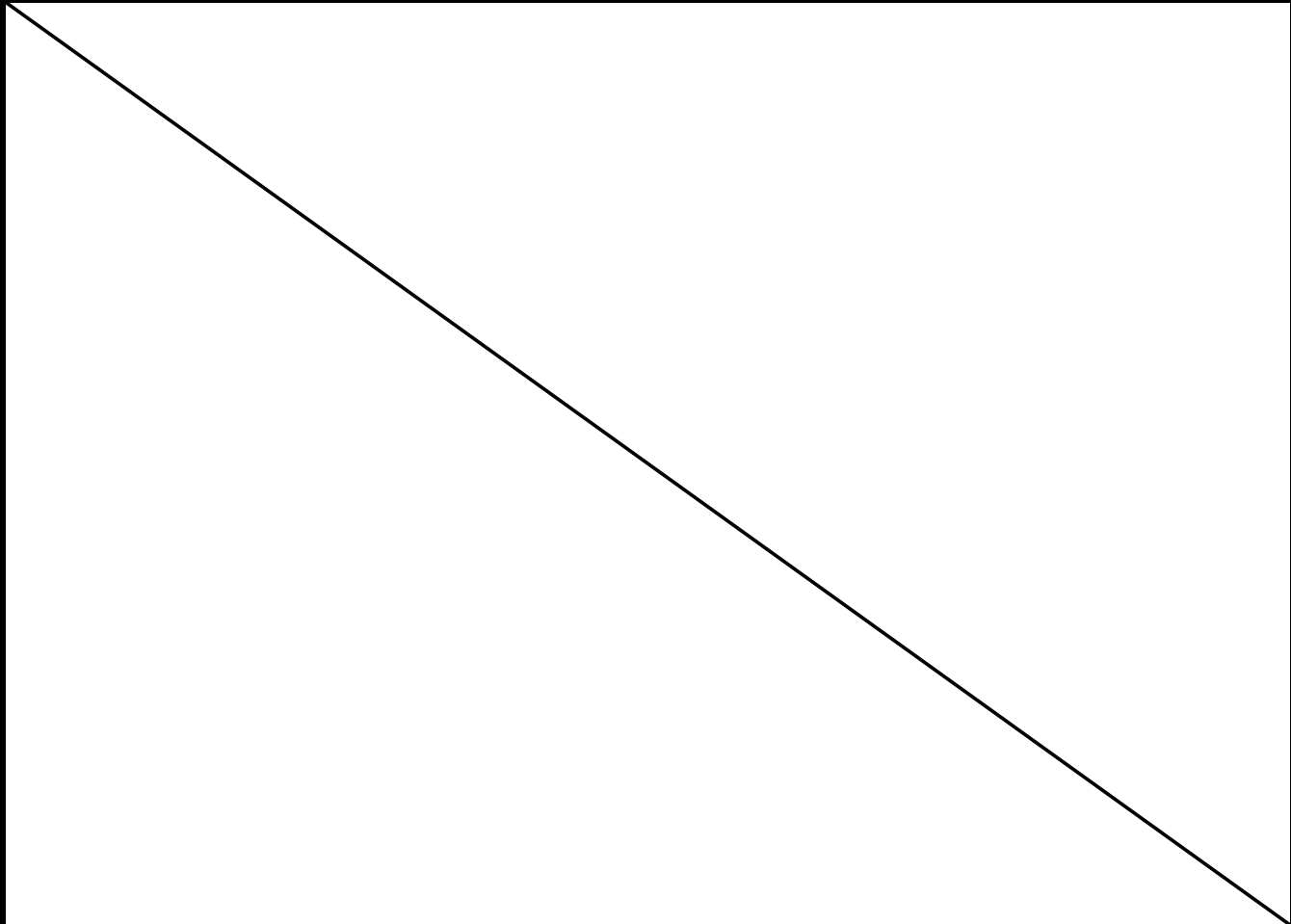
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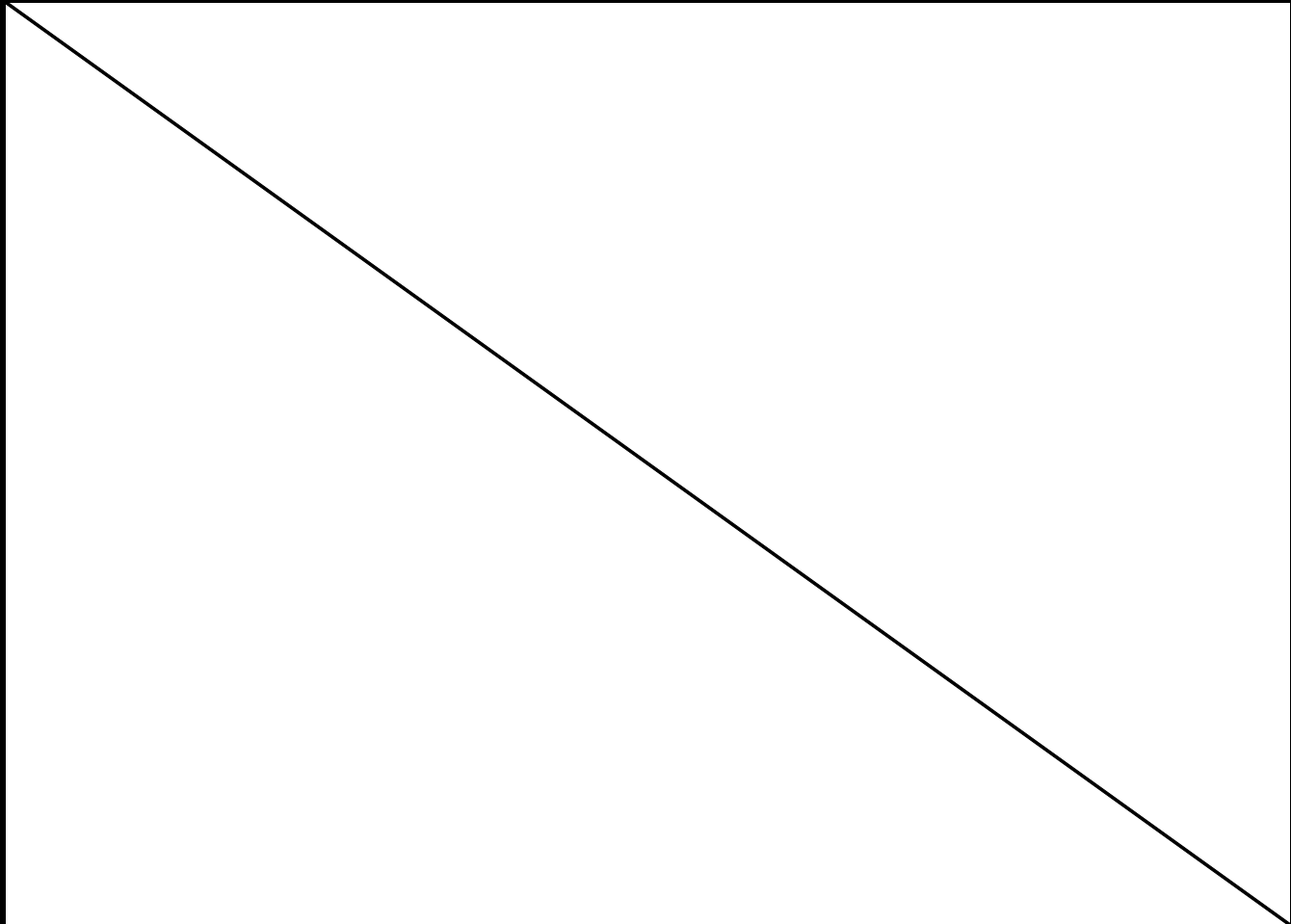
					Sample Name: BH01		Date: 5/15/2025			
					Site Name: Parkway Gathering Leak					
					Incident Number: nAPP2510026094					
					Job Number: 03A1987172					
<b>LITHOLOGIC / SOIL SAMPLING LOG</b>					Logged By: JH/ US		Method: Hand Auger			
Coordinates: 32.642623, -104.096522					Hole Diameter: 3"		Total Depth: 12'			
Comments: Field screening conducted with HACH Chloride Test Strips chloride. Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factors included.										
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions		
D			Y	BH01	0	0				
M			N			1	CCHE	CALICHE with gravel and light brown sand with silt fine to medium grain.		
M	17,645		N	BH01	2	2				
M			N			3				
M	14,929		N	BH01	4	4	CCHE	CALICHE, light tan, fine to medium grain, small to medium sized gravel.		
M			N			5				
M	14,929		N	BH01	6	6				
M			N			7				
M	14,929		N	BH01	8	8	SP-SM	SAND with silt, brown, fine to medium grain, small gravel and gypsum.		
D	14,929		N			9				
D			N	BH01	10	10				
D	6,787		N			11				
D			N	BH01	12	12				
Refusal @ 12 feet bgs										

					Sample Name: BH02		Date: 5/15/2025			
					Site Name: Parkway Gathering Leak					
					Incident Number: nAPP2510026094					
					Job Number: 03A1987172					
<b>LITHOLOGIC / SOIL SAMPLING LOG</b>					Logged By: JH/ US		Method: Hand Auger			
Coordinates: 32.642606, -104.096420					Hole Diameter: 3"		Total Depth: 9'			
Comments: Field screening conducted with HACH Chloride Test Strips chloride. Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factors included.										
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions		
M			Y	BH02	0	0				
M			N			1				
M	13,770		N	BH02	2	2	CCHE	CALICHE with sand, light tan, fine grain, small to medium sized gravel.		
M			N			3				
M	12,712		N	BH02	4	4				
M			N			5				
M			N	BH02	6	6	SP-SM	SAND with silt, light brown, fine grain, caliche with gravel, small to medium gravel, has gypsum.		
M			N			7				
M	12,712		N	BH02	8	8				
M			N	BH02	9	9				
Refusal @ 9 feet bgs										
										

								Sample Name: BH03	Date: 5/15/25
								Site Name: Parkway Gathering Leak	
								Incident Number: nAPP2510026094	
								Job Number: 03A1987172	
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: JH/ US	Method: Hand Auger
Coordinates: 32.642534, -104.096284								Hole Diameter: 3" to 6"	Total Depth: 21'
Comments: Field screening conducted with HACH Chloride Test Strips for chloride. Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factors included. Hand Auger refusal at 15' bgs. Air rotary drill used 8/29/25 for 16-21' bgs.									
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions	
D			Y	BH03	0	0	SP-SM	SAND with silt, dark brown, fine grain with small gravel.	
D			N			1			
D	7347		N	BH03	2	2	SP-SM	SAND with silt, light brown, fine grain.	
D			N			3			
D	12,712		N	BH03	4	4			
					6	6			
D	10,864		N			7			
					8	8			
D	10,864		N			9			
					10	10			
D	12,712		N	BH03	12.5	12.5	CCHE	CALICHE, tan, with light brown sand, fine grain with small gravel.	
D	10,052		N			13			
D	10,052		N			14			
D	12,712		N	BH03	15	15			
D	8,422		N	BH03	16	16	SP-SM	SILTY Sand, brown, fine grain, non-cohesive and poorly graded.	
D	20,070		N			18	SW-SM	SILTY sand, brown, fine-medium grain, non-cohesive, well graded.	

					Sample Name: BH03		Date: 5/15/25			
					Site Name: Parkway Gathering Leak					
					Incident Number: nAPP2510026094					
					Job Number: 03A1987172					
<b>LITHOLOGIC / SOIL SAMPLING LOG</b>					Logged By: JH/ US		Method: Hand Auger			
Coordinates: 32.642534, -104.096284					Hole Diameter: 3" to 6"		Total Depth: 21'			
Comments: Field screening conducted with HACH Chloride Test Strips for chloride. Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factors included. Hand Auger refusal at 15' bgs. Air rotary drill used 8/29/25 for 16-21' bgs.										
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions		
D	526.4		Y	BH03	20	20	SW-SM	SILTY sand, brown, fine-medium grain, non-cohesive, well graded.		
D	229.6		N	BH03	21	21	SP-SM	SILTY sand, tan, fine-medium grain, non-cohesive, poorly graded.		
Total Depth @ 21 feet bgs										
										

					Sample Name: BH04		Date: 5/15/2025	
					Site Name: Parkway Gathering Leak			
					Incident Number: nAPP2510026094			
					Job Number: 03A1987172			
<b>LITHOLOGIC / SOIL SAMPLING LOG</b>					Logged By: JH/ US		Method: Hand Auger	
Coordinates: 32.642737, -104.096399					Hole Diameter: 3"		Total Depth: 2'	
Comments: Field screening conducted with HACH Chloride Test Strips chloride. Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factors included.								
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D			Y	BH04	0	0	SP-SM	SAND with silt, brown, fine grain
D	207		N	BH04	1	1		
D	ND		N			2	CCHE	CALICHE, tan, fine grain, with small gravel.
Total Depth @ 2 feet bgs								
								

					Sample Name: BH05		Date: 5/15/2025	
					Site Name: Parkway Gathering Leak			
					Incident Number: nAPP2510026094			
					Job Number: 03A1987172			
<b>LITHOLOGIC / SOIL SAMPLING LOG</b>					Logged By: JH/ US		Method: Hand Auger	
Coordinates: 32.642889, -104.096238					Hole Diameter: 3"		Total Depth: 2'	
Comments: Field screening conducted with HACH Chloride Test Strips chloride. Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factors included.								
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D			N	BH05	0	0		
D	537		N			1	SP-SM	SAND with silt, brown, fine grain.
D	ND		N	BH05	2	2	SP-SM	SAND with silt, light brown, fine grain.
Total Depth @ 2 feet bgs								
								



## APPENDIX E

### Photographic Log

---

**Photographic Log**

Devon Energy Production Company, LP  
Parkway Gathering Leak  
nAPP2510026094

<p><u>Photograph</u> 1</p>	<p><u>Date</u> 4/9/2025</p>	
<p><u>Description</u> Spill Area</p>		
<p><u>View</u> North</p>		
<p><u>Photograph</u> 2</p>	<p><u>Date</u> 4/9/2025</p>	
<p><u>Description</u> Spill Area</p>		
<p><u>View</u> Southeast</p>		

**Photographic Log**

Devon Energy Production Company, LP  
Parkway Gathering Leak  
nAPP2510026094

<p><u>Photograph</u> 3</p>	<p><u>Date</u> 4/9/2025</p>	
<p><u>Description</u> Spill Area</p>		
<p><u>View</u> Northeast</p>		
<p><u>Photograph</u> 4</p>	<p><u>Date</u> 5/14/2025</p>	
<p><u>Description</u> Delineation (SS02)</p>		
<p><u>View</u> South</p>		



**Photographic Log**

Devon Energy Production Company, LP  
Parkway Gathering Leak  
nAPP2510026094

<p><u>Photograph</u> 5</p>	<p><u>Date</u> 5/14/2025</p>	
<p><u>Description</u> Delineation (SS05)</p>		
<p><u>View</u> North</p>		
<p><u>Photograph</u> 6</p>	<p><u>Date</u> 5/14/2025</p>	
<p><u>Description</u> Delineation (SS09)</p>		
<p><u>View</u> Northwest</p>		

**Photographic Log**

Devon Energy Production Company, LP  
Parkway Gathering Leak  
nAPP2510026094

<p><u>Photograph</u> 7</p>	<p><u>Date</u> 5/15/2025</p>	
<p><u>Description</u> Delineation (BH02)</p>		
<p><u>View</u> Southeast</p>		
<p><u>Photograph</u> 8</p>	<p><u>Date</u> 5/15/2025</p>	
<p><u>Description</u> Delineation (BH05)</p>		
<p><u>View</u> Northeast</p>		



**Photographic Log**

Devon Energy Production Company, LP  
Parkway Gathering Leak  
nAPP2510026094

<p><u>Photograph</u> 9</p>	<p><u>Date</u> 5/21/2025</p>	
<p><u>Description</u> Delineation (BH01)</p>		
<p><u>View</u> South</p>		
<p><u>Photograph</u> 10</p>	<p><u>Date</u> 5/21/2025</p>	
<p><u>Description</u> Delineation (BH02)</p>		
<p><u>View</u> South</p>		

**Photographic Log**

Devon Energy Production Company, LP  
Parkway Gathering Leak  
nAPP2510026094

<p><u>Photograph</u> 11</p>	<p><u>Date</u> 5/15/2025</p>	 <p>BH03 Ensolum, LLC</p> <p>Parkway Gathering Leak 22 May 2025, 12:26:49 PM</p>
<p><u>Description</u> Delineation (BH03)</p>		
<p><u>View</u> Northwest</p>		
<p><u>Photograph</u> 12</p>	<p><u>Date</u> 8/29/2025</p>	 <p>BH03 Ensolum, LLC</p> <p>Parkway Gathering Leak 29 Aug 2025, 10:23:29</p>
<p><u>Description</u> Delineation (BH03)</p>		
<p><u>View</u> Northwest</p>		

**Photographic Log**

Devon Energy Production Company, LP  
Parkway Gathering Leak  
nAPP2510026094

<p><u>Photograph</u> 13</p>	<p><u>Date</u> 1/8/2026</p>	<p>Excavation Ensolum, LLC</p> <p>Parkway gathering Leak 08 Jan 2026, 13:15:36</p>
<p><u>Description</u> Hydro-vac</p>		
<p><u>View</u> Southeast</p>		
<p><u>Photograph</u> 14</p>	<p><u>Date</u> 1/9/2026</p>	<p>Excavation Ensolum, LLC</p> <p>Parkway gathering Leak 09 Jan 2026, 08:43:44</p>
<p><u>Description</u> Excavation</p>		
<p><u>View</u> Northwest</p>		





**Photographic Log**

Devon Energy Production Company, LP  
Parkway Gathering Leak  
nAPP2510026094

<p><u>Photograph</u> 15</p>	<p><u>Date</u> 1/9/2026</p>	 <p>Excavation Ensolum, LLC</p> <p>Parkway gathering Leak 09 Jan 2026, 12:06:42</p>
<p><u>Description</u> Excavation</p>		
<p><u>View</u> North</p>		
<p><u>Photograph</u> 16</p>	<p><u>Date</u> 1/9/2026</p>	 <p>Excavation Ensolum, LLC</p> <p>Parkway gathering Leak 09 Jan 2026, 13:31:45</p>
<p><u>Description</u> Excavation</p>		
<p><u>View</u> West</p>		

**Photographic Log**

Devon Energy Production Company, LP  
Parkway Gathering Leak  
nAPP2510026094

<p><u>Photograph</u> 17</p>	<p><u>Date</u> 1/12/2026</p>	
<p><u>Description</u> Excavation</p>		
<p><u>View</u> East</p>		<p>Excavation Ensolum, LLC</p> <p>Parkway gathering Leak 12 Jan 2026, 11:25:29</p>
<p><u>Photograph</u> 18</p>	<p><u>Date</u> 1/12/2026</p>	
<p><u>Description</u> Excavation</p>		
<p><u>View</u> East</p>		<p>Excavation Ensolum, LLC</p> <p>Parkway gathering Leak 12 Jan 2026, 11:25:53</p>



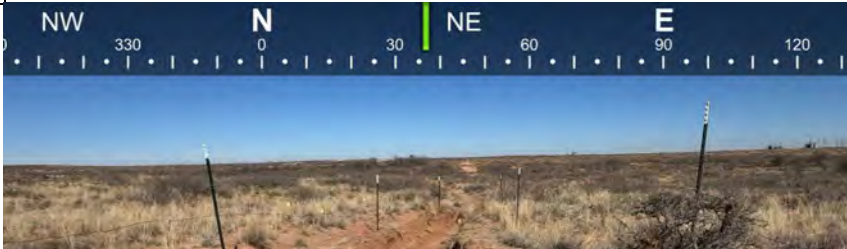

**Photographic Log**

Devon Energy Production Company, LP  
Parkway Gathering Leak  
nAPP2510026094

<p><u>Photograph</u> 19</p>	<p><u>Date</u> 1/12/2026</p>	 <p>Excavation Ensolum, LLC</p> <p>Parkway gathering Leak 12 Jan 2026, 11:26:29</p>
<p><u>Description</u> Excavation</p>		
<p><u>View</u> Southeast</p>		
<p><u>Photograph</u> 20</p>	<p><u>Date</u> 1/13/2026</p>	 <p>Excavation Ensolum, LLC</p> <p>Parkway gathering Leak 13 Jan 2026, 13:10:13</p>
<p><u>Description</u> Excavation</p>		
<p><u>View</u> East</p>		

**Photographic Log**

Devon Energy Production Company, LP  
Parkway Gathering Leak  
nAPP2510026094

<p><u>Photograph</u> 21</p>	<p><u>Date</u> 1/12/2026</p>	
<p><u>Description</u> Excavation</p>		
<p><u>View</u> East</p>		<p>Excavation Ensolum, LLC</p> <p>Parkway gathering Leak 13 Jan 2026, 13:10:22</p>
<p><u>Photograph</u> 22</p>	<p><u>Date</u> 1/13/2026</p>	
<p><u>Description</u> Excavation</p>		
<p><u>View</u> North</p>		<p>Excavation Ensolum, LLC</p> <p>Parkway gathering Leak 13 Jan 2026, 13:10:53</p>





## Photographic Log

Devon Energy Production Company, LP  
Parkway Gathering Leak  
nAPP2510026094

<p><u>Photograph</u> 23</p>	<p><u>Date</u> 1/29/2026</p>	
<p><u>Description</u> Excavation</p>		
<p><u>View</u> Northeast</p>		<p>FS13 Ensolum, LLC</p> <p>Parkway Gathering Leak 29 Jan 2026 10:01:22 AM MST</p>
<p><u>Photograph</u> 24</p>	<p><u>Date</u> 1/29/2026</p>	
<p><u>Description</u> Excavation</p>		
<p><u>View</u> Northeast</p>		<p>FS13 Ensolum, LLC</p> <p>Parkway Gathering Leak 29 Jan 2026 11:00:53 AM MST</p>

### Photographic Log

Devon Energy Production Company, LP  
Parkway Gathering Leak  
nAPP2510026094

<p><u>Photograph</u> 23</p>	<p><u>Date</u> 2/16/2026</p>	
<p><u>Description</u> Backfill</p>		
<p><u>View</u> Northeast</p>		<p>Backfill Ensolum, LLC</p> <p>Parkway Gathering Leak 16 Feb 2026, 08:46:51</p>
<p><u>Photograph</u> 24</p>	<p><u>Date</u> 2/16/2026</p>	
<p><u>Description</u> Backfill</p>		
<p><u>View</u> Southeast</p>		<p>Backfill Ensolum, LLC</p> <p>Parkway Gathering Leak 16 Feb 2026, 08:46:57</p>



## APPENDIX F

# Laboratory Analytical Reports & Chain-of-Custody Documentation

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Report to:  
Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

### Devon Energy - Carlsbad

Project Name: Parkway Gathering Leak

Work Order: E505178

Job Number: 01058-0007

Received: 5/16/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
5/22/25

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: 5/22/25



Ashley Giovengo  
6488 7 Rivers Hwy  
Artesia, NM 88210

Project Name: Parkway Gathering Leak  
Workorder: E505178  
Date Received: 5/16/2025 8:30:22AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/16/2025 8:30:22AM, under the Project Name: Parkway Gathering Leak.

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

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
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Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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

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## Sample Summary

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

Project Name: Parkway Gathering Leak  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
05/22/25 13:13

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS01-0'	E505178-01A	Soil	05/14/25	05/16/25	Glass Jar, 2 oz.
SS01-1'	E505178-02A	Soil	05/14/25	05/16/25	Glass Jar, 2 oz.
SS02-0'	E505178-03A	Soil	05/14/25	05/16/25	Glass Jar, 2 oz.
SS02-1'	E505178-04A	Soil	05/14/25	05/16/25	Glass Jar, 2 oz.
SS03-0'	E505178-05A	Soil	05/14/25	05/16/25	Glass Jar, 2 oz.
SS03-1'	E505178-06A	Soil	05/14/25	05/16/25	Glass Jar, 2 oz.
SS04-0'	E505178-07A	Soil	05/14/25	05/16/25	Glass Jar, 2 oz.
SS04-1'	E505178-08A	Soil	05/14/25	05/16/25	Glass Jar, 2 oz.
SS05-0'	E505178-09A	Soil	05/14/25	05/16/25	Glass Jar, 2 oz.
SS05-1'	E505178-10A	Soil	05/14/25	05/16/25	Glass Jar, 2 oz.
SS06-0'	E505178-11A	Soil	05/14/25	05/16/25	Glass Jar, 2 oz.
SS06-1'	E505178-12A	Soil	05/14/25	05/16/25	Glass Jar, 2 oz.
SS07-0'	E505178-13A	Soil	05/14/25	05/16/25	Glass Jar, 2 oz.
SS07-1'	E505178-14A	Soil	05/14/25	05/16/25	Glass Jar, 2 oz.
SS08-0'	E505178-15A	Soil	05/14/25	05/16/25	Glass Jar, 2 oz.
SS08-1'	E505178-16A	Soil	05/14/25	05/16/25	Glass Jar, 2 oz.
SS09-0'	E505178-17A	Soil	05/14/25	05/16/25	Glass Jar, 2 oz.
SS09-1'	E505178-18A	Soil	05/14/25	05/16/25	Glass Jar, 2 oz.



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 5/22/2025 1:13:30PM
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**SS01-0'**

**E505178-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>		mg/kg	mg/kg	Analyst: IY		Batch: 2520113
Benzene	ND	0.0250	1	05/16/25	05/20/25	
Ethylbenzene	ND	0.0250	1	05/16/25	05/20/25	
Toluene	ND	0.0250	1	05/16/25	05/20/25	
o-Xylene	ND	0.0250	1	05/16/25	05/20/25	
p,m-Xylene	ND	0.0500	1	05/16/25	05/20/25	
Total Xylenes	ND	0.0250	1	05/16/25	05/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		89.5 %	70-130	05/16/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: IY		Batch: 2520113
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/25	05/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.5 %	70-130	05/16/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: NV		Batch: 2520149
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/25	05/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/25	05/19/25	
<i>Surrogate: n-Nonane</i>		122 %	61-141	05/16/25	05/19/25	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg	Analyst: DT		Batch: 2521003
Chloride	ND	100	5	05/19/25	05/19/25	



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 5/22/2025 1:13:30PM
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SS01-1'

E505178-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2520113
Benzene	ND	0.0250	1	05/16/25	05/20/25	
Ethylbenzene	ND	0.0250	1	05/16/25	05/20/25	
Toluene	ND	0.0250	1	05/16/25	05/20/25	
o-Xylene	ND	0.0250	1	05/16/25	05/20/25	
p,m-Xylene	ND	0.0500	1	05/16/25	05/20/25	
Total Xylenes	ND	0.0250	1	05/16/25	05/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		90.7 %	70-130	05/16/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2520113
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/25	05/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.8 %	70-130	05/16/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2520149
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/25	05/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/25	05/19/25	
<i>Surrogate: n-Nonane</i>		120 %	61-141	05/16/25	05/19/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2521003
Chloride	ND	200	10	05/19/25	05/19/25	



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 5/22/2025 1:13:30PM
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SS02-0'

E505178-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2520113
Benzene	ND	0.0250	1	05/16/25	05/20/25	
Ethylbenzene	ND	0.0250	1	05/16/25	05/20/25	
Toluene	ND	0.0250	1	05/16/25	05/20/25	
o-Xylene	ND	0.0250	1	05/16/25	05/20/25	
p,m-Xylene	ND	0.0500	1	05/16/25	05/20/25	
Total Xylenes	ND	0.0250	1	05/16/25	05/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		92.0 %	70-130	05/16/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2520113
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/25	05/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		96.2 %	70-130	05/16/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2520149
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/25	05/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/25	05/19/25	
<i>Surrogate: n-Nonane</i>						
		119 %	61-141	05/16/25	05/19/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2521003
Chloride	ND	100	5	05/19/25	05/19/25	



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 5/22/2025 1:13:30PM
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SS02-1'

E505178-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2520113
Benzene	ND	0.0250	1	05/16/25	05/20/25	
Ethylbenzene	ND	0.0250	1	05/16/25	05/20/25	
Toluene	ND	0.0250	1	05/16/25	05/20/25	
o-Xylene	ND	0.0250	1	05/16/25	05/20/25	
p,m-Xylene	ND	0.0500	1	05/16/25	05/20/25	
Total Xylenes	ND	0.0250	1	05/16/25	05/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		91.9 %	70-130	05/16/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2520113
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/25	05/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		96.1 %	70-130	05/16/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2520149
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/25	05/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/25	05/19/25	
<i>Surrogate: n-Nonane</i>						
		119 %	61-141	05/16/25	05/19/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2521003
Chloride	ND	20.0	1	05/19/25	05/19/25	



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 5/22/2025 1:13:30PM
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**SS03-0'**

**E505178-05**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2520113
Benzene	ND	0.0250	1	05/16/25	05/20/25	
Ethylbenzene	ND	0.0250	1	05/16/25	05/20/25	
Toluene	ND	0.0250	1	05/16/25	05/20/25	
o-Xylene	ND	0.0250	1	05/16/25	05/20/25	
p,m-Xylene	ND	0.0500	1	05/16/25	05/20/25	
Total Xylenes	ND	0.0250	1	05/16/25	05/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		92.2 %	70-130	05/16/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2520113
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/25	05/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.8 %	70-130	05/16/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2520149
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/25	05/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/25	05/19/25	
<i>Surrogate: n-Nonane</i>						
		118 %	61-141	05/16/25	05/19/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2521003
Chloride	ND	100	5	05/19/25	05/19/25	



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 5/22/2025 1:13:30PM
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**SS03-1'**

**E505178-06**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2520113
Benzene	ND	0.0250	1	05/16/25	05/20/25	
Ethylbenzene	ND	0.0250	1	05/16/25	05/20/25	
Toluene	ND	0.0250	1	05/16/25	05/20/25	
o-Xylene	ND	0.0250	1	05/16/25	05/20/25	
p,m-Xylene	ND	0.0500	1	05/16/25	05/20/25	
Total Xylenes	ND	0.0250	1	05/16/25	05/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		92.7 %	70-130	05/16/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2520113
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/25	05/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		95.0 %	70-130	05/16/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2520149
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/25	05/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/25	05/19/25	
<i>Surrogate: n-Nonane</i>						
		116 %	61-141	05/16/25	05/19/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2521003
Chloride	ND	20.0	1	05/19/25	05/19/25	



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 5/22/2025 1:13:30PM
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**SS04-0'**

**E505178-07**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>		mg/kg	mg/kg	Analyst: IY		Batch: 2520113
Benzene	ND	0.0250	1	05/16/25	05/20/25	
Ethylbenzene	ND	0.0250	1	05/16/25	05/20/25	
Toluene	ND	0.0250	1	05/16/25	05/20/25	
o-Xylene	ND	0.0250	1	05/16/25	05/20/25	
p,m-Xylene	ND	0.0500	1	05/16/25	05/20/25	
Total Xylenes	ND	0.0250	1	05/16/25	05/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.6 %	70-130	05/16/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: IY		Batch: 2520113
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/25	05/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.8 %	70-130	05/16/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: NV		Batch: 2520149
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/25	05/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/25	05/20/25	
<i>Surrogate: n-Nonane</i>		118 %	61-141	05/16/25	05/20/25	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg	Analyst: DT		Batch: 2521003
Chloride	ND	100	5	05/19/25	05/19/25	



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 5/22/2025 1:13:30PM
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**SS04-1'**

**E505178-08**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2520113
Benzene	ND	0.0250	1	05/16/25	05/20/25	
Ethylbenzene	ND	0.0250	1	05/16/25	05/20/25	
Toluene	ND	0.0250	1	05/16/25	05/20/25	
o-Xylene	ND	0.0250	1	05/16/25	05/20/25	
p,m-Xylene	ND	0.0500	1	05/16/25	05/20/25	
Total Xylenes	ND	0.0250	1	05/16/25	05/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.1 %	70-130	05/16/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2520113
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/25	05/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.8 %	70-130	05/16/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2520149
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/25	05/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/25	05/20/25	
<i>Surrogate: n-Nonane</i>		119 %	61-141	05/16/25	05/20/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2521003
Chloride	34.9	20.0	1	05/19/25	05/19/25	



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 5/22/2025 1:13:30PM
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**SS05-0'**

**E505178-09**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2520113
Benzene	ND	0.0250	1	05/16/25	05/20/25	
Ethylbenzene	ND	0.0250	1	05/16/25	05/20/25	
Toluene	ND	0.0250	1	05/16/25	05/20/25	
o-Xylene	ND	0.0250	1	05/16/25	05/20/25	
p,m-Xylene	ND	0.0500	1	05/16/25	05/20/25	
Total Xylenes	ND	0.0250	1	05/16/25	05/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		92.8 %	70-130	05/16/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2520113
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/25	05/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.7 %	70-130	05/16/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2520149
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/25	05/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/25	05/20/25	
<i>Surrogate: n-Nonane</i>						
		118 %	61-141	05/16/25	05/20/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2521003
Chloride	ND	20.0	1	05/19/25	05/19/25	



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 5/22/2025 1:13:30PM
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**SS05-1'**

**E505178-10**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2520113
Benzene	ND	0.0250	1	05/16/25	05/20/25	
Ethylbenzene	ND	0.0250	1	05/16/25	05/20/25	
Toluene	ND	0.0250	1	05/16/25	05/20/25	
o-Xylene	ND	0.0250	1	05/16/25	05/20/25	
p,m-Xylene	ND	0.0500	1	05/16/25	05/20/25	
Total Xylenes	ND	0.0250	1	05/16/25	05/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		92.8 %	70-130	05/16/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2520113
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/25	05/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		95.1 %	70-130	05/16/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2520149
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/25	05/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/25	05/20/25	
<i>Surrogate: n-Nonane</i>						
		133 %	61-141	05/16/25	05/20/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2521003
Chloride	269	100	5	05/19/25	05/19/25	



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 5/22/2025 1:13:30PM
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**SS06-0'**

**E505178-11**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2520113
Benzene	ND	0.0250	1	05/16/25	05/19/25	
Ethylbenzene	ND	0.0250	1	05/16/25	05/19/25	
Toluene	ND	0.0250	1	05/16/25	05/19/25	
o-Xylene	ND	0.0250	1	05/16/25	05/19/25	
p,m-Xylene	ND	0.0500	1	05/16/25	05/19/25	
Total Xylenes	ND	0.0250	1	05/16/25	05/19/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		91.4 %	70-130	05/16/25	05/19/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2520113
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/25	05/19/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		95.8 %	70-130	05/16/25	05/19/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2520149
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/25	05/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/25	05/20/25	
<i>Surrogate: n-Nonane</i>						
		115 %	61-141	05/16/25	05/20/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2521003
Chloride	ND	20.0	1	05/19/25	05/19/25	



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 5/22/2025 1:13:30PM
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SS06-1'

E505178-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2520113
Benzene	ND	0.0250	1	05/16/25	05/20/25	
Ethylbenzene	ND	0.0250	1	05/16/25	05/20/25	
Toluene	ND	0.0250	1	05/16/25	05/20/25	
o-Xylene	ND	0.0250	1	05/16/25	05/20/25	
p,m-Xylene	ND	0.0500	1	05/16/25	05/20/25	
Total Xylenes	ND	0.0250	1	05/16/25	05/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		92.9 %	70-130	05/16/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2520113
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/25	05/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		95.8 %	70-130	05/16/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2520149
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/25	05/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/25	05/20/25	
<i>Surrogate: n-Nonane</i>						
		115 %	61-141	05/16/25	05/20/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2521003
Chloride	ND	20.0	1	05/19/25	05/19/25	



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 5/22/2025 1:13:30PM
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**SS07-0'**

**E505178-13**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2520113
Benzene	ND	0.0250	1	05/16/25	05/20/25	
Ethylbenzene	ND	0.0250	1	05/16/25	05/20/25	
Toluene	ND	0.0250	1	05/16/25	05/20/25	
o-Xylene	ND	0.0250	1	05/16/25	05/20/25	
p,m-Xylene	ND	0.0500	1	05/16/25	05/20/25	
Total Xylenes	ND	0.0250	1	05/16/25	05/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.4 %	70-130	05/16/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2520113
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/25	05/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.9 %	70-130	05/16/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2520149
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/25	05/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/25	05/20/25	
<i>Surrogate: n-Nonane</i>		119 %	61-141	05/16/25	05/20/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2521003
Chloride	ND	20.0	1	05/19/25	05/19/25	



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 5/22/2025 1:13:30PM
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SS07-1'

E505178-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2520113
Benzene	ND	0.0250	1	05/16/25	05/20/25	
Ethylbenzene	ND	0.0250	1	05/16/25	05/20/25	
Toluene	ND	0.0250	1	05/16/25	05/20/25	
o-Xylene	ND	0.0250	1	05/16/25	05/20/25	
p,m-Xylene	ND	0.0500	1	05/16/25	05/20/25	
Total Xylenes	ND	0.0250	1	05/16/25	05/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		91.0 %	70-130	05/16/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2520113
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/25	05/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.9 %	70-130	05/16/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2520149
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/25	05/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/25	05/20/25	
<i>Surrogate: n-Nonane</i>						
		115 %	61-141	05/16/25	05/20/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2521003
Chloride	22.4	20.0	1	05/19/25	05/19/25	



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 5/22/2025 1:13:30PM
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**SS08-0'**

**E505178-15**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2520113
Benzene	ND	0.0250	1	05/16/25	05/20/25	
Ethylbenzene	ND	0.0250	1	05/16/25	05/20/25	
Toluene	ND	0.0250	1	05/16/25	05/20/25	
o-Xylene	ND	0.0250	1	05/16/25	05/20/25	
p,m-Xylene	ND	0.0500	1	05/16/25	05/20/25	
Total Xylenes	ND	0.0250	1	05/16/25	05/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		92.8 %	70-130	05/16/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2520113
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/25	05/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		96.3 %	70-130	05/16/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2520149
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/25	05/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/25	05/20/25	
<i>Surrogate: n-Nonane</i>						
		114 %	61-141	05/16/25	05/20/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2521003
Chloride	ND	20.0	1	05/19/25	05/19/25	



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 5/22/2025 1:13:30PM
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**SS08-1'**

**E505178-16**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>		mg/kg	mg/kg	Analyst: IY		Batch: 2520113
Benzene	ND	0.0250	1	05/16/25	05/20/25	
Ethylbenzene	ND	0.0250	1	05/16/25	05/20/25	
Toluene	ND	0.0250	1	05/16/25	05/20/25	
o-Xylene	ND	0.0250	1	05/16/25	05/20/25	
p,m-Xylene	ND	0.0500	1	05/16/25	05/20/25	
Total Xylenes	ND	0.0250	1	05/16/25	05/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		90.6 %	70-130	05/16/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: IY		Batch: 2520113
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/25	05/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.2 %	70-130	05/16/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: NV		Batch: 2520149
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/25	05/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/25	05/20/25	
<i>Surrogate: n-Nonane</i>		119 %	61-141	05/16/25	05/20/25	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg	Analyst: DT		Batch: 2521003
Chloride	ND	20.0	1	05/19/25	05/19/25	



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 5/22/2025 1:13:30PM
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**SS09-0'**

**E505178-17**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2520113
Benzene	ND	0.0250	1	05/16/25	05/20/25	
Ethylbenzene	ND	0.0250	1	05/16/25	05/20/25	
Toluene	ND	0.0250	1	05/16/25	05/20/25	
o-Xylene	ND	0.0250	1	05/16/25	05/20/25	
p,m-Xylene	ND	0.0500	1	05/16/25	05/20/25	
Total Xylenes	ND	0.0250	1	05/16/25	05/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		90.0 %	70-130	05/16/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2520113
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/25	05/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.3 %	70-130	05/16/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2520149
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/25	05/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/25	05/20/25	
<i>Surrogate: n-Nonane</i>		120 %	61-141	05/16/25	05/20/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2521003
Chloride	212	200	10	05/19/25	05/19/25	



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 5/22/2025 1:13:30PM
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**SS09-1'**

**E505178-18**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2520113
Benzene	ND	0.0250	1	05/16/25	05/20/25	
Ethylbenzene	ND	0.0250	1	05/16/25	05/20/25	
Toluene	ND	0.0250	1	05/16/25	05/20/25	
o-Xylene	ND	0.0250	1	05/16/25	05/20/25	
p,m-Xylene	ND	0.0500	1	05/16/25	05/20/25	
Total Xylenes	ND	0.0250	1	05/16/25	05/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		88.6 %	70-130	05/16/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2520113
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/25	05/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.3 %	70-130	05/16/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2520149
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/25	05/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/25	05/20/25	
<i>Surrogate: n-Nonane</i>						
		129 %	61-141	05/16/25	05/20/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2521003
Chloride	ND	200	10	05/19/25	05/19/25	



### QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 5/22/2025 1:13:30PM
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#### Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2520113-BLK1)**

Prepared: 05/16/25 Analyzed: 05/19/25

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	7.01		8.00		87.6	70-130			

**LCS (2520113-BS1)**

Prepared: 05/16/25 Analyzed: 05/19/25

Benzene	4.86	0.0250	5.00		97.1	70-130			
Ethylbenzene	4.83	0.0250	5.00		96.5	70-130			
Toluene	4.85	0.0250	5.00		97.1	70-130			
o-Xylene	4.81	0.0250	5.00		96.2	70-130			
p,m-Xylene	9.78	0.0500	10.0		97.8	70-130			
Total Xylenes	14.6	0.0250	15.0		97.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.24		8.00		90.5	70-130			

**Matrix Spike (2520113-MS1)**

Source: E505178-11

Prepared: 05/16/25 Analyzed: 05/19/25

Benzene	5.00	0.0250	5.00	ND	99.9	70-130			
Ethylbenzene	4.93	0.0250	5.00	ND	98.6	70-130			
Toluene	4.98	0.0250	5.00	ND	99.6	70-130			
o-Xylene	4.90	0.0250	5.00	ND	97.9	70-130			
p,m-Xylene	9.98	0.0500	10.0	ND	99.8	70-130			
Total Xylenes	14.9	0.0250	15.0	ND	99.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.28		8.00		91.0	70-130			

**Matrix Spike Dup (2520113-MSD1)**

Source: E505178-11

Prepared: 05/16/25 Analyzed: 05/19/25

Benzene	5.33	0.0250	5.00	ND	107	70-130	6.42	27	
Ethylbenzene	5.30	0.0250	5.00	ND	106	70-130	7.14	26	
Toluene	5.33	0.0250	5.00	ND	107	70-130	6.69	20	
o-Xylene	5.26	0.0250	5.00	ND	105	70-130	7.13	25	
p,m-Xylene	10.7	0.0500	10.0	ND	107	70-130	7.17	23	
Total Xylenes	16.0	0.0250	15.0	ND	107	70-130	7.16	26	
Surrogate: 4-Bromochlorobenzene-PID	7.33		8.00		91.6	70-130			



### QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 5/22/2025 1:13:30PM
---	--	---

#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

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

**Blank (2520113-BLK1)**

Prepared: 05/16/25 Analyzed: 05/19/25

Gasoline Range Organics (C6-C10)	ND	20.0						
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.71		8.00		96.4	70-130		

**LCS (2520113-BS2)**

Prepared: 05/16/25 Analyzed: 05/19/25

Gasoline Range Organics (C6-C10)	43.0	20.0	50.0		86.1	70-130		
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.78		8.00		97.2	70-130		

**Matrix Spike (2520113-MS2)**

Source: E505178-11

Prepared: 05/16/25 Analyzed: 05/20/25

Gasoline Range Organics (C6-C10)	45.3	20.0	50.0	ND	90.7	70-130		
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.63		8.00		95.3	70-130		

**Matrix Spike Dup (2520113-MSD2)**

Source: E505178-11

Prepared: 05/16/25 Analyzed: 05/19/25

Gasoline Range Organics (C6-C10)	47.6	20.0	50.0	ND	95.3	70-130	4.96	20
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.76		8.00		97.0	70-130		



### QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 5/22/2025 1:13:30PM
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#### 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 (2520149-BLK1)**

Prepared: 05/16/25 Analyzed: 05/19/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	57.2		50.0		114	61-141			

**LCS (2520149-BS1)**

Prepared: 05/16/25 Analyzed: 05/19/25

Diesel Range Organics (C10-C28)	337	25.0	250		135	66-144			
Surrogate: <i>n</i> -Nonane	63.5		50.0		127	61-141			

**Matrix Spike (2520149-MS1)**

Source: E505178-11

Prepared: 05/16/25 Analyzed: 05/19/25

Diesel Range Organics (C10-C28)	317	25.0	250	ND	127	56-156			
Surrogate: <i>n</i> -Nonane	58.5		50.0		117	61-141			

**Matrix Spike Dup (2520149-MSD1)**

Source: E505178-11

Prepared: 05/16/25 Analyzed: 05/19/25

Diesel Range Organics (C10-C28)	351	25.0	250	ND	140	56-156	10.3	20	
Surrogate: <i>n</i> -Nonane	66.9		50.0		134	61-141			



### QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 5/22/2025 1:13:30PM
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#### 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 (2521003-BLK1)**

Prepared: 05/19/25 Analyzed: 05/19/25

Chloride ND 20.0

**LCS (2521003-BS1)**

Prepared: 05/19/25 Analyzed: 05/19/25

Chloride 256 20.0 250 102 90-110

**Matrix Spike (2521003-MS1)**

Source: E505178-03

Prepared: 05/19/25 Analyzed: 05/19/25

Chloride 252 100 250 ND 101 80-120

**Matrix Spike Dup (2521003-MSD1)**

Source: E505178-03

Prepared: 05/19/25 Analyzed: 05/19/25

Chloride 255 100 250 ND 102 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:	Parkway Gathering Leak	
6488 7 Rivers Hwy	Project Number:	01058-0007	<b>Reported:</b>
Artesia NM, 88210	Project Manager:	Ashley Giovengo	05/22/25 13:13

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Released to Imaging: 3/11/2026 2:37:52 PM

Received by OCD: 3/4/2026 8:34:40 AM

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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>Parkway Battery Leach</u>				Address: 5315 Buena Vista Dr				E505178		010580001					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@dvn.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	
0951	5/15/25	Soil	1	SS01-0'			1								+					
1258				01-1'			2								+					
0954				02-0'			3								+					
1302				02-1'			4								+					
0957				03-0'			5								+					
1304				03-1'			6								+					
1353				04-0'			7								+					
1359				04-1'			8								+					
1002				05-0'			9								+					
1310				05-1'			10								+					
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dvn.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jhinkle@ensolum.com, akone@ensolum.com, jgonzales@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.				
<u>Jenna Hinkle</u>				5-15-25		1600		<u>Michelle Gonzales</u>				5-15-25		0711						
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time						
<u>Michelle Gonzales</u>				5-15-25		1600		<u>John M.</u>				5-15-25		1600						
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time		Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N				
<u>John M.</u>				5-15-25		2215		<u>Paith Man</u>				5-16-25		830						
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.																				

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<b>Client Information</b>				<b>Invoice Information</b>				<b>Lab Use Only</b>				<b>TAT</b>				<b>State</b>					
Client: Devon				Company: Devon Energy				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX		
Project: <u>Parkway Fencing Leach</u>				Address: 5315 Buena Vista Dr				<u>E505178</u>		<u>01058-0007</u>					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@dvn.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/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TEEQ 1005-TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA		
1004	5/14/2025	Soil	1	06-0'		11								X						
1313				06-1'		12								X						
1006				07-0'		13								X						
1316				07-1'		14								X						
1007				08-0'		15								X						
1314				08-1'		16								X						
1010				09-0'		17								X						
1322				09-1'		18								X						

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

Relinquished by: (Signature) <u>Jenna Hinkle</u>	Date	Time	Received by: (Signature) <u>Michelle Gonzales</u>	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.
Relinquished by: (Signature) <u>Michelle Gonzales</u>	5-15-25	1600	Received by: (Signature) <u>John J.</u>	5-15-25	1600	
Relinquished by: (Signature) <u>John J.</u>	5-15-25	2215	Received by: (Signature) <u>Cathy Mar</u>	5-16-25	830	
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: 5/16/2025 1:37:04PM

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: 05/16/25 08:30 Work Order ID: E505178
Phone: (505) 382-1211 Date Logged In: 05/15/25 14:56 Logged In By: Caitlin Mars
Email: agiovengo@ensolum.com Due Date: 05/22/25 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

Carrier: Courier

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Empty box for client instruction.

Comments/Resolution

Large empty box for comments/resolution.

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: Parkway Gathering Leak

Work Order: E505201

Job Number: 01058-0007

Received: 5/19/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
5/23/25

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: 5/23/25

Ashley Giovengo  
6488 7 Rivers Hwy  
Artesia, NM 88210

Project Name: Parkway Gathering Leak  
Workorder: E505201  
Date Received: 5/19/2025 7:30:17AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/19/2025 7:30:17AM, under the Project Name: Parkway Gathering Leak.

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

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
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Client Representative  
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[mgonzales@envirotech-inc.com](mailto:mgonzales@envirotech-inc.com)

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

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## Sample Summary

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

Project Name: Parkway Gathering Leak  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
05/23/25 07:44

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH01-0'	E505201-01A	Soil	05/15/25	05/19/25	Glass Jar, 2 oz.
BH01-2'	E505201-02A	Soil	05/15/25	05/19/25	Glass Jar, 2 oz.
BH01-4'	E505201-03A	Soil	05/15/25	05/19/25	Glass Jar, 2 oz.
BH01-6'	E505201-04A	Soil	05/15/25	05/19/25	Glass Jar, 2 oz.
BH01-8'	E505201-05A	Soil	05/15/25	05/19/25	Glass Jar, 2 oz.
BH02-0'	E505201-06A	Soil	05/15/25	05/19/25	Glass Jar, 2 oz.
BH02-2'	E505201-07A	Soil	05/15/25	05/19/25	Glass Jar, 2 oz.
BH02-4'	E505201-08A	Soil	05/15/25	05/19/25	Glass Jar, 2 oz.
BH02-6'	E505201-09A	Soil	05/15/25	05/19/25	Glass Jar, 2 oz.
BH02-8'	E505201-10A	Soil	05/15/25	05/19/25	Glass Jar, 2 oz.
BH03-0'	E505201-11A	Soil	05/15/25	05/19/25	Glass Jar, 2 oz.
BH03-2'	E505201-12A	Soil	05/15/25	05/19/25	Glass Jar, 2 oz.
BH03-4'	E505201-13A	Soil	05/15/25	05/19/25	Glass Jar, 2 oz.
BH04-0'	E505201-14A	Soil	05/15/25	05/19/25	Glass Jar, 2 oz.
BH04-1'	E505201-15A	Soil	05/15/25	05/19/25	Glass Jar, 2 oz.
BH05-0'	E505201-16A	Soil	05/15/25	05/19/25	Glass Jar, 2 oz.
BH05-2'	E505201-17A	Soil	05/15/25	05/19/25	Glass Jar, 2 oz.



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 5/23/2025 7:44:33AM
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**BH01-0'**  
**E505201-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>		mg/kg	mg/kg	Analyst: IY		Batch: 2521007
Benzene	ND	0.0250	1	05/19/25	05/20/25	
Ethylbenzene	ND	0.0250	1	05/19/25	05/20/25	
Toluene	ND	0.0250	1	05/19/25	05/20/25	
o-Xylene	ND	0.0250	1	05/19/25	05/20/25	
p,m-Xylene	ND	0.0500	1	05/19/25	05/20/25	
Total Xylenes	ND	0.0250	1	05/19/25	05/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.5 %	70-130	05/19/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: IY		Batch: 2521007
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/25	05/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		105 %	70-130	05/19/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: KH		Batch: 2521035
Diesel Range Organics (C10-C28)	ND	25.0	1	05/20/25	05/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/20/25	05/21/25	
<i>Surrogate: n-Nonane</i>		103 %	61-141	05/20/25	05/21/25	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg	Analyst: JM		Batch: 2521029
Chloride	3520	100	5	05/19/25	05/20/25	



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 5/23/2025 7:44:33AM
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**BH01-2'**  
**E505201-02**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2521007
Benzene	ND	0.0250	1	05/19/25	05/20/25	
Ethylbenzene	ND	0.0250	1	05/19/25	05/20/25	
Toluene	ND	0.0250	1	05/19/25	05/20/25	
o-Xylene	ND	0.0250	1	05/19/25	05/20/25	
p,m-Xylene	ND	0.0500	1	05/19/25	05/20/25	
Total Xylenes	ND	0.0250	1	05/19/25	05/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.8 %	70-130	05/19/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2521007
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/25	05/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		106 %	70-130	05/19/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2521035
Diesel Range Organics (C10-C28)	ND	25.0	1	05/20/25	05/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/20/25	05/21/25	
<i>Surrogate: n-Nonane</i>		105 %	61-141	05/20/25	05/21/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: JM		Batch: 2521029
Chloride	16000	200	10	05/19/25	05/20/25	



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 5/23/2025 7:44:33AM
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**BH01-4'**  
**E505201-03**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2521007
Benzene	ND	0.0250	1	05/19/25	05/20/25	
Ethylbenzene	ND	0.0250	1	05/19/25	05/20/25	
Toluene	ND	0.0250	1	05/19/25	05/20/25	
o-Xylene	ND	0.0250	1	05/19/25	05/20/25	
p,m-Xylene	ND	0.0500	1	05/19/25	05/20/25	
Total Xylenes	ND	0.0250	1	05/19/25	05/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		96.9 %	70-130	05/19/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2521007
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/25	05/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		108 %	70-130	05/19/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2521035
Diesel Range Organics (C10-C28)	ND	25.0	1	05/20/25	05/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/20/25	05/21/25	
<i>Surrogate: n-Nonane</i>						
		105 %	61-141	05/20/25	05/21/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2521029
Chloride	14100	200	10	05/19/25	05/20/25	



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 5/23/2025 7:44:33AM
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**BH01-6'**  
**E505201-04**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>		mg/kg	mg/kg	Analyst: IY		Batch: 2521007
Benzene	ND	0.0250	1	05/19/25	05/20/25	
Ethylbenzene	ND	0.0250	1	05/19/25	05/20/25	
Toluene	ND	0.0250	1	05/19/25	05/20/25	
o-Xylene	ND	0.0250	1	05/19/25	05/20/25	
p,m-Xylene	ND	0.0500	1	05/19/25	05/20/25	
Total Xylenes	ND	0.0250	1	05/19/25	05/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	05/19/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: IY		Batch: 2521007
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/25	05/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		103 %	70-130	05/19/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: KH		Batch: 2521035
Diesel Range Organics (C10-C28)	ND	25.0	1	05/20/25	05/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/20/25	05/21/25	
<i>Surrogate: n-Nonane</i>		102 %	61-141	05/20/25	05/21/25	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg	Analyst: JM		Batch: 2521029
Chloride	11100	200	10	05/19/25	05/20/25	



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 5/23/2025 7:44:33AM
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**BH01-8'**  
**E505201-05**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2521007
Benzene	ND	0.0250	1	05/19/25	05/20/25	
Ethylbenzene	ND	0.0250	1	05/19/25	05/20/25	
Toluene	ND	0.0250	1	05/19/25	05/20/25	
o-Xylene	ND	0.0250	1	05/19/25	05/20/25	
p,m-Xylene	ND	0.0500	1	05/19/25	05/20/25	
Total Xylenes	ND	0.0250	1	05/19/25	05/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		99.4 %	70-130	05/19/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2521007
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/25	05/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		105 %	70-130	05/19/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2521035
Diesel Range Organics (C10-C28)	ND	25.0	1	05/20/25	05/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/20/25	05/21/25	
<i>Surrogate: n-Nonane</i>						
		109 %	61-141	05/20/25	05/21/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2521029
Chloride	11200	200	10	05/19/25	05/20/25	



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 5/23/2025 7:44:33AM
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**BH02-0'**  
**E505201-06**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2521007
Benzene	ND	0.0250	1	05/19/25	05/20/25	
Ethylbenzene	ND	0.0250	1	05/19/25	05/20/25	
Toluene	ND	0.0250	1	05/19/25	05/20/25	
o-Xylene	ND	0.0250	1	05/19/25	05/20/25	
p,m-Xylene	ND	0.0500	1	05/19/25	05/20/25	
Total Xylenes	ND	0.0250	1	05/19/25	05/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	05/19/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2521007
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/25	05/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		103 %	70-130	05/19/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2521035
Diesel Range Organics (C10-C28)	ND	25.0	1	05/20/25	05/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/20/25	05/21/25	
<i>Surrogate: n-Nonane</i>						
		109 %	61-141	05/20/25	05/21/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2521029
Chloride	3640	100	5	05/19/25	05/20/25	



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 5/23/2025 7:44:33AM
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**BH02-2'**  
**E505201-07**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2521007
Benzene	ND	0.0250	1	05/19/25	05/20/25	
Ethylbenzene	ND	0.0250	1	05/19/25	05/20/25	
Toluene	ND	0.0250	1	05/19/25	05/20/25	
o-Xylene	ND	0.0250	1	05/19/25	05/20/25	
p,m-Xylene	ND	0.0500	1	05/19/25	05/20/25	
Total Xylenes	ND	0.0250	1	05/19/25	05/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.5 %	70-130	05/19/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2521007
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/25	05/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		107 %	70-130	05/19/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2521035
Diesel Range Organics (C10-C28)	ND	25.0	1	05/20/25	05/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/20/25	05/21/25	
<i>Surrogate: n-Nonane</i>		108 %	61-141	05/20/25	05/21/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: JM		Batch: 2521029
Chloride	14000	200	10	05/19/25	05/20/25	



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 5/23/2025 7:44:33AM
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**BH02-4'**  
**E505201-08**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2521007
Benzene	ND	0.0250	1	05/19/25	05/20/25	
Ethylbenzene	ND	0.0250	1	05/19/25	05/20/25	
Toluene	ND	0.0250	1	05/19/25	05/20/25	
o-Xylene	ND	0.0250	1	05/19/25	05/20/25	
p,m-Xylene	ND	0.0500	1	05/19/25	05/20/25	
Total Xylenes	ND	0.0250	1	05/19/25	05/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	05/19/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2521007
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/25	05/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		106 %	70-130	05/19/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2521035
Diesel Range Organics (C10-C28)	ND	25.0	1	05/20/25	05/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/20/25	05/21/25	
<i>Surrogate: n-Nonane</i>						
		110 %	61-141	05/20/25	05/21/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2521029
Chloride	11500	100	5	05/19/25	05/20/25	



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 5/23/2025 7:44:33AM
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**BH02-6'**  
**E505201-09**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2521007
Benzene	ND	0.0250	1	05/19/25	05/20/25	
Ethylbenzene	ND	0.0250	1	05/19/25	05/20/25	
Toluene	ND	0.0250	1	05/19/25	05/20/25	
o-Xylene	ND	0.0250	1	05/19/25	05/20/25	
p,m-Xylene	ND	0.0500	1	05/19/25	05/20/25	
Total Xylenes	ND	0.0250	1	05/19/25	05/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	05/19/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2521007
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/25	05/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		107 %	70-130	05/19/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2521035
Diesel Range Organics (C10-C28)	ND	25.0	1	05/20/25	05/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/20/25	05/21/25	
<i>Surrogate: n-Nonane</i>						
		112 %	61-141	05/20/25	05/21/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2521029
Chloride	11500	200	10	05/19/25	05/20/25	



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 5/23/2025 7:44:33AM
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**BH02-8'**  
**E505201-10**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2521007
Benzene	ND	0.0250	1	05/19/25	05/20/25	
Ethylbenzene	ND	0.0250	1	05/19/25	05/20/25	
Toluene	ND	0.0250	1	05/19/25	05/20/25	
o-Xylene	ND	0.0250	1	05/19/25	05/20/25	
p,m-Xylene	ND	0.0500	1	05/19/25	05/20/25	
Total Xylenes	ND	0.0250	1	05/19/25	05/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		98.3 %	70-130	05/19/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2521007
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/25	05/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		109 %	70-130	05/19/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2521035
Diesel Range Organics (C10-C28)	ND	25.0	1	05/20/25	05/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/20/25	05/21/25	
<i>Surrogate: n-Nonane</i>						
		105 %	61-141	05/20/25	05/21/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2521029
Chloride	12000	200	10	05/19/25	05/20/25	



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 5/23/2025 7:44:33AM
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**BH03-0'**

**E505201-11**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2521007
Benzene	ND	0.0250	1	05/19/25	05/20/25	
Ethylbenzene	ND	0.0250	1	05/19/25	05/20/25	
Toluene	ND	0.0250	1	05/19/25	05/20/25	
o-Xylene	ND	0.0250	1	05/19/25	05/20/25	
p,m-Xylene	ND	0.0500	1	05/19/25	05/20/25	
Total Xylenes	ND	0.0250	1	05/19/25	05/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.1 %	70-130	05/19/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2521007
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/25	05/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		108 %	70-130	05/19/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2521035
Diesel Range Organics (C10-C28)	ND	25.0	1	05/20/25	05/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/20/25	05/21/25	
<i>Surrogate: n-Nonane</i>		109 %	61-141	05/20/25	05/21/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: JM		Batch: 2521029
Chloride	296	40.0	2	05/19/25	05/20/25	



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 5/23/2025 7:44:33AM
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**BH03-2'**

**E505201-12**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2521007
Benzene	ND	0.0250	1	05/19/25	05/20/25	
Ethylbenzene	ND	0.0250	1	05/19/25	05/20/25	
Toluene	ND	0.0250	1	05/19/25	05/20/25	
o-Xylene	ND	0.0250	1	05/19/25	05/20/25	
p,m-Xylene	ND	0.0500	1	05/19/25	05/20/25	
Total Xylenes	ND	0.0250	1	05/19/25	05/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	05/19/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2521007
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/25	05/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		110 %	70-130	05/19/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2521035
Diesel Range Organics (C10-C28)	ND	25.0	1	05/20/25	05/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/20/25	05/21/25	
<i>Surrogate: n-Nonane</i>						
		106 %	61-141	05/20/25	05/21/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2521029
Chloride	<b>6010</b>	40.0	2	05/19/25	05/20/25	



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 5/23/2025 7:44:33AM
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**BH03-4'**  
**E505201-13**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2521007
Benzene	ND	0.0250	1	05/19/25	05/20/25	
Ethylbenzene	ND	0.0250	1	05/19/25	05/20/25	
Toluene	ND	0.0250	1	05/19/25	05/20/25	
o-Xylene	ND	0.0250	1	05/19/25	05/20/25	
p,m-Xylene	ND	0.0500	1	05/19/25	05/20/25	
Total Xylenes	ND	0.0250	1	05/19/25	05/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		98.6 %	70-130	05/19/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2521007
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/25	05/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		105 %	70-130	05/19/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2521035
Diesel Range Organics (C10-C28)	ND	25.0	1	05/20/25	05/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/20/25	05/21/25	
<i>Surrogate: n-Nonane</i>						
		105 %	61-141	05/20/25	05/21/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2521029
Chloride	10400	200	10	05/19/25	05/20/25	



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 5/23/2025 7:44:33AM
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**BH04-0'**

**E505201-14**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2521007
Benzene	ND	0.0250	1	05/19/25	05/20/25	
Ethylbenzene	ND	0.0250	1	05/19/25	05/20/25	
Toluene	ND	0.0250	1	05/19/25	05/20/25	
o-Xylene	ND	0.0250	1	05/19/25	05/20/25	
p,m-Xylene	ND	0.0500	1	05/19/25	05/20/25	
Total Xylenes	ND	0.0250	1	05/19/25	05/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	05/19/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2521007
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/25	05/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		108 %	70-130	05/19/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2521035
Diesel Range Organics (C10-C28)	ND	25.0	1	05/20/25	05/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/20/25	05/21/25	
<i>Surrogate: n-Nonane</i>						
		106 %	61-141	05/20/25	05/21/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2521029
Chloride	ND	40.0	2	05/19/25	05/20/25	



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 5/23/2025 7:44:33AM
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**BH04-1'**  
**E505201-15**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2521007
Benzene	ND	0.0250	1	05/19/25	05/20/25	
Ethylbenzene	ND	0.0250	1	05/19/25	05/20/25	
Toluene	ND	0.0250	1	05/19/25	05/20/25	
o-Xylene	ND	0.0250	1	05/19/25	05/20/25	
p,m-Xylene	ND	0.0500	1	05/19/25	05/20/25	
Total Xylenes	ND	0.0250	1	05/19/25	05/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		99.8 %	70-130	05/19/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2521007
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/25	05/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		109 %	70-130	05/19/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2521035
Diesel Range Organics (C10-C28)	ND	25.0	1	05/20/25	05/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/20/25	05/21/25	
<i>Surrogate: n-Nonane</i>						
		110 %	61-141	05/20/25	05/21/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2521029
Chloride	105	40.0	2	05/19/25	05/20/25	



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 5/23/2025 7:44:33AM
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**BH05-0'**  
**E505201-16**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2521007
Benzene	ND	0.0250	1	05/19/25	05/20/25	
Ethylbenzene	ND	0.0250	1	05/19/25	05/20/25	
Toluene	ND	0.0250	1	05/19/25	05/20/25	
o-Xylene	ND	0.0250	1	05/19/25	05/20/25	
p,m-Xylene	ND	0.0500	1	05/19/25	05/20/25	
Total Xylenes	ND	0.0250	1	05/19/25	05/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		99.9 %	70-130	05/19/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2521007
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/25	05/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		108 %	70-130	05/19/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2521035
Diesel Range Organics (C10-C28)	ND	25.0	1	05/20/25	05/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/20/25	05/21/25	
<i>Surrogate: n-Nonane</i>						
		107 %	61-141	05/20/25	05/21/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2521029
Chloride	ND	20.0	1	05/19/25	05/20/25	



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 5/23/2025 7:44:33AM
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**BH05-2'**  
**E505201-17**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2521007
Benzene	ND	0.0250	1	05/19/25	05/20/25	
Ethylbenzene	ND	0.0250	1	05/19/25	05/20/25	
Toluene	ND	0.0250	1	05/19/25	05/20/25	
o-Xylene	ND	0.0250	1	05/19/25	05/20/25	
p,m-Xylene	ND	0.0500	1	05/19/25	05/20/25	
Total Xylenes	ND	0.0250	1	05/19/25	05/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	05/19/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2521007
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/25	05/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		107 %	70-130	05/19/25	05/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2521035
Diesel Range Organics (C10-C28)	ND	25.0	1	05/20/25	05/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/20/25	05/21/25	
<i>Surrogate: n-Nonane</i>						
		107 %	61-141	05/20/25	05/21/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2521029
Chloride	41.5	20.0	1	05/19/25	05/20/25	



### QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 5/23/2025 7:44:33AM
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#### Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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#### Blank (2521007-BLK1)

Prepared: 05/19/25 Analyzed: 05/20/25

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	7.86		8.00		98.2	70-130			

#### LCS (2521007-BS1)

Prepared: 05/19/25 Analyzed: 05/20/25

Benzene	6.12	0.0250	5.00		122	70-130			
Ethylbenzene	6.08	0.0250	5.00		122	70-130			
Toluene	6.09	0.0250	5.00		122	70-130			
o-Xylene	6.01	0.0250	5.00		120	70-130			
p,m-Xylene	12.3	0.0500	10.0		123	70-130			
Total Xylenes	18.3	0.0250	15.0		122	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.73		8.00		96.6	70-130			

#### Matrix Spike (2521007-MS1)

Source: E505201-01

Prepared: 05/19/25 Analyzed: 05/20/25

Benzene	5.96	0.0250	5.00	ND	119	70-130			
Ethylbenzene	5.91	0.0250	5.00	ND	118	70-130			
Toluene	5.92	0.0250	5.00	ND	118	70-130			
o-Xylene	5.84	0.0250	5.00	ND	117	70-130			
p,m-Xylene	11.9	0.0500	10.0	ND	119	70-130			
Total Xylenes	17.8	0.0250	15.0	ND	119	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.83		8.00		97.8	70-130			

#### Matrix Spike Dup (2521007-MSD1)

Source: E505201-01

Prepared: 05/19/25 Analyzed: 05/20/25

Benzene	5.93	0.0250	5.00	ND	119	70-130	0.634	27	
Ethylbenzene	5.88	0.0250	5.00	ND	118	70-130	0.393	26	
Toluene	5.89	0.0250	5.00	ND	118	70-130	0.508	20	
o-Xylene	5.82	0.0250	5.00	ND	116	70-130	0.406	25	
p,m-Xylene	11.9	0.0500	10.0	ND	119	70-130	0.333	23	
Total Xylenes	17.7	0.0250	15.0	ND	118	70-130	0.357	26	
Surrogate: 4-Bromochlorobenzene-PID	7.96		8.00		99.5	70-130			



### QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 5/23/2025 7:44:33AM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2521007-BLK1)**

Prepared: 05/19/25 Analyzed: 05/20/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.49		8.00		106	70-130			

**LCS (2521007-BS2)**

Prepared: 05/19/25 Analyzed: 05/20/25

Gasoline Range Organics (C6-C10)	52.4	20.0	50.0		105	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.43		8.00		105	70-130			

**Matrix Spike (2521007-MS2)**

Source: E505201-01

Prepared: 05/19/25 Analyzed: 05/20/25

Gasoline Range Organics (C6-C10)	54.8	20.0	50.0	ND	110	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.76		8.00		110	70-130			

**Matrix Spike Dup (2521007-MSD2)**

Source: E505201-01

Prepared: 05/19/25 Analyzed: 05/20/25

Gasoline Range Organics (C6-C10)	51.6	20.0	50.0	ND	103	70-130	5.97	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.44		8.00		106	70-130			



### QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 5/23/2025 7:44:33AM
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#### 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 (2521035-BLK1)**

Prepared: 05/20/25 Analyzed: 05/21/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	51.7		50.0		103	61-141			

**LCS (2521035-BS1)**

Prepared: 05/20/25 Analyzed: 05/21/25

Diesel Range Organics (C10-C28)	274	25.0	250		110	66-144			
Surrogate: <i>n</i> -Nonane	51.3		50.0		103	61-141			

**Matrix Spike (2521035-MS1)**

Source: E505201-02

Prepared: 05/20/25 Analyzed: 05/21/25

Diesel Range Organics (C10-C28)	281	25.0	250	ND	113	56-156			
Surrogate: <i>n</i> -Nonane	52.0		50.0		104	61-141			

**Matrix Spike Dup (2521035-MSD1)**

Source: E505201-02

Prepared: 05/20/25 Analyzed: 05/21/25

Diesel Range Organics (C10-C28)	298	25.0	250	ND	119	56-156	5.75	20	
Surrogate: <i>n</i> -Nonane	56.0		50.0		112	61-141			



### QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 5/23/2025 7:44:33AM
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#### Anions by EPA 300.0/9056A

Analyst: JM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2521029-BLK1)**

Prepared: 05/19/25 Analyzed: 05/20/25

Chloride	ND	20.0							
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**LCS (2521029-BS1)**

Prepared: 05/19/25 Analyzed: 05/20/25

Chloride	252	20.0	250		101	90-110			
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**Matrix Spike (2521029-MS1)**

Source: E505201-01

Prepared: 05/19/25 Analyzed: 05/20/25

Chloride	2630	100	250	3520	NR	80-120			M4
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**Matrix Spike Dup (2521029-MSD1)**

Source: E505201-01

Prepared: 05/19/25 Analyzed: 05/20/25

Chloride	2560	100	250	3520	NR	80-120	2.77	20	M4
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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:	Parkway Gathering Leak	
6488 7 Rivers Hwy	Project Number:	01058-0007	<b>Reported:</b>
Artesia NM, 88210	Project Manager:	Ashley Giovengo	05/23/25 07:44

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#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX																																																										
Project: Parkway Gathering Leach				Address: 5315 Buena Vista Dr				E605201		D1058-0007					x	x																																																													
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220				<table border="1"> <thead> <tr> <th colspan="8">Analysis and Method</th> <th colspan="4">EPA Program</th> </tr> <tr> <td rowspan="2">DRO/DRO by 8015</td> <td rowspan="2">GRO/DRO by 8015</td> <td rowspan="2">BTEX by 8021</td> <td rowspan="2">VOC by 8260</td> <td rowspan="2">Chloride 300.0</td> <td rowspan="2">TCOQ 1005-TX</td> <td rowspan="2">RCRA 8 Metals</td> <td rowspan="2">BGDOc - NM</td> <td rowspan="2">BGDOc - TX</td> <td>SDWA</td> <td>CWA</td> <td colspan="2">RCRA</td> </tr> <tr> <td>Compliance</td> <td>Y</td> <td>or</td> <td>N</td> </tr> <tr> <td colspan="12">PWSID #</td> <td>Sample Temp</td> <td>Remarks</td> </tr> </thead> <tbody> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </tbody> </table>								Analysis and Method								EPA Program				DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCOQ 1005-TX	RCRA 8 Metals	BGDOc - NM	BGDOc - TX	SDWA	CWA	RCRA		Compliance	Y	or	N	PWSID #												Sample Temp	Remarks																			
Analysis and Method																EPA Program																																																													
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City, State, Zip: Carlsbad NM, 88220				Email: jim.raley@dvn.com																																																																									
Phone: 575-988-0055				Miscellaneous: Jim Raley																																																																									
Email: agiovengo@ensolum.com																																																																													
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1043	5/5/25	Soil	1	BH01-0'		1										3.1																																																													
1052				01-2'		2										3.4																																																													
1117				01-4'		3										3.2																																																													
1434				01-6'		4										2.8																																																													
1606				01-8'		5										3.0																																																													
1128				BH02-0'		6										3.4																																																													
1136				02-2'		7										3.6																																																													
1201				02-4'		8										3.4																																																													
1622				02-6'		9										3.0																																																													
1635				02-8'		10										3.1																																																													
<b>Additional Instructions:</b> Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dvn.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jhinkle@ensolum.com, akone@ensolum.com, jgonzales@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.  <b>Lab Use Only</b> Received on ice: <input checked="" type="radio"/> Y / <input type="radio"/> N																																																																	
<u>Jenna Hinkle</u>				5.16.25	711	<u>Michelle Gonzales</u>				5.16.25	0711																																																																		
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<u>Michelle Gonzales</u>				5.17.25	0230	<u>Caitlynn</u>				5.19.25	730																																																																		
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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#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX				
Project: Parkway Gathering Leach				Address: 5315 Buena Vista Dr				E 605201		010580007					X	X							
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220																			
Address: 3122 National Parks Hwy				Phone: (575)689-7597												EPA Program							
City, State, Zip: Carlsbad NM, 88220				Email: jim.raley@dvn.com												SDWA	CWA	RCRA					
Phone: 575-988-0055				Miscellaneous: Jim Raley												Compliance							
Email: agiovengo@ensolum.com																PWSID #	Y	or	N				
Sample Information																							
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	TEEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	Sample Temp	Remarks						
1203	5/15/25	Soil	1	BH03-0'		11										3.6							
1210				↓ 03-2'		12										3.8							
1243				↓ 03-4'		13										3.4							
1245				BH04-0'		14										3.6							
1244				↓ 04-1'		15										3.2							
1320				BH05-0'		16										3.7							
1337				↓ 05-2'		17										3.4							
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dvn.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jhinkle@ensolum.com, akone@ensolum.com, jgonzales@ensolum.com, rrai@ensolum.com, oaderinto@ensolum.com																							
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Relinquished by: (Signature)			Date	Time	Received by: (Signature)			Date	Time														
<u>Michelle Gonzales</u>			5-17-25	0230	<u>Caitlynn Mann</u>			5-19-25	730														
Relinquished by: (Signature)			Date	Time	Received by: (Signature)			Date	Time														
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Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above 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: 5/19/2025 10:27:07AM

#### 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:	05/19/25 07:30	Work Order ID:	E505201
Phone:	(505) 382-1211	Date Logged In:	05/16/25 16:12	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	05/23/25 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

Carrier: Courier

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

#### Comments/Resolution

#### Sample Turn Around Time (TAT)

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

#### Sample Cooler

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

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

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

#### Sample Container

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

#### Field Label

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

Work Order: E505261

Job Number: 01058-0007

Received: 5/23/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
5/30/25

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: 5/30/25



Ashley Giovengo  
6488 7 Rivers Hwy  
Artesia, NM 88210

Project Name: Parkway Gathering Leak  
Workorder: E505261  
Date Received: 5/23/2025 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/23/2025 7:30:00AM, under the Project Name: Parkway Gathering Leak.

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

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

Field Offices:

**Southern New Mexico Area**

**Lynn Jarboe**  
Laboratory Technical Representative  
Office: 505-421-LABS(5227)  
Cell: 505-320-4759  
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**Michelle Gonzales**  
Client Representative  
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Cell: 505-947-8222  
[mgonzales@envirotech-inc.com](mailto:mgonzales@envirotech-inc.com)

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

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### Sample Summary

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 05/30/25 09:34
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH01-10'	E505261-01A	Soil	05/21/25	05/23/25	Glass Jar, 2 oz.
BH01-12'	E505261-02A	Soil	05/21/25	05/23/25	Glass Jar, 2 oz.
BH02-9'	E505261-03A	Soil	05/21/25	05/23/25	Glass Jar, 2 oz.
BH03-6'	E505261-04A	Soil	05/21/25	05/23/25	Glass Jar, 2 oz.
BH03-8'	E505261-05A	Soil	05/21/25	05/23/25	Glass Jar, 2 oz.
BH03-10'	E505261-06A	Soil	05/21/25	05/23/25	Glass Jar, 2 oz.
BH03-12.5'	E505261-07A	Soil	05/21/25	05/23/25	Glass Jar, 2 oz.



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 5/30/2025 9:34:57AM
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**BH01-10'**  
**E505261-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2521150
Benzene	ND	0.0250	1	05/23/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/23/25	05/28/25	
Toluene	ND	0.0250	1	05/23/25	05/28/25	
o-Xylene	ND	0.0250	1	05/23/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/23/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/23/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		91.2 %	70-130	05/23/25	05/28/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2521150
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		99.3 %	70-130	05/23/25	05/28/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2522032
Diesel Range Organics (C10-C28)	ND	25.0	1	05/28/25	05/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/28/25	05/28/25	
<i>Surrogate: n-Nonane</i>						
		112 %	61-141	05/28/25	05/28/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2522015
Chloride	15600	400	20	05/27/25	05/27/25	



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 5/30/2025 9:34:57AM
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**BH01-12'**

**E505261-02**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2521150
Benzene	ND	0.0250	1	05/23/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/23/25	05/28/25	
Toluene	ND	0.0250	1	05/23/25	05/28/25	
o-Xylene	ND	0.0250	1	05/23/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/23/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/23/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		90.6 %	70-130	05/23/25	05/28/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2521150
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.3 %	70-130	05/23/25	05/28/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2522032
Diesel Range Organics (C10-C28)	ND	25.0	1	05/28/25	05/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/28/25	05/28/25	
<i>Surrogate: n-Nonane</i>						
		112 %	61-141	05/28/25	05/28/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2522015
Chloride	6510	200	10	05/27/25	05/27/25	



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 5/30/2025 9:34:57AM
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**BH02-9'**  
**E505261-03**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2521150
Benzene	ND	0.0250	1	05/23/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/23/25	05/28/25	
Toluene	ND	0.0250	1	05/23/25	05/28/25	
o-Xylene	ND	0.0250	1	05/23/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/23/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/23/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		91.2 %	70-130	05/23/25	05/28/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2521150
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.6 %	70-130	05/23/25	05/28/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2522032
Diesel Range Organics (C10-C28)	ND	25.0	1	05/28/25	05/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/28/25	05/28/25	
<i>Surrogate: n-Nonane</i>						
		108 %	61-141	05/28/25	05/28/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2522015
Chloride	12200	200	10	05/27/25	05/27/25	



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 5/30/2025 9:34:57AM
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**BH03-6'**  
**E505261-04**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2521150
Benzene	ND	0.0250	1	05/23/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/23/25	05/28/25	
Toluene	ND	0.0250	1	05/23/25	05/28/25	
o-Xylene	ND	0.0250	1	05/23/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/23/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/23/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		91.9 %	70-130	05/23/25	05/28/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2521150
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.0 %	70-130	05/23/25	05/28/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2522032
Diesel Range Organics (C10-C28)	ND	25.0	1	05/28/25	05/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/28/25	05/28/25	
<i>Surrogate: n-Nonane</i>						
		110 %	61-141	05/28/25	05/28/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2522015
Chloride	8690	200	10	05/27/25	05/27/25	



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 5/30/2025 9:34:57AM
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**BH03-8'**  
**E505261-05**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2521150
Benzene	ND	0.0250	1	05/23/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/23/25	05/28/25	
Toluene	ND	0.0250	1	05/23/25	05/28/25	
o-Xylene	ND	0.0250	1	05/23/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/23/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/23/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		92.6 %	70-130	05/23/25	05/28/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2521150
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.6 %	70-130	05/23/25	05/28/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2522032
Diesel Range Organics (C10-C28)	ND	25.0	1	05/28/25	05/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/28/25	05/28/25	
<i>Surrogate: n-Nonane</i>						
		111 %	61-141	05/28/25	05/28/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2522015
Chloride	8470	400	20	05/27/25	05/27/25	



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 5/30/2025 9:34:57AM
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**BH03-10'**

**E505261-06**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2521150
Benzene	ND	0.0250	1	05/23/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/23/25	05/28/25	
Toluene	ND	0.0250	1	05/23/25	05/28/25	
o-Xylene	ND	0.0250	1	05/23/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/23/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/23/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.4 %	70-130	05/23/25	05/28/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2521150
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		98.2 %	70-130	05/23/25	05/28/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2522032
Diesel Range Organics (C10-C28)	ND	25.0	1	05/28/25	05/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/28/25	05/28/25	
<i>Surrogate: n-Nonane</i>		111 %	61-141	05/28/25	05/28/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: JM		Batch: 2522015
Chloride	11500	400	20	05/27/25	05/27/25	



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 5/30/2025 9:34:57AM
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**BH03-12.5'**

**E505261-07**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2521150
Benzene	ND	0.0250	1	05/23/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/23/25	05/28/25	
Toluene	ND	0.0250	1	05/23/25	05/28/25	
o-Xylene	ND	0.0250	1	05/23/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/23/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/23/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		91.7 %	70-130	05/23/25	05/28/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2521150
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		97.4 %	70-130	05/23/25	05/28/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2522032
Diesel Range Organics (C10-C28)	ND	25.0	1	05/28/25	05/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/28/25	05/28/25	
<i>Surrogate: n-Nonane</i>						
		112 %	61-141	05/28/25	05/28/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2522015
Chloride	9140	400	20	05/27/25	05/27/25	



### QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 5/30/2025 9:34:57AM
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#### 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 (2521150-BLK1)**

Prepared: 05/23/25 Analyzed: 05/28/25

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	7.18		8.00		89.8	70-130			

**LCS (2521150-BS1)**

Prepared: 05/23/25 Analyzed: 05/28/25

Benzene	4.63	0.0250	5.00		92.6	70-130			
Ethylbenzene	4.54	0.0250	5.00		90.8	70-130			
Toluene	4.61	0.0250	5.00		92.1	70-130			
o-Xylene	4.54	0.0250	5.00		90.7	70-130			
p,m-Xylene	9.20	0.0500	10.0		92.0	70-130			
Total Xylenes	13.7	0.0250	15.0		91.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.20		8.00		90.0	70-130			

**Matrix Spike (2521150-MS1)**

Source: E505261-01

Prepared: 05/23/25 Analyzed: 05/28/25

Benzene	5.29	0.0250	5.00	ND	106	70-130			
Ethylbenzene	5.18	0.0250	5.00	ND	104	70-130			
Toluene	5.26	0.0250	5.00	ND	105	70-130			
o-Xylene	5.15	0.0250	5.00	ND	103	70-130			
p,m-Xylene	10.5	0.0500	10.0	ND	105	70-130			
Total Xylenes	15.6	0.0250	15.0	ND	104	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.20		8.00		90.0	70-130			

**Matrix Spike Dup (2521150-MSD1)**

Source: E505261-01

Prepared: 05/23/25 Analyzed: 05/28/25

Benzene	5.47	0.0250	5.00	ND	109	70-130	3.40	27	
Ethylbenzene	5.35	0.0250	5.00	ND	107	70-130	3.23	26	
Toluene	5.43	0.0250	5.00	ND	109	70-130	3.22	20	
o-Xylene	5.30	0.0250	5.00	ND	106	70-130	2.89	25	
p,m-Xylene	10.8	0.0500	10.0	ND	108	70-130	2.94	23	
Total Xylenes	16.1	0.0250	15.0	ND	107	70-130	2.92	26	
Surrogate: 4-Bromochlorobenzene-PID	7.29		8.00		91.1	70-130			



### QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 5/30/2025 9:34:57AM
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#### 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 (2521150-BLK1)**

Prepared: 05/23/25 Analyzed: 05/28/25

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

**LCS (2521150-BS2)**

Prepared: 05/23/25 Analyzed: 05/28/25

Gasoline Range Organics (C6-C10)	41.8	20.0	50.0		83.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.08		8.00		101	70-130			

**Matrix Spike (2521150-MS2)**

Source: E505261-01

Prepared: 05/23/25 Analyzed: 05/28/25

Gasoline Range Organics (C6-C10)	43.6	20.0	50.0	ND	87.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.95		8.00		99.4	70-130			

**Matrix Spike Dup (2521150-MSD2)**

Source: E505261-01

Prepared: 05/23/25 Analyzed: 05/28/25

Gasoline Range Organics (C6-C10)	37.6	20.0	50.0	ND	75.2	70-130	14.8	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.97		8.00		99.7	70-130			



### QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 5/30/2025 9:34:57AM
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#### 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 (2522032-BLK1)**

Prepared: 05/28/25 Analyzed: 05/28/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	56.0		50.0		112	61-141			

**LCS (2522032-BS1)**

Prepared: 05/28/25 Analyzed: 05/28/25

Diesel Range Organics (C10-C28)	297	25.0	250		119	66-144			
Surrogate: <i>n</i> -Nonane	55.3		50.0		111	61-141			

**Matrix Spike (2522032-MS1)**

Source: E505260-08

Prepared: 05/28/25 Analyzed: 05/28/25

Diesel Range Organics (C10-C28)	310	25.0	250	ND	124	56-156			
Surrogate: <i>n</i> -Nonane	57.1		50.0		114	61-141			

**Matrix Spike Dup (2522032-MSD1)**

Source: E505260-08

Prepared: 05/28/25 Analyzed: 05/28/25

Diesel Range Organics (C10-C28)	311	25.0	250	ND	125	56-156	0.517	20	
Surrogate: <i>n</i> -Nonane	57.1		50.0		114	61-141			



### QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 5/30/2025 9:34:57AM
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#### Anions by EPA 300.0/9056A

Analyst: JM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2522015-BLK1)**

Prepared: 05/27/25 Analyzed: 05/27/25

Chloride	ND	20.0							
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**LCS (2522015-BS1)**

Prepared: 05/27/25 Analyzed: 05/27/25

Chloride	253	20.0	250		101	90-110			
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**Matrix Spike (2522015-MS1)**

Source: E505260-05

Prepared: 05/27/25 Analyzed: 05/27/25

Chloride	419	20.0	250	112	123	80-120			M2
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**Matrix Spike Dup (2522015-MSD1)**

Source: E505260-05

Prepared: 05/27/25 Analyzed: 05/27/25

Chloride	449	20.0	250	112	134	80-120	6.75	20	M2
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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 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 05/30/25 09:34
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M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



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: Parkway Gathering Leach				Address: 5315 Buena Vista Dr				ES052601		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@dnv.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/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TEQ 1005-TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA		
1414	5/22/25	Soil	1	BH01-10'			1								+						
1452				BH01-12'			2								+						
1504				BH02-9'			3								+						
1033				BH03-6'			4								+						
1107				03-8'			5								+						
1542				03-10'			6								+						
1605				03-12.5'			7								+						
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dnv.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jhinkle@ensolum.com, akone@ensolum.com, jgonzales@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: Jenna Finble																					
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: O/N					
Jenna Finble				5/22/25		7:11		Michelle Gonzales				5-22-25		0711							
Michelle Gonzales				5-22-25		1530		[Signature]				5-22-25		1530							
[Signature]				5-22-25		2145		Caitlin [Signature]				5-23-25		730							
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: 5/23/2025 8:45:18AM

#### 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:	05/23/25 07:30	Work Order ID:	E505261
Phone:	(505) 382-1211	Date Logged In:	05/22/25 15:26	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	05/30/25 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

Carrier: Courier

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

#### Comments/Resolution

#### Sample Turn Around Time (TAT)

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

#### Sample Cooler

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

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

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

#### Sample Container

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

#### Field Label

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

Work Order: E505280

Job Number: 01058-0007

Received: 5/27/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
5/30/25

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: 5/30/25



Ashley Giovengo  
6488 7 Rivers Hwy  
Artesia, NM 88210

Project Name: Parkway Gathering Leak  
Workorder: E505280  
Date Received: 5/27/2025 7:15:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/27/2025 7:15:00AM, under the Project Name: Parkway Gathering Leak.

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

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

Field Offices:

**Southern New Mexico Area**

**Lynn Jarboe**  
Laboratory Technical Representative  
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### Sample Summary

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 05/30/25 14:42
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH03-15'	E505280-01A	Soil	05/22/25	05/27/25	Glass Jar, 2 oz.



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 5/30/2025 2:42:17PM
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**BH03-15'**  
**E505280-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2522038
Benzene	ND	0.0250	1	05/28/25	05/30/25	
Ethylbenzene	ND	0.0250	1	05/28/25	05/30/25	
Toluene	ND	0.0250	1	05/28/25	05/30/25	
o-Xylene	ND	0.0250	1	05/28/25	05/30/25	
p,m-Xylene	ND	0.0500	1	05/28/25	05/30/25	
Total Xylenes	ND	0.0250	1	05/28/25	05/30/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	05/28/25	05/30/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2522038
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/28/25	05/30/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		110 %	70-130	05/28/25	05/30/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2522034
Diesel Range Organics (C10-C28)	ND	25.0	1	05/28/25	05/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/28/25	05/29/25	
<i>Surrogate: n-Nonane</i>						
		113 %	61-141	05/28/25	05/29/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2522056
Chloride	10900	200	10	05/28/25	05/29/25	



### QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 5/30/2025 2:42:17PM
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#### 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 (2522038-BLK1)**

Prepared: 05/28/25 Analyzed: 05/29/25

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	8.12		8.00		101	70-130			

**LCS (2522038-BS1)**

Prepared: 05/28/25 Analyzed: 05/29/25

Benzene	4.87	0.0250	5.00		97.3	70-130			
Ethylbenzene	4.85	0.0250	5.00		97.1	70-130			
Toluene	4.86	0.0250	5.00		97.2	70-130			
o-Xylene	4.87	0.0250	5.00		97.3	70-130			
p,m-Xylene	9.86	0.0500	10.0		98.6	70-130			
Total Xylenes	14.7	0.0250	15.0		98.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.32		8.00		104	70-130			

**Matrix Spike (2522038-MS1)**

Source: E505278-06

Prepared: 05/28/25 Analyzed: 05/29/25

Benzene	5.30	0.0250	5.00	ND	106	70-130			
Ethylbenzene	5.28	0.0250	5.00	ND	106	70-130			
Toluene	5.30	0.0250	5.00	ND	106	70-130			
o-Xylene	5.28	0.0250	5.00	ND	106	70-130			
p,m-Xylene	10.7	0.0500	10.0	ND	107	70-130			
Total Xylenes	16.0	0.0250	15.0	ND	107	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.20		8.00		103	70-130			

**Matrix Spike Dup (2522038-MSD1)**

Source: E505278-06

Prepared: 05/28/25 Analyzed: 05/29/25

Benzene	6.06	0.0250	5.00	ND	121	70-130	13.3	27	
Ethylbenzene	6.05	0.0250	5.00	ND	121	70-130	13.6	26	
Toluene	6.06	0.0250	5.00	ND	121	70-130	13.4	20	
o-Xylene	6.02	0.0250	5.00	ND	120	70-130	13.0	25	
p,m-Xylene	12.2	0.0500	10.0	ND	122	70-130	13.2	23	
Total Xylenes	18.2	0.0250	15.0	ND	122	70-130	13.1	26	
Surrogate: 4-Bromochlorobenzene-PID	8.20		8.00		103	70-130			



### QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 5/30/2025 2:42:17PM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

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

**Blank (2522038-BLK1)**

Prepared: 05/28/25 Analyzed: 05/29/25

Gasoline Range Organics (C6-C10)	ND	20.0						
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.37		8.00		105	70-130		

**LCS (2522038-BS2)**

Prepared: 05/28/25 Analyzed: 05/29/25

Gasoline Range Organics (C6-C10)	45.0	20.0	50.0		90.0	70-130		
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.51		8.00		106	70-130		

**Matrix Spike (2522038-MS2)**

Source: E505278-06

Prepared: 05/28/25 Analyzed: 05/29/25

Gasoline Range Organics (C6-C10)	48.0	20.0	50.0	ND	96.0	70-130		
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.50		8.00		106	70-130		

**Matrix Spike Dup (2522038-MSD2)**

Source: E505278-06

Prepared: 05/28/25 Analyzed: 05/29/25

Gasoline Range Organics (C6-C10)	57.6	20.0	50.0	ND	115	70-130	18.3	20
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.90		8.00		111	70-130		



### QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 5/30/2025 2:42:17PM
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#### 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 (2522034-BLK1)**

Prepared: 05/28/25 Analyzed: 05/28/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	55.2		50.0		110	61-141			

**LCS (2522034-BS1)**

Prepared: 05/28/25 Analyzed: 05/28/25

Diesel Range Organics (C10-C28)	281	25.0	250		112	66-144			
Surrogate: <i>n</i> -Nonane	54.4		50.0		109	61-141			

**Matrix Spike (2522034-MS1)**

Source: E505271-06

Prepared: 05/28/25 Analyzed: 05/28/25

Diesel Range Organics (C10-C28)	283	25.0	250	ND	113	56-156			
Surrogate: <i>n</i> -Nonane	54.8		50.0		110	61-141			

**Matrix Spike Dup (2522034-MSD1)**

Source: E505271-06

Prepared: 05/28/25 Analyzed: 05/28/25

Diesel Range Organics (C10-C28)	278	25.0	250	ND	111	56-156	1.74	20	
Surrogate: <i>n</i> -Nonane	55.0		50.0		110	61-141			



### QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 5/30/2025 2:42:17PM
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#### 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 (2522056-BLK1)**

Prepared: 05/28/25 Analyzed: 05/29/25

Chloride ND 20.0

**LCS (2522056-BS1)**

Prepared: 05/28/25 Analyzed: 05/29/25

Chloride 255 20.0 250 102 90-110

**Matrix Spike (2522056-MS1)**

Source: E505275-03

Prepared: 05/28/25 Analyzed: 05/29/25

Chloride 361 20.0 250 112 99.7 80-120

**Matrix Spike Dup (2522056-MSD1)**

Source: E505275-03

Prepared: 05/28/25 Analyzed: 05/29/25

Chloride 365 20.0 250 112 101 80-120 1.01 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:	Parkway Gathering Leak	
6488 7 Rivers Hwy	Project Number:	01058-0007	<b>Reported:</b>
Artesia NM, 88210	Project Manager:	Ashley Giovengo	05/30/25 14:42

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.



<b>Client Information</b>				<b>Invoice Information</b>				<b>Lab Use Only</b>				<b>TAT</b>				<b>State</b>			
Client: Devon				Company: Devon Energy				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project: <u>Pathway Gathering Leach</u>				Address: 5315 Buena Vista Dr				<u>E609280</u>		<u>010580007</u>					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@dvn.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/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BigDOC - NM	BigDOC - TX	SDWA	CWA	RCRA	
12:21	5/22/2025	Soil	1	BH03- 15'		1								x					

**Additional Instructions:** Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dvn.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, ihinkle@ensolum.com, akone@ensolum.com, jgonzales@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>						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
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<u>Jenna Hinkle</u>	<u>5/23/25</u>	<u>7:00</u>	<u>Michelle Gonzalez</u>	<u>5-23-25</u>	<u>0700</u>	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<u>Michelle Gonzalez</u>	<u>5-23-25</u>	<u>1640</u>	<u>J.H.</u>	<u>5-23-25</u>	<u>1640</u>	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<u>J.H.</u>	<u>5-23-25</u>	<u>2245</u>	<u>Michelle Gonzalez</u>	<u>5-27-25</u>	<u>715</u>	
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: 5/27/2025 9:49:13AM

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: 05/27/25 07:15 Work Order ID: E505280
Phone: (505) 382-1211 Date Logged In: 05/23/25 16:47 Logged In By: Noe Soto
Email: agiovengo@ensolum.com Due Date: 06/02/25 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

Carrier: Courier

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Empty box for Client Instruction

Comments/Resolution

Large empty box for Comments/Resolution

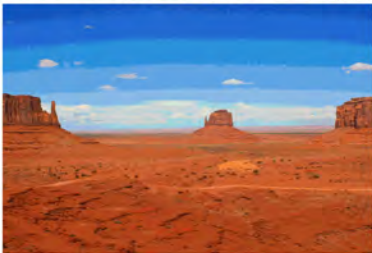
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:  
Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

### Devon Energy - Carlsbad

Project Name: Parkway Gathering Leak

Work Order: E509030

Job Number: 01058-0007

Received: 9/5/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
9/11/25

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: 9/11/25



Ashley Giovengo  
6488 7 Rivers Hwy  
Artesia, NM 88210

Project Name: Parkway Gathering Leak  
Workorder: E509030  
Date Received: 9/5/2025 8:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/5/2025 8:30:00AM, under the Project Name: Parkway Gathering Leak.

The analytical test results summarized in this report with the Project Name: Parkway Gathering Leak 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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Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	8
QC - Anions by EPA 300.0/9056A	9
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Chain of Custody etc.	11

### Sample Summary

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 09/11/25 08:40
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH03-16'	E509030-01A	Soil	08/29/25	09/05/25	Glass Jar, 2 oz.



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 9/11/2025 8:40:17AM
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**BH03-16'**  
**E509030-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2536077	
Benzene	ND	0.0250	1	09/05/25	09/07/25	
Ethylbenzene	ND	0.0250	1	09/05/25	09/07/25	
Toluene	ND	0.0250	1	09/05/25	09/07/25	
o-Xylene	ND	0.0250	1	09/05/25	09/07/25	
p,m-Xylene	ND	0.0500	1	09/05/25	09/07/25	
Total Xylenes	ND	0.0250	1	09/05/25	09/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		111 %	70-130	09/05/25	09/07/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2536077	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/25	09/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.9 %	70-130	09/05/25	09/07/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: HM		Batch: 2536078	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/05/25	09/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/05/25	09/05/25	
<i>Surrogate: n-Nonane</i>		94.7 %	61-141	09/05/25	09/05/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2536089	
Chloride	5850	200	10	09/05/25	09/06/25	



### QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 9/11/2025 8:40:17AM
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#### 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 (2536077-BLK1)**

Prepared: 09/05/25 Analyzed: 09/07/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.77		8.00		110	70-130			

**LCS (2536077-BS1)**

Prepared: 09/05/25 Analyzed: 09/07/25

Benzene	4.63	0.0250	5.00		92.5	70-130			
Ethylbenzene	4.61	0.0250	5.00		92.2	70-130			
Toluene	4.60	0.0250	5.00		92.0	70-130			
o-Xylene	4.68	0.0250	5.00		93.5	70-130			
p,m-Xylene	9.33	0.0500	10.0		93.3	70-130			
Total Xylenes	14.0	0.0250	15.0		93.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.73		8.00		109	70-130			

**Matrix Spike (2536077-MS1)**

Source: E509028-01

Prepared: 09/05/25 Analyzed: 09/07/25

Benzene	4.65	0.0250	5.00	ND	93.0	70-130			
Ethylbenzene	4.64	0.0250	5.00	ND	92.8	70-130			
Toluene	4.63	0.0250	5.00	ND	92.5	70-130			
o-Xylene	4.71	0.0250	5.00	ND	94.2	70-130			
p,m-Xylene	9.39	0.0500	10.0	ND	93.9	70-130			
Total Xylenes	14.1	0.0250	15.0	ND	94.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.91		8.00		111	70-130			

**Matrix Spike Dup (2536077-MSD1)**

Source: E509028-01

Prepared: 09/05/25 Analyzed: 09/07/25

Benzene	4.81	0.0250	5.00	ND	96.2	70-130	3.41	27	
Ethylbenzene	4.81	0.0250	5.00	ND	96.2	70-130	3.61	26	
Toluene	4.78	0.0250	5.00	ND	95.7	70-130	3.34	20	
o-Xylene	4.88	0.0250	5.00	ND	97.6	70-130	3.51	25	
p,m-Xylene	9.72	0.0500	10.0	ND	97.2	70-130	3.48	23	
Total Xylenes	14.6	0.0250	15.0	ND	97.4	70-130	3.49	26	
Surrogate: 4-Bromochlorobenzene-PID	8.82		8.00		110	70-130			



### QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 9/11/2025 8:40:17AM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

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

**Blank (2536077-BLK1)**

Prepared: 09/05/25 Analyzed: 09/07/25

Gasoline Range Organics (C6-C10)	ND	20.0						
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.49		8.00		93.7	70-130		

**LCS (2536077-BS2)**

Prepared: 09/05/25 Analyzed: 09/07/25

Gasoline Range Organics (C6-C10)	53.9	20.0	50.0		108	70-130		
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.64		8.00		95.4	70-130		

**Matrix Spike (2536077-MS2)**

Source: E509028-01

Prepared: 09/05/25 Analyzed: 09/07/25

Gasoline Range Organics (C6-C10)	53.8	20.0	50.0	ND	108	70-130		
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.51		8.00		93.9	70-130		

**Matrix Spike Dup (2536077-MSD2)**

Source: E509028-01

Prepared: 09/05/25 Analyzed: 09/07/25

Gasoline Range Organics (C6-C10)	53.0	20.0	50.0	ND	106	70-130	1.55	20
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.55		8.00		94.4	70-130		



### QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 9/11/2025 8:40:17AM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2536078-BLK1)**

Prepared: 09/05/25 Analyzed: 09/05/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	46.2		50.0		92.4	61-141			

**LCS (2536078-BS1)**

Prepared: 09/05/25 Analyzed: 09/05/25

Diesel Range Organics (C10-C28)	245	25.0	250		97.9	66-144			
Surrogate: <i>n</i> -Nonane	46.4		50.0		92.9	61-141			

**Matrix Spike (2536078-MS1)**

Source: E509027-01

Prepared: 09/05/25 Analyzed: 09/05/25

Diesel Range Organics (C10-C28)	253	25.0	250	ND	101	56-156			
Surrogate: <i>n</i> -Nonane	46.3		50.0		92.7	61-141			

**Matrix Spike Dup (2536078-MSD1)**

Source: E509027-01

Prepared: 09/05/25 Analyzed: 09/05/25

Diesel Range Organics (C10-C28)	254	25.0	250	ND	102	56-156	0.373	20	
Surrogate: <i>n</i> -Nonane	45.7		50.0		91.4	61-141			



### QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 9/11/2025 8:40:17AM
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#### Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2536089-BLK1)**

Prepared: 09/05/25 Analyzed: 09/05/25

Chloride ND 20.0

**LCS (2536089-BS1)**

Prepared: 09/05/25 Analyzed: 09/05/25

Chloride 253 20.0 250 101 90-110

**Matrix Spike (2536089-MS1)**

Source: E509023-44

Prepared: 09/05/25 Analyzed: 09/05/25

Chloride 387 100 250 136 100 80-120

**Matrix Spike Dup (2536089-MSD1)**

Source: E509023-44

Prepared: 09/05/25 Analyzed: 09/05/25

Chloride 409 100 250 136 109 80-120 5.59 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:	Parkway Gathering Leak	
6488 7 Rivers Hwy	Project Number:	01058-0007	<b>Reported:</b>
Artesia NM, 88210	Project Manager:	Ashley Giovengo	09/11/25 08:40

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.



<b>Client Information</b>				<b>Invoice Information</b>				<b>Lab Use Only</b>				<b>TAT</b>				<b>State</b>			
Client: Devon				Company: Devon Energy				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project: Parkway Gathering Leak				Address: 5315 Buena Vista Dr				E509030		010580007					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@dvn.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/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			
																Compliance	Y	or	N		
																PWSID #					
																Sample Temp			Remarks		
1002	8/29/25	S	1	BH03-16		1								X		1.5			cost center: 1090174501		

Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dvn.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, usantillana@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: Uriel Santillana						Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.  <b>Lab Use Only</b> Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N					
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
<i>[Signature]</i>	9/4/25	700	Michelle Gonzales	9-4-25	0700						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
Michelle Gonzales	9-4-25	1445	Marissa Gonzales	9-4-25	1445						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
Marissa Gonzales	9-4-25	1820	Andrew Musso	9-4-25	1820						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
Andrew Musso	9-4-25	2330	Carl Nass	9-5-25	830						
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: 9/5/2025 9:40:03AM

#### Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	09/05/25 08:30	Work Order ID:	E509030
Phone:	(505) 382-1211	Date Logged In:	09/04/25 15:46	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	09/11/25 07:00 (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

Carrier: Courier

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

#### Comments/Resolution

#### Sample Turn Around Time (TAT)

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

#### Sample Cooler

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

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

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

#### Sample Container

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

#### Field Label

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

Work Order: E509031

Job Number: 01058-0007

Received: 9/5/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
9/11/25

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: 9/11/25

Ashley Giovengo  
6488 7 Rivers Hwy  
Artesia, NM 88210

Project Name: Parkway Gathering Leak  
Workorder: E509031  
Date Received: 9/5/2025 8:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/5/2025 8:30:00AM, under the Project Name: Parkway Gathering Leak.

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

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
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[mgonzales@envirotech-inc.com](mailto:mgonzales@envirotech-inc.com)

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

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### Sample Summary

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 09/11/25 08:41
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH03-20'	E509031-01A	Soil	08/29/25	09/05/25	Glass Jar, 2 oz.



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 9/11/2025 8:41:50AM
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**BH03-20'**  
**E509031-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2536077	
Benzene	ND	0.0250	1	09/05/25	09/07/25	
Ethylbenzene	ND	0.0250	1	09/05/25	09/07/25	
Toluene	ND	0.0250	1	09/05/25	09/07/25	
o-Xylene	ND	0.0250	1	09/05/25	09/07/25	
p,m-Xylene	ND	0.0500	1	09/05/25	09/07/25	
Total Xylenes	ND	0.0250	1	09/05/25	09/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		114 %	70-130	09/05/25	09/07/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2536077	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/25	09/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.9 %	70-130	09/05/25	09/07/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: HM		Batch: 2536078	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/05/25	09/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/05/25	09/05/25	
<i>Surrogate: n-Nonane</i>		94.8 %	61-141	09/05/25	09/05/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2536089	
Chloride	293	200	10	09/05/25	09/06/25	



### QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 9/11/2025 8:41:50AM
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#### 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 (2536077-BLK1)**

Prepared: 09/05/25 Analyzed: 09/07/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.77		8.00		110	70-130			

**LCS (2536077-BS1)**

Prepared: 09/05/25 Analyzed: 09/07/25

Benzene	4.63	0.0250	5.00		92.5	70-130			
Ethylbenzene	4.61	0.0250	5.00		92.2	70-130			
Toluene	4.60	0.0250	5.00		92.0	70-130			
o-Xylene	4.68	0.0250	5.00		93.5	70-130			
p,m-Xylene	9.33	0.0500	10.0		93.3	70-130			
Total Xylenes	14.0	0.0250	15.0		93.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.73		8.00		109	70-130			

**Matrix Spike (2536077-MS1)**

Source: E509028-01

Prepared: 09/05/25 Analyzed: 09/07/25

Benzene	4.65	0.0250	5.00	ND	93.0	70-130			
Ethylbenzene	4.64	0.0250	5.00	ND	92.8	70-130			
Toluene	4.63	0.0250	5.00	ND	92.5	70-130			
o-Xylene	4.71	0.0250	5.00	ND	94.2	70-130			
p,m-Xylene	9.39	0.0500	10.0	ND	93.9	70-130			
Total Xylenes	14.1	0.0250	15.0	ND	94.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.91		8.00		111	70-130			

**Matrix Spike Dup (2536077-MSD1)**

Source: E509028-01

Prepared: 09/05/25 Analyzed: 09/07/25

Benzene	4.81	0.0250	5.00	ND	96.2	70-130	3.41	27	
Ethylbenzene	4.81	0.0250	5.00	ND	96.2	70-130	3.61	26	
Toluene	4.78	0.0250	5.00	ND	95.7	70-130	3.34	20	
o-Xylene	4.88	0.0250	5.00	ND	97.6	70-130	3.51	25	
p,m-Xylene	9.72	0.0500	10.0	ND	97.2	70-130	3.48	23	
Total Xylenes	14.6	0.0250	15.0	ND	97.4	70-130	3.49	26	
Surrogate: 4-Bromochlorobenzene-PID	8.82		8.00		110	70-130			



### QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 9/11/2025 8:41:50AM
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#### 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 (2536077-BLK1)**

Prepared: 09/05/25 Analyzed: 09/07/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.49		8.00		93.7	70-130			

**LCS (2536077-BS2)**

Prepared: 09/05/25 Analyzed: 09/07/25

Gasoline Range Organics (C6-C10)	53.9	20.0	50.0		108	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.64		8.00		95.4	70-130			

**Matrix Spike (2536077-MS2)**

Source: E509028-01

Prepared: 09/05/25 Analyzed: 09/07/25

Gasoline Range Organics (C6-C10)	53.8	20.0	50.0	ND	108	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.51		8.00		93.9	70-130			

**Matrix Spike Dup (2536077-MSD2)**

Source: E509028-01

Prepared: 09/05/25 Analyzed: 09/07/25

Gasoline Range Organics (C6-C10)	53.0	20.0	50.0	ND	106	70-130	1.55	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.55		8.00		94.4	70-130			



### QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 9/11/2025 8:41:50AM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2536078-BLK1)**

Prepared: 09/05/25 Analyzed: 09/05/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	46.2		50.0		92.4	61-141			

**LCS (2536078-BS1)**

Prepared: 09/05/25 Analyzed: 09/05/25

Diesel Range Organics (C10-C28)	245	25.0	250		97.9	66-144			
Surrogate: <i>n</i> -Nonane	46.4		50.0		92.9	61-141			

**Matrix Spike (2536078-MS1)**

Source: E509027-01

Prepared: 09/05/25 Analyzed: 09/05/25

Diesel Range Organics (C10-C28)	253	25.0	250	ND	101	56-156			
Surrogate: <i>n</i> -Nonane	46.3		50.0		92.7	61-141			

**Matrix Spike Dup (2536078-MSD1)**

Source: E509027-01

Prepared: 09/05/25 Analyzed: 09/05/25

Diesel Range Organics (C10-C28)	254	25.0	250	ND	102	56-156	0.373	20	
Surrogate: <i>n</i> -Nonane	45.7		50.0		91.4	61-141			



### QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 9/11/2025 8:41:50AM
---	--	---

#### Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2536089-BLK1)**

Prepared: 09/05/25 Analyzed: 09/05/25

Chloride	ND	20.0							
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**LCS (2536089-BS1)**

Prepared: 09/05/25 Analyzed: 09/05/25

Chloride	253	20.0	250		101	90-110			
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**Matrix Spike (2536089-MS1)**

Source: E509023-44

Prepared: 09/05/25 Analyzed: 09/05/25

Chloride	387	100	250	136	100	80-120			
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**Matrix Spike Dup (2536089-MSD1)**

Source: E509023-44

Prepared: 09/05/25 Analyzed: 09/05/25

Chloride	409	100	250	136	109	80-120	5.59	20	
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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:	Parkway Gathering Leak	
6488 7 Rivers Hwy	Project Number:	01058-0007	<b>Reported:</b>
Artesia NM, 88210	Project Manager:	Ashley Giovengo	09/11/25 08:41

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.



<b>Client Information</b>				<b>Invoice Information</b>				<b>Lab Use Only</b>				<b>TAT</b>				<b>State</b>			
Client: Devon				Company: Devon Energy				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project: Parkway Gathering Leak				Address: 5315 Buena Vista Dr				E509031		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@dvn.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/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				
1003	8/29/25	S	1	B403-20		1								x								

**Additional Instructions:** Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dvn.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, usantillana@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>Uriel Santillana</u>										Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.  <b>Lab Use Only</b> Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N									
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
<i>Uriel Santillana</i>	9/4/25	700	<i>Michelle Gonzales</i>	9-4-25	0700														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
<i>Michelle Gonzales</i>	9-4-25	1445	<i>Marissa Gonzales</i>	9-4-25	1445														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
<i>Marissa Gonzales</i>	9-4-25	1820	<i>Andrew Musso</i>	9-4-25	1820														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
<i>Andrew Musso</i>	9-4-25	2330	<i>Carth Mar</i>	9-5-25	830														
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: 9/5/2025 9:43:29AM

#### 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:	09/05/25 08:30	Work Order ID:	E509031
Phone:	(505) 382-1211	Date Logged In:	09/04/25 15:49	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	09/11/25 07:00 (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

Carrier: Courier

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

#### Comments/Resolution

#### Sample Turn Around Time (TAT)

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

#### Sample Cooler

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

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

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

#### Sample Container

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

#### Field Label

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

Work Order: E509032

Job Number: 01058-0007

Received: 9/5/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
9/11/25

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: 9/11/25

Ashley Giovengo  
6488 7 Rivers Hwy  
Artesia, NM 88210



Project Name: Parkway Gathering Leak  
Workorder: E509032  
Date Received: 9/5/2025 8:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/5/2025 8:30:00AM, under the Project Name: Parkway Gathering Leak.

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

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
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[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

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[mgonzales@envirotech-inc.com](mailto:mgonzales@envirotech-inc.com)

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

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### Sample Summary

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 09/11/25 08:43
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH03-21'	E509032-01A	Soil	08/29/25	09/05/25	Glass Jar, 2 oz.



### Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 9/11/2025 8:43:31AM
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**BH03-21'**

**E509032-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2536077	
Benzene	ND	0.0250	1	09/05/25	09/07/25	
Ethylbenzene	ND	0.0250	1	09/05/25	09/07/25	
Toluene	ND	0.0250	1	09/05/25	09/07/25	
o-Xylene	ND	0.0250	1	09/05/25	09/07/25	
p,m-Xylene	ND	0.0500	1	09/05/25	09/07/25	
Total Xylenes	ND	0.0250	1	09/05/25	09/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		113 %	70-130	09/05/25	09/07/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2536077	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/25	09/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.0 %	70-130	09/05/25	09/07/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: HM		Batch: 2536078	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/05/25	09/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/05/25	09/05/25	
<i>Surrogate: n-Nonane</i>		93.6 %	61-141	09/05/25	09/05/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2536089	
Chloride	226	200	10	09/05/25	09/06/25	



### QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 9/11/2025 8:43:31AM
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#### 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 (2536077-BLK1)**

Prepared: 09/05/25 Analyzed: 09/07/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.77		8.00		110	70-130			

**LCS (2536077-BS1)**

Prepared: 09/05/25 Analyzed: 09/07/25

Benzene	4.63	0.0250	5.00		92.5	70-130			
Ethylbenzene	4.61	0.0250	5.00		92.2	70-130			
Toluene	4.60	0.0250	5.00		92.0	70-130			
o-Xylene	4.68	0.0250	5.00		93.5	70-130			
p,m-Xylene	9.33	0.0500	10.0		93.3	70-130			
Total Xylenes	14.0	0.0250	15.0		93.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.73		8.00		109	70-130			

**Matrix Spike (2536077-MS1)**

Source: E509028-01

Prepared: 09/05/25 Analyzed: 09/07/25

Benzene	4.65	0.0250	5.00	ND	93.0	70-130			
Ethylbenzene	4.64	0.0250	5.00	ND	92.8	70-130			
Toluene	4.63	0.0250	5.00	ND	92.5	70-130			
o-Xylene	4.71	0.0250	5.00	ND	94.2	70-130			
p,m-Xylene	9.39	0.0500	10.0	ND	93.9	70-130			
Total Xylenes	14.1	0.0250	15.0	ND	94.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.91		8.00		111	70-130			

**Matrix Spike Dup (2536077-MSD1)**

Source: E509028-01

Prepared: 09/05/25 Analyzed: 09/07/25

Benzene	4.81	0.0250	5.00	ND	96.2	70-130	3.41	27	
Ethylbenzene	4.81	0.0250	5.00	ND	96.2	70-130	3.61	26	
Toluene	4.78	0.0250	5.00	ND	95.7	70-130	3.34	20	
o-Xylene	4.88	0.0250	5.00	ND	97.6	70-130	3.51	25	
p,m-Xylene	9.72	0.0500	10.0	ND	97.2	70-130	3.48	23	
Total Xylenes	14.6	0.0250	15.0	ND	97.4	70-130	3.49	26	
Surrogate: 4-Bromochlorobenzene-PID	8.82		8.00		110	70-130			



### QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 9/11/2025 8:43:31AM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

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

**Blank (2536077-BLK1)**

Prepared: 09/05/25 Analyzed: 09/07/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.49		8.00		93.7	70-130			

**LCS (2536077-BS2)**

Prepared: 09/05/25 Analyzed: 09/07/25

Gasoline Range Organics (C6-C10)	53.9	20.0	50.0		108	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.64		8.00		95.4	70-130			

**Matrix Spike (2536077-MS2)**

Source: E509028-01

Prepared: 09/05/25 Analyzed: 09/07/25

Gasoline Range Organics (C6-C10)	53.8	20.0	50.0	ND	108	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.51		8.00		93.9	70-130			

**Matrix Spike Dup (2536077-MSD2)**

Source: E509028-01

Prepared: 09/05/25 Analyzed: 09/07/25

Gasoline Range Organics (C6-C10)	53.0	20.0	50.0	ND	106	70-130	1.55	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.55		8.00		94.4	70-130			



### QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 9/11/2025 8:43:31AM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2536078-BLK1)**

Prepared: 09/05/25 Analyzed: 09/05/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	46.2		50.0		92.4	61-141			

**LCS (2536078-BS1)**

Prepared: 09/05/25 Analyzed: 09/05/25

Diesel Range Organics (C10-C28)	245	25.0	250		97.9	66-144			
Surrogate: <i>n</i> -Nonane	46.4		50.0		92.9	61-141			

**Matrix Spike (2536078-MS1)**

Source: E509027-01

Prepared: 09/05/25 Analyzed: 09/05/25

Diesel Range Organics (C10-C28)	253	25.0	250	ND	101	56-156			
Surrogate: <i>n</i> -Nonane	46.3		50.0		92.7	61-141			

**Matrix Spike Dup (2536078-MSD1)**

Source: E509027-01

Prepared: 09/05/25 Analyzed: 09/05/25

Diesel Range Organics (C10-C28)	254	25.0	250	ND	102	56-156	0.373	20	
Surrogate: <i>n</i> -Nonane	45.7		50.0		91.4	61-141			



### QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 9/11/2025 8:43:31AM
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#### Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2536089-BLK1)**

Prepared: 09/05/25 Analyzed: 09/05/25

Chloride ND 20.0

**LCS (2536089-BS1)**

Prepared: 09/05/25 Analyzed: 09/05/25

Chloride 253 20.0 250 101 90-110

**Matrix Spike (2536089-MS1)**

Source: E509023-44

Prepared: 09/05/25 Analyzed: 09/05/25

Chloride 387 100 250 136 100 80-120

**Matrix Spike Dup (2536089-MSD1)**

Source: E509023-44

Prepared: 09/05/25 Analyzed: 09/05/25

Chloride 409 100 250 136 109 80-120 5.59 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:	Parkway Gathering Leak	
6488 7 Rivers Hwy	Project Number:	01058-0007	<b>Reported:</b>
Artesia NM, 88210	Project Manager:	Ashley Giovengo	09/11/25 08:43

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.





# Envirotech Analytical Laboratory

Printed: 9/5/2025 9:45:09AM

## 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:	09/05/25 08:30	Work Order ID:	E509032
Phone:	(505) 382-1211	Date Logged In:	09/04/25 15:52	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	09/11/25 07:00 (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

Carrier: Courier

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

### Comments/Resolution

### Sample Turn Around Time (TAT)

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

### Sample Cooler

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

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

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

### Sample Container

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

### Field Label

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

Work Order: E601063

Job Number: 01058-0007

Received: 1/13/2026

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
1/19/26

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: 1/19/26



Ashley Giovengo  
333 W Sheridan Avenue  
Oklahoma City, OK 73102-5010

Project Name: Parkway Gathering Leak  
Workorder: E601063  
Date Received: 1/13/2026 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/13/2026 7:00:00AM, under the Project Name: Parkway Gathering Leak.

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

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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**Southern New Mexico Area**

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**Michelle Gonzales**  
Client Representative  
Office: 505-421-LABS(5227)  
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[mgonzales@envirotech-inc.com](mailto:mgonzales@envirotech-inc.com)

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

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### Sample Summary

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 01/19/26 09:26
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS07-4	E601063-01A	Soil	01/09/26	01/13/26	Glass Jar, 2 oz.
SW06-0-4	E601063-02A	Soil	01/09/26	01/13/26	Glass Jar, 2 oz.



### Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/19/2026 9:26:40AM
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**FS07-4**

**E601063-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>		mg/kg	mg/kg	Analyst: SL		Batch: 2603043
Benzene	ND	0.0250	1	01/13/26	01/15/26	
Ethylbenzene	ND	0.0250	1	01/13/26	01/15/26	
Toluene	ND	0.0250	1	01/13/26	01/15/26	
o-Xylene	ND	0.0250	1	01/13/26	01/15/26	
p,m-Xylene	ND	0.0500	1	01/13/26	01/15/26	
Total Xylenes	ND	0.0250	1	01/13/26	01/15/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.7 %	70-130	01/13/26	01/15/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: SL		Batch: 2603043
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/13/26	01/15/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.4 %	70-130	01/13/26	01/15/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: KH		Batch: 2603067
Diesel Range Organics (C10-C28)	ND	25.0	1	01/14/26	01/14/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/14/26	01/14/26	
<i>Surrogate: n-Nonane</i>		100 %	61-141	01/14/26	01/14/26	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg	Analyst: TP		Batch: 2603056
Chloride	9470	400	20	01/13/26	01/14/26	



### Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/19/2026 9:26:40AM
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**SW06-0-4**

**E601063-02**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2603043
Benzene	ND	0.0250	1	01/13/26	01/15/26	
Ethylbenzene	ND	0.0250	1	01/13/26	01/15/26	
Toluene	ND	0.0250	1	01/13/26	01/15/26	
o-Xylene	ND	0.0250	1	01/13/26	01/15/26	
p,m-Xylene	ND	0.0500	1	01/13/26	01/15/26	
Total Xylenes	ND	0.0250	1	01/13/26	01/15/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.0 %	70-130	01/13/26	01/15/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2603043
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/13/26	01/15/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.5 %	70-130	01/13/26	01/15/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2603067
Diesel Range Organics (C10-C28)	ND	25.0	1	01/14/26	01/14/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/14/26	01/14/26	
<i>Surrogate: n-Nonane</i>		92.7 %	61-141	01/14/26	01/14/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2603056
Chloride	415	200	10	01/13/26	01/14/26	



### QC Summary Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/19/2026 9:26:40AM
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#### 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 (2603043-BLK1)

Prepared: 01/13/26 Analyzed: 01/15/26

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	8.03		8.00		100	70-130			

#### LCS (2603043-BS1)

Prepared: 01/13/26 Analyzed: 01/15/26

Benzene	6.33	0.0250	5.00		127	70-130			
Ethylbenzene	6.00	0.0250	5.00		120	70-130			
Toluene	6.20	0.0250	5.00		124	70-130			
o-Xylene	6.05	0.0250	5.00		121	70-130			
p,m-Xylene	12.2	0.0500	10.0		122	70-130			
Total Xylenes	18.2	0.0250	15.0		121	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.97		8.00		99.6	70-130			

#### Matrix Spike (2603043-MS1)

Source: E601065-04

Prepared: 01/13/26 Analyzed: 01/15/26

Benzene	5.49	0.0250	5.00	ND	110	70-130			
Ethylbenzene	5.22	0.0250	5.00	ND	104	70-130			
Toluene	5.38	0.0250	5.00	ND	108	70-130			
o-Xylene	5.25	0.0250	5.00	ND	105	70-130			
p,m-Xylene	10.6	0.0500	10.0	ND	106	70-130			
Total Xylenes	15.9	0.0250	15.0	ND	106	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.02		8.00		100	70-130			

#### Matrix Spike Dup (2603043-MSD1)

Source: E601065-04

Prepared: 01/13/26 Analyzed: 01/15/26

Benzene	6.04	0.0250	5.00	ND	121	70-130	9.50	27	
Ethylbenzene	5.76	0.0250	5.00	ND	115	70-130	9.87	26	
Toluene	5.92	0.0250	5.00	ND	118	70-130	9.61	20	
o-Xylene	5.80	0.0250	5.00	ND	116	70-130	9.91	25	
p,m-Xylene	11.7	0.0500	10.0	ND	117	70-130	9.70	23	
Total Xylenes	17.5	0.0250	15.0	ND	117	70-130	9.77	26	
Surrogate: 4-Bromochlorobenzene-PID	8.03		8.00		100	70-130			



### QC Summary Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/19/2026 9:26:40AM
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#### 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 (2603043-BLK1)**

Prepared: 01/13/26 Analyzed: 01/15/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.01		8.00		87.7	70-130			

**LCS (2603043-BS2)**

Prepared: 01/13/26 Analyzed: 01/15/26

Gasoline Range Organics (C6-C10)	59.5	20.0	50.0		119	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.05		8.00		88.2	70-130			

**Matrix Spike (2603043-MS2)**

Source: E601065-04

Prepared: 01/13/26 Analyzed: 01/15/26

Gasoline Range Organics (C6-C10)	56.0	20.0	50.0	ND	112	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.08		8.00		88.5	70-130			

**Matrix Spike Dup (2603043-MSD2)**

Source: E601065-04

Prepared: 01/13/26 Analyzed: 01/15/26

Gasoline Range Organics (C6-C10)	56.9	20.0	50.0	ND	114	70-130	1.52	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.07		8.00		88.3	70-130			



### QC Summary Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/19/2026 9:26:40AM
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#### 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 (2603067-BLK1)**

Prepared: 01/14/26 Analyzed: 01/14/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	45.5		50.0		91.1	61-141			

**LCS (2603067-BS1)**

Prepared: 01/14/26 Analyzed: 01/14/26

Diesel Range Organics (C10-C28)	240	25.0	250		95.8	66-144			
Surrogate: <i>n</i> -Nonane	46.3		50.0		92.7	61-141			

**Matrix Spike (2603067-MS1)**

Source: E601063-02

Prepared: 01/14/26 Analyzed: 01/14/26

Diesel Range Organics (C10-C28)	242	25.0	250	ND	96.7	56-156			
Surrogate: <i>n</i> -Nonane	46.4		50.0		92.8	61-141			

**Matrix Spike Dup (2603067-MSD1)**

Source: E601063-02

Prepared: 01/14/26 Analyzed: 01/14/26

Diesel Range Organics (C10-C28)	239	25.0	250	ND	95.4	56-156	1.32	20	
Surrogate: <i>n</i> -Nonane	46.2		50.0		92.3	61-141			



### QC Summary Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/19/2026 9:26:40AM
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#### Anions by EPA 300.0/9056A

Analyst: TP

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 (2603056-BLK1)**

Prepared: 01/13/26 Analyzed: 01/13/26

Chloride ND 20.0

**LCS (2603056-BS1)**

Prepared: 01/13/26 Analyzed: 01/14/26

Chloride 260 20.0 250 104 90-110

**Matrix Spike (2603056-MS1)**

Source: E601061-46

Prepared: 01/13/26 Analyzed: 01/14/26

Chloride 352 20.0 250 97.7 102 80-120

**Matrix Spike Dup (2603056-MSD1)**

Source: E601061-46

Prepared: 01/13/26 Analyzed: 01/14/26

Chloride 357 20.0 250 97.7 104 80-120 1.53 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 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 01/19/26 09:26
--	--	------------------------------------

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.





### Envirotech Analytical Laboratory

Printed: 1/13/2026 9:18:17AM

#### 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:	01/13/26 07:00	Work Order ID:	E601063
Phone:	(505) 382-1211	Date Logged In:	01/12/26 14:50	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	01/19/26 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

Carrier: Courier

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

#### Comments/Resolution

L-NS  
R-KH

#### Sample Turn Around Time (TAT)

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

#### Sample Cooler

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

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

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

#### Sample Container

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

#### Field Label

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

Work Order: E601080

Job Number: 01058-0007

Received: 1/14/2026

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
1/20/26

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: 1/20/26

Ashley Giovengo  
333 W Sheridan Avenue  
Oklahoma City, OK 73102-5010

Project Name: Parkway Gathering Leak  
Workorder: E601080  
Date Received: 1/14/2026 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/14/2026 7:00:00AM, under the Project Name: Parkway Gathering Leak.

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

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

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

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

Respectfully,

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### Sample Summary

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 01/20/26 13:20
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS01-4	E601080-01A	Soil	01/12/26	01/14/26	Glass Jar, 2 oz.
FS02-4	E601080-02A	Soil	01/12/26	01/14/26	Glass Jar, 2 oz.
FS03-4	E601080-03A	Soil	01/12/26	01/14/26	Glass Jar, 2 oz.
FS04-4	E601080-04A	Soil	01/12/26	01/14/26	Glass Jar, 2 oz.
FS15-2	E601080-05A	Soil	01/12/26	01/14/26	Glass Jar, 2 oz.



### Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/20/2026 1:20:19PM
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**FS01-4**

**E601080-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>		mg/kg	mg/kg	Analyst: SL		Batch: 2603071
Benzene	ND	0.0250	1	01/14/26	01/16/26	
Ethylbenzene	ND	0.0250	1	01/14/26	01/16/26	
Toluene	ND	0.0250	1	01/14/26	01/16/26	
o-Xylene	ND	0.0250	1	01/14/26	01/16/26	
p,m-Xylene	ND	0.0500	1	01/14/26	01/16/26	
Total Xylenes	ND	0.0250	1	01/14/26	01/16/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	01/14/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: SL		Batch: 2603071
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/14/26	01/16/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.3 %	70-130	01/14/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: NV		Batch: 2603105
Diesel Range Organics (C10-C28)	ND	25.0	1	01/15/26	01/15/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/15/26	01/15/26	
<i>Surrogate: n-Nonane</i>		101 %	61-141	01/15/26	01/15/26	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg	Analyst: TP		Batch: 2603075
Chloride	139	100	5	01/14/26	01/14/26	



### Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/20/2026 1:20:19PM
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**FS02-4**

**E601080-02**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2603071
Benzene	ND	0.0250	1	01/14/26	01/16/26	
Ethylbenzene	ND	0.0250	1	01/14/26	01/16/26	
Toluene	ND	0.0250	1	01/14/26	01/16/26	
o-Xylene	ND	0.0250	1	01/14/26	01/16/26	
p,m-Xylene	ND	0.0500	1	01/14/26	01/16/26	
Total Xylenes	ND	0.0250	1	01/14/26	01/16/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	01/14/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2603071
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/14/26	01/16/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.3 %	70-130	01/14/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2603105
Diesel Range Organics (C10-C28)	ND	25.0	1	01/15/26	01/15/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/15/26	01/15/26	
<i>Surrogate: n-Nonane</i>		96.6 %	61-141	01/15/26	01/15/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2603075
Chloride	7730	400	20	01/14/26	01/14/26	



### Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/20/2026 1:20:19PM
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**FS03-4**

**E601080-03**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2603071
Benzene	ND	0.0250	1	01/14/26	01/16/26	
Ethylbenzene	ND	0.0250	1	01/14/26	01/16/26	
Toluene	ND	0.0250	1	01/14/26	01/16/26	
o-Xylene	ND	0.0250	1	01/14/26	01/16/26	
p,m-Xylene	ND	0.0500	1	01/14/26	01/16/26	
Total Xylenes	ND	0.0250	1	01/14/26	01/16/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	01/14/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2603071
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/14/26	01/16/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.5 %	70-130	01/14/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2603105
Diesel Range Organics (C10-C28)	ND	25.0	1	01/15/26	01/15/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/15/26	01/15/26	
<i>Surrogate: n-Nonane</i>		101 %	61-141	01/15/26	01/15/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2603075
Chloride	11400	400	20	01/14/26	01/14/26	



### Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/20/2026 1:20:19PM
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**FS04-4**

**E601080-04**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2603071
Benzene	ND	0.0250	1	01/14/26	01/16/26	
Ethylbenzene	ND	0.0250	1	01/14/26	01/16/26	
Toluene	ND	0.0250	1	01/14/26	01/16/26	
o-Xylene	ND	0.0250	1	01/14/26	01/16/26	
p,m-Xylene	ND	0.0500	1	01/14/26	01/16/26	
Total Xylenes	ND	0.0250	1	01/14/26	01/16/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	01/14/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2603071
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/14/26	01/16/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		88.6 %	70-130	01/14/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2603105
Diesel Range Organics (C10-C28)	ND	25.0	1	01/15/26	01/15/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/15/26	01/15/26	
<i>Surrogate: n-Nonane</i>						
		98.4 %	61-141	01/15/26	01/15/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2603075
Chloride	8950	200	10	01/14/26	01/14/26	



### Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/20/2026 1:20:19PM
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**FS15-2**

**E601080-05**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2603071
Benzene	ND	0.0250	1	01/14/26	01/16/26	
Ethylbenzene	ND	0.0250	1	01/14/26	01/16/26	
Toluene	ND	0.0250	1	01/14/26	01/16/26	
o-Xylene	ND	0.0250	1	01/14/26	01/16/26	
p,m-Xylene	ND	0.0500	1	01/14/26	01/16/26	
Total Xylenes	ND	0.0250	1	01/14/26	01/16/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	01/14/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2603071
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/14/26	01/16/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		87.8 %	70-130	01/14/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2603105
Diesel Range Organics (C10-C28)	ND	25.0	1	01/15/26	01/15/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/15/26	01/15/26	
<i>Surrogate: n-Nonane</i>						
		100 %	61-141	01/15/26	01/15/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2603075
Chloride	284	20.0	1	01/14/26	01/14/26	



### QC Summary Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/20/2026 1:20:19PM
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#### 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 (2603071-BLK1)

Prepared: 01/14/26 Analyzed: 01/15/26

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	8.37		8.00		105	70-130			

#### LCS (2603071-BS1)

Prepared: 01/14/26 Analyzed: 01/15/26

Benzene	5.02	0.0250	5.00		100	70-130			
Ethylbenzene	4.75	0.0250	5.00		95.1	70-130			
Toluene	4.92	0.0250	5.00		98.4	70-130			
o-Xylene	4.90	0.0250	5.00		97.9	70-130			
p,m-Xylene	9.70	0.0500	10.0		97.0	70-130			
Total Xylenes	14.6	0.0250	15.0		97.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.36		8.00		105	70-130			

#### Matrix Spike (2603071-MS1)

Source: E601081-02

Prepared: 01/14/26 Analyzed: 01/15/26

Benzene	5.52	0.0250	5.00	ND	110	70-130			
Ethylbenzene	5.26	0.0250	5.00	ND	105	70-130			
Toluene	5.41	0.0250	5.00	ND	108	70-130			
o-Xylene	5.33	0.0250	5.00	ND	107	70-130			
p,m-Xylene	10.7	0.0500	10.0	ND	107	70-130			
Total Xylenes	16.0	0.0250	15.0	ND	107	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.34		8.00		104	70-130			

#### Matrix Spike Dup (2603071-MSD1)

Source: E601081-02

Prepared: 01/14/26 Analyzed: 01/15/26

Benzene	5.69	0.0250	5.00	ND	114	70-130	3.07	27	
Ethylbenzene	5.43	0.0250	5.00	ND	109	70-130	3.15	26	
Toluene	5.58	0.0250	5.00	ND	112	70-130	2.94	20	
o-Xylene	5.50	0.0250	5.00	ND	110	70-130	3.13	25	
p,m-Xylene	11.0	0.0500	10.0	ND	110	70-130	3.13	23	
Total Xylenes	16.5	0.0250	15.0	ND	110	70-130	3.13	26	
Surrogate: 4-Bromochlorobenzene-PID	8.29		8.00		104	70-130			



### QC Summary Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/20/2026 1:20:19PM
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#### 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 (2603071-BLK1)**

Prepared: 01/14/26 Analyzed: 01/15/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.95		8.00		86.8	70-130			

**LCS (2603071-BS2)**

Prepared: 01/14/26 Analyzed: 01/15/26

Gasoline Range Organics (C6-C10)	59.3	20.0	50.0		119	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.02		8.00		87.7	70-130			

**Matrix Spike (2603071-MS2)**

Source: E601081-02

Prepared: 01/14/26 Analyzed: 01/15/26

Gasoline Range Organics (C6-C10)	56.8	20.0	50.0	ND	114	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.14		8.00		89.2	70-130			

**Matrix Spike Dup (2603071-MSD2)**

Source: E601081-02

Prepared: 01/14/26 Analyzed: 01/16/26

Gasoline Range Organics (C6-C10)	59.7	20.0	50.0	ND	119	70-130	4.98	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.12		8.00		89.0	70-130			



### QC Summary Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/20/2026 1:20:19PM
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#### 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 (2603105-BLK1)**

Prepared: 01/15/26 Analyzed: 01/15/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	48.7		50.0		97.4	61-141			

**LCS (2603105-BS1)**

Prepared: 01/15/26 Analyzed: 01/15/26

Diesel Range Organics (C10-C28)	250	25.0	250		100	66-144			
Surrogate: <i>n</i> -Nonane	49.6		50.0		99.2	61-141			

**Matrix Spike (2603105-MS1)**

Source: E601080-04

Prepared: 01/15/26 Analyzed: 01/15/26

Diesel Range Organics (C10-C28)	261	25.0	250	ND	104	56-156			
Surrogate: <i>n</i> -Nonane	51.1		50.0		102	61-141			

**Matrix Spike Dup (2603105-MSD1)**

Source: E601080-04

Prepared: 01/15/26 Analyzed: 01/15/26

Diesel Range Organics (C10-C28)	259	25.0	250	ND	104	56-156	0.636	20	
Surrogate: <i>n</i> -Nonane	50.3		50.0		101	61-141			



### QC Summary Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/20/2026 1:20:19PM
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#### Anions by EPA 300.0/9056A

Analyst: TP

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 (2603075-BLK1)**

Prepared: 01/14/26 Analyzed: 01/14/26

Chloride ND 20.0

**LCS (2603075-BS1)**

Prepared: 01/14/26 Analyzed: 01/14/26

Chloride 252 20.0 250 101 90-110

**Matrix Spike (2603075-MS1)**

Source: E601080-05

Prepared: 01/14/26 Analyzed: 01/14/26

Chloride 539 20.0 250 284 102 80-120

**Matrix Spike Dup (2603075-MSD1)**

Source: E601080-05

Prepared: 01/14/26 Analyzed: 01/14/26

Chloride 539 20.0 250 284 102 80-120 0.139 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 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 01/20/26 13:20
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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: Parkway Gathering Leak				Address: 5315 Buena Vista Dr				E601080		010580007					X	X																																																																																																																																																																											
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220				<table border="1"> <thead> <tr> <th colspan="8">Analysis and Method</th> <th colspan="4">EPA Program</th> </tr> <tr> <td rowspan="2">DRO/DRO by 8015</td> <td rowspan="2">GRO/DRO by 8015</td> <td rowspan="2">BTEX by 8021</td> <td rowspan="2">VOC by 8260</td> <td rowspan="2">Chloride 300.0</td> <td rowspan="2">TCEQ 1005 - TX</td> <td rowspan="2">RCRA 8 Metals</td> <td rowspan="2">BGDOC - NM</td> <td rowspan="2">BGDOC - TX</td> <td>SDWA</td> <td>CWA</td> <td colspan="2">RCRA</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="8"></td> <td>Compliance</td> <td>Y</td> <td>or</td> <td>N</td> </tr> <tr> <td colspan="8"></td> <td>PWSID #</td> <td colspan="4"></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Sample Temp</td> <td colspan="4">Remarks</td> </tr> </thead> <tbody> <tr> <td>0925</td> <td>1/12/2026</td> <td>S</td> <td>1</td> <td>FS01-4</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>2.1</td> <td></td> </tr> <tr> <td>0926</td> <td>1/12/2026</td> <td>S</td> <td>1</td> <td>FS02-4</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>2.4</td> <td></td> </tr> <tr> <td>0928</td> <td>1/12/2026</td> <td>S</td> <td>1</td> <td>FS03-4</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1.5</td> <td></td> </tr> <tr> <td>0931</td> <td>1/12/2026</td> <td>S</td> <td>1</td> <td>FS04-4</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>2.1</td> <td></td> </tr> <tr> <td>1326</td> <td>1/12/2026</td> <td>S</td> <td>1</td> <td>FS15-2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>3.6</td> <td></td> </tr> </tbody> </table>								Analysis and Method								EPA Program				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														Compliance	Y	or	N									PWSID #													Sample Temp	Remarks				0925	1/12/2026	S	1	FS01-4															2.1		0926	1/12/2026	S	1	FS02-4															2.4		0928	1/12/2026	S	1	FS03-4															1.5		0931	1/12/2026	S	1	FS04-4															2.1		1326	1/12/2026	S	1	FS15-2															3.6	
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City, State, Zip: Carlsbad NM, 88220				Email: jim.raley@dvn.com																																																																																																																																																																																							
Phone: 575-988-0055				Miscellaneous: Jim Raley																																																																																																																																																																																							
Email: agiovengo@ensolum.com																																																																																																																																																																																											
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<b>Additional Instructions:</b> Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dvn.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@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: Eric Plugge																																																																																																																																																																																											
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																																																																																																																																																																																					
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<i>[Signature]</i>	1-13-26	2230	Nae Seb	1-14-26	0700																																																																																																																																																																																						
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: 1/14/2026 9:39:50AM

#### 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:	01/14/26 07:00	Work Order ID:	E601080
Phone:	(505) 382-1211	Date Logged In:	01/13/26 15:58	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	01/20/26 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

Carrier: Courier

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

#### Comments/Resolution

L-NS  
R-DT

#### Sample Turn Around Time (TAT)

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

#### Sample Cooler

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

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

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

#### Sample Container

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

#### Field Label

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

Work Order: E601100

Job Number: 01058-0007

Received: 1/15/2026

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
1/21/26

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: 1/21/26

Ashley Giovengo  
333 W Sheridan Avenue  
Oklahoma City, OK 73102-5010

Project Name: Parkway Gathering Leak  
Workorder: E601100  
Date Received: 1/15/2026 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/15/2026 8:00:00AM, under the Project Name: Parkway Gathering Leak.

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

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

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**Michelle Gonzales**  
Client Representative  
Office: 505-421-LABS(5227)  
Cell: 505-947-8222  
[mgonzales@envirotech-inc.com](mailto:mgonzales@envirotech-inc.com)

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

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### Sample Summary

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 01/21/26 08:51
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS05-4	E601100-01A	Soil	01/13/26	01/15/26	Glass Jar, 2 oz.
FS06-4	E601100-02A	Soil	01/13/26	01/15/26	Glass Jar, 2 oz.
FS08-4	E601100-03A	Soil	01/13/26	01/15/26	Glass Jar, 2 oz.
FS09-4	E601100-04A	Soil	01/13/26	01/15/26	Glass Jar, 2 oz.
FS10-4	E601100-05A	Soil	01/13/26	01/15/26	Glass Jar, 2 oz.
FS11-4	E601100-06A	Soil	01/13/26	01/15/26	Glass Jar, 2 oz.
FS12-4	E601100-07A	Soil	01/13/26	01/15/26	Glass Jar, 2 oz.
FS13-2	E601100-08A	Soil	01/13/26	01/15/26	Glass Jar, 2 oz.
FS14-2	E601100-09A	Soil	01/13/26	01/15/26	Glass Jar, 2 oz.
SW01-0-4	E601100-10A	Soil	01/13/26	01/15/26	Glass Jar, 2 oz.
SW02-0-4	E601100-11A	Soil	01/13/26	01/15/26	Glass Jar, 2 oz.
SW03-0-4	E601100-12A	Soil	01/13/26	01/15/26	Glass Jar, 2 oz.
SW04-0-4	E601100-13A	Soil	01/13/26	01/15/26	Glass Jar, 2 oz.
SW05-0-4	E601100-14A	Soil	01/13/26	01/15/26	Glass Jar, 2 oz.
SW07-0-4	E601100-15A	Soil	01/13/26	01/15/26	Glass Jar, 2 oz.

### Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 8:51:16AM
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**FS05-4**

**E601100-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2603119
Benzene	ND	0.0250	1	01/15/26	01/16/26	
Ethylbenzene	ND	0.0250	1	01/15/26	01/16/26	
Toluene	ND	0.0250	1	01/15/26	01/16/26	
o-Xylene	ND	0.0250	1	01/15/26	01/16/26	
p,m-Xylene	ND	0.0500	1	01/15/26	01/16/26	
Total Xylenes	ND	0.0250	1	01/15/26	01/16/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		107 %	70-130	01/15/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2603119
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/15/26	01/16/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		113 %	70-130	01/15/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2603129
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/26	01/16/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/26	01/16/26	
<i>Surrogate: n-Nonane</i>						
		95.9 %	61-141	01/16/26	01/16/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2603113
Chloride	<b>8180</b>	400	20	01/15/26	01/16/26	



### Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 8:51:16AM
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**FS06-4**

**E601100-02**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2603119
Benzene	ND	0.0250	1	01/15/26	01/16/26	
Ethylbenzene	ND	0.0250	1	01/15/26	01/16/26	
Toluene	ND	0.0250	1	01/15/26	01/16/26	
o-Xylene	ND	0.0250	1	01/15/26	01/16/26	
p,m-Xylene	ND	0.0500	1	01/15/26	01/16/26	
Total Xylenes	ND	0.0250	1	01/15/26	01/16/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		108 %	70-130	01/15/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2603119
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/15/26	01/16/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		111 %	70-130	01/15/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2603129
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/26	01/16/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/26	01/16/26	
<i>Surrogate: n-Nonane</i>		98.0 %	61-141	01/16/26	01/16/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2603113
Chloride	9410	400	20	01/15/26	01/16/26	



### Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 8:51:16AM
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**FS08-4**

**E601100-03**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2603119
Benzene	ND	0.0250	1	01/15/26	01/16/26	
Ethylbenzene	ND	0.0250	1	01/15/26	01/16/26	
Toluene	ND	0.0250	1	01/15/26	01/16/26	
o-Xylene	ND	0.0250	1	01/15/26	01/16/26	
p,m-Xylene	ND	0.0500	1	01/15/26	01/16/26	
Total Xylenes	ND	0.0250	1	01/15/26	01/16/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		108 %	70-130	01/15/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2603119
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/15/26	01/16/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		112 %	70-130	01/15/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2603129
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/26	01/16/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/26	01/16/26	
<i>Surrogate: n-Nonane</i>						
		96.9 %	61-141	01/16/26	01/16/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2603113
Chloride	9060	400	20	01/15/26	01/16/26	



### Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 8:51:16AM
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**FS09-4**

**E601100-04**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2603119
Benzene	ND	0.0250	1	01/15/26	01/16/26	
Ethylbenzene	ND	0.0250	1	01/15/26	01/16/26	
Toluene	ND	0.0250	1	01/15/26	01/16/26	
o-Xylene	ND	0.0250	1	01/15/26	01/16/26	
p,m-Xylene	ND	0.0500	1	01/15/26	01/16/26	
Total Xylenes	ND	0.0250	1	01/15/26	01/16/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		109 %	70-130	01/15/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2603119
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/15/26	01/16/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		111 %	70-130	01/15/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2603129
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/26	01/16/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/26	01/16/26	
<i>Surrogate: n-Nonane</i>						
		98.0 %	61-141	01/16/26	01/16/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2603113
Chloride	9800	200	10	01/15/26	01/16/26	



### Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 8:51:16AM
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**FS10-4**

**E601100-05**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2603119
Benzene	ND	0.0250	1	01/15/26	01/16/26	
Ethylbenzene	ND	0.0250	1	01/15/26	01/16/26	
Toluene	ND	0.0250	1	01/15/26	01/16/26	
o-Xylene	ND	0.0250	1	01/15/26	01/16/26	
p,m-Xylene	ND	0.0500	1	01/15/26	01/16/26	
Total Xylenes	ND	0.0250	1	01/15/26	01/16/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		107 %	70-130	01/15/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2603119
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/15/26	01/16/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		114 %	70-130	01/15/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2603129
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/26	01/16/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/26	01/16/26	
<i>Surrogate: n-Nonane</i>		98.6 %	61-141	01/16/26	01/16/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2603113
Chloride	8970	400	20	01/15/26	01/16/26	



### Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 8:51:16AM
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**FS11-4**

**E601100-06**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2603119
Benzene	ND	0.0250	1	01/15/26	01/16/26	
Ethylbenzene	ND	0.0250	1	01/15/26	01/16/26	
Toluene	ND	0.0250	1	01/15/26	01/16/26	
o-Xylene	ND	0.0250	1	01/15/26	01/16/26	
p,m-Xylene	ND	0.0500	1	01/15/26	01/16/26	
Total Xylenes	ND	0.0250	1	01/15/26	01/16/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		109 %	70-130	01/15/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2603119
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/15/26	01/16/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		114 %	70-130	01/15/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2603129
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/26	01/16/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/26	01/16/26	
<i>Surrogate: n-Nonane</i>						
		101 %	61-141	01/16/26	01/16/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2603113
Chloride	10000	400	20	01/15/26	01/16/26	



### Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 8:51:16AM
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**FS12-4**

**E601100-07**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2603119
Benzene	ND	0.0250	1	01/15/26	01/16/26	
Ethylbenzene	ND	0.0250	1	01/15/26	01/16/26	
Toluene	ND	0.0250	1	01/15/26	01/16/26	
o-Xylene	ND	0.0250	1	01/15/26	01/16/26	
p,m-Xylene	ND	0.0500	1	01/15/26	01/16/26	
Total Xylenes	ND	0.0250	1	01/15/26	01/16/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		106 %	70-130	01/15/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2603119
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/15/26	01/16/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		114 %	70-130	01/15/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2603129
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/26	01/16/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/26	01/16/26	
<i>Surrogate: n-Nonane</i>						
		103 %	61-141	01/16/26	01/16/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2603113
Chloride	ND	200	10	01/15/26	01/16/26	



### Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 8:51:16AM
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**FS13-2**

**E601100-08**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2603119
Benzene	ND	0.0250	1	01/15/26	01/16/26	
Ethylbenzene	ND	0.0250	1	01/15/26	01/16/26	
Toluene	ND	0.0250	1	01/15/26	01/16/26	
o-Xylene	ND	0.0250	1	01/15/26	01/16/26	
p,m-Xylene	ND	0.0500	1	01/15/26	01/16/26	
Total Xylenes	ND	0.0250	1	01/15/26	01/16/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		108 %	70-130	01/15/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: MB		Batch: 2603119
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/15/26	01/16/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		113 %	70-130	01/15/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2603129
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/26	01/16/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/26	01/16/26	
<i>Surrogate: n-Nonane</i>		99.3 %	61-141	01/16/26	01/16/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2603113
Chloride	686	100	5	01/15/26	01/16/26	



### Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 8:51:16AM
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**FS14-2**

**E601100-09**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2603119
Benzene	ND	0.0250	1	01/15/26	01/16/26	
Ethylbenzene	ND	0.0250	1	01/15/26	01/16/26	
Toluene	ND	0.0250	1	01/15/26	01/16/26	
o-Xylene	ND	0.0250	1	01/15/26	01/16/26	
p,m-Xylene	ND	0.0500	1	01/15/26	01/16/26	
Total Xylenes	ND	0.0250	1	01/15/26	01/16/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	01/15/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2603119
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/15/26	01/16/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		114 %	70-130	01/15/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2603129
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/26	01/16/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/26	01/16/26	
<i>Surrogate: n-Nonane</i>						
		97.2 %	61-141	01/16/26	01/16/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2603113
Chloride	215	20.0	1	01/15/26	01/16/26	



### Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 8:51:16AM
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**SW01-0-4**

**E601100-10**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2603119
Benzene	ND	0.0250	1	01/15/26	01/16/26	
Ethylbenzene	ND	0.0250	1	01/15/26	01/16/26	
Toluene	ND	0.0250	1	01/15/26	01/16/26	
o-Xylene	ND	0.0250	1	01/15/26	01/16/26	
p,m-Xylene	ND	0.0500	1	01/15/26	01/16/26	
Total Xylenes	ND	0.0250	1	01/15/26	01/16/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		106 %	70-130	01/15/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2603119
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/15/26	01/16/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		116 %	70-130	01/15/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2603129
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/26	01/16/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/26	01/16/26	
<i>Surrogate: n-Nonane</i>		99.9 %	61-141	01/16/26	01/16/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2603113
Chloride	ND	100	5	01/15/26	01/16/26	



### Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 8:51:16AM
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**SW02-0-4**

**E601100-11**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2603119
Benzene	ND	0.0250	1	01/15/26	01/16/26	
Ethylbenzene	ND	0.0250	1	01/15/26	01/16/26	
Toluene	ND	0.0250	1	01/15/26	01/16/26	
o-Xylene	ND	0.0250	1	01/15/26	01/16/26	
p,m-Xylene	ND	0.0500	1	01/15/26	01/16/26	
Total Xylenes	ND	0.0250	1	01/15/26	01/16/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		107 %	70-130	01/15/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2603119
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/15/26	01/16/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		113 %	70-130	01/15/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2603129
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/26	01/16/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/26	01/16/26	
<i>Surrogate: n-Nonane</i>						
		106 %	61-141	01/16/26	01/16/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2603113
Chloride	ND	40.0	2	01/15/26	01/16/26	



### Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 8:51:16AM
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**SW03-0-4**

**E601100-12**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2603119
Benzene	ND	0.0250	1	01/15/26	01/16/26	
Ethylbenzene	ND	0.0250	1	01/15/26	01/16/26	
Toluene	ND	0.0250	1	01/15/26	01/16/26	
o-Xylene	ND	0.0250	1	01/15/26	01/16/26	
p,m-Xylene	ND	0.0500	1	01/15/26	01/16/26	
Total Xylenes	ND	0.0250	1	01/15/26	01/16/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		108 %	70-130	01/15/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2603119
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/15/26	01/16/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		115 %	70-130	01/15/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2603129
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/26	01/16/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/26	01/16/26	
<i>Surrogate: n-Nonane</i>						
		99.5 %	61-141	01/16/26	01/16/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2603113
Chloride	70.6	40.0	2	01/15/26	01/16/26	



### Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 8:51:16AM
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**SW04-0-4**

**E601100-13**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2603119
Benzene	ND	0.0250	1	01/15/26	01/16/26	
Ethylbenzene	ND	0.0250	1	01/15/26	01/16/26	
Toluene	ND	0.0250	1	01/15/26	01/16/26	
o-Xylene	ND	0.0250	1	01/15/26	01/16/26	
p,m-Xylene	ND	0.0500	1	01/15/26	01/16/26	
Total Xylenes	ND	0.0250	1	01/15/26	01/16/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		108 %	70-130	01/15/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2603119
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/15/26	01/16/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		116 %	70-130	01/15/26	01/16/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2603129
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/26	01/16/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/26	01/16/26	
<i>Surrogate: n-Nonane</i>		99.3 %	61-141	01/16/26	01/16/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2603113
Chloride	ND	100	5	01/15/26	01/16/26	



### Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 8:51:16AM
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**SW05-0-4**

**E601100-14**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2603119
Benzene	ND	0.0250	1	01/15/26	01/17/26	
Ethylbenzene	ND	0.0250	1	01/15/26	01/17/26	
Toluene	ND	0.0250	1	01/15/26	01/17/26	
o-Xylene	ND	0.0250	1	01/15/26	01/17/26	
p,m-Xylene	ND	0.0500	1	01/15/26	01/17/26	
Total Xylenes	ND	0.0250	1	01/15/26	01/17/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		109 %	70-130	01/15/26	01/17/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2603119
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/15/26	01/17/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		115 %	70-130	01/15/26	01/17/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2603129
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/26	01/16/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/26	01/16/26	
<i>Surrogate: n-Nonane</i>						
		106 %	61-141	01/16/26	01/16/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2603113
Chloride	ND	100	5	01/15/26	01/16/26	



### Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 8:51:16AM
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**SW07-0-4**

**E601100-15**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2603119
Benzene	ND	0.0250	1	01/15/26	01/17/26	
Ethylbenzene	ND	0.0250	1	01/15/26	01/17/26	
Toluene	ND	0.0250	1	01/15/26	01/17/26	
o-Xylene	ND	0.0250	1	01/15/26	01/17/26	
p,m-Xylene	ND	0.0500	1	01/15/26	01/17/26	
Total Xylenes	ND	0.0250	1	01/15/26	01/17/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		109 %	70-130	01/15/26	01/17/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: MB		Batch: 2603119
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/15/26	01/17/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		114 %	70-130	01/15/26	01/17/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2603129
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/26	01/17/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/26	01/17/26	
<i>Surrogate: n-Nonane</i>						
		101 %	61-141	01/16/26	01/17/26	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2603113
Chloride	132	20.0	1	01/15/26	01/16/26	



### QC Summary Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 8:51:16AM
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#### Volatile Organics by EPA 8021B

Analyst: MB

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 (2603119-BLK1)

Prepared: 01/15/26 Analyzed: 01/16/26

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	8.21		8.00		103	70-130			

#### LCS (2603119-BS1)

Prepared: 01/15/26 Analyzed: 01/16/26

Benzene	4.31	0.0250	5.00		86.2	70-130			
Ethylbenzene	4.07	0.0250	5.00		81.4	70-130			
Toluene	4.25	0.0250	5.00		85.0	70-130			
o-Xylene	4.12	0.0250	5.00		82.5	70-130			
p,m-Xylene	8.31	0.0500	10.0		83.1	70-130			
Total Xylenes	12.4	0.0250	15.0		82.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.39		8.00		105	70-130			

#### Matrix Spike (2603119-MS1)

Source: E601100-09

Prepared: 01/15/26 Analyzed: 01/16/26

Benzene	4.85	0.0250	5.00	ND	97.1	70-130			
Ethylbenzene	4.58	0.0250	5.00	ND	91.6	70-130			
Toluene	4.78	0.0250	5.00	ND	95.7	70-130			
o-Xylene	4.65	0.0250	5.00	ND	93.1	70-130			
p,m-Xylene	9.35	0.0500	10.0	ND	93.5	70-130			
Total Xylenes	14.0	0.0250	15.0	ND	93.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.58		8.00		107	70-130			

#### Matrix Spike Dup (2603119-MSD1)

Source: E601100-09

Prepared: 01/15/26 Analyzed: 01/16/26

Benzene	4.83	0.0250	5.00	ND	96.6	70-130	0.543	27	
Ethylbenzene	4.58	0.0250	5.00	ND	91.6	70-130	0.0327	26	
Toluene	4.77	0.0250	5.00	ND	95.3	70-130	0.341	20	
o-Xylene	4.64	0.0250	5.00	ND	92.8	70-130	0.271	25	
p,m-Xylene	9.35	0.0500	10.0	ND	93.5	70-130	0.0460	23	
Total Xylenes	14.0	0.0250	15.0	ND	93.3	70-130	0.0593	26	
Surrogate: 4-Bromochlorobenzene-PID	8.59		8.00		107	70-130			



### QC Summary Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 8:51:16AM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: MB

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 (2603119-BLK1)**

Prepared: 01/15/26 Analyzed: 01/16/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.15		8.00		114	70-130			

**LCS (2603119-BS2)**

Prepared: 01/15/26 Analyzed: 01/16/26

Gasoline Range Organics (C6-C10)	41.7	20.0	50.0		83.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.03		8.00		113	70-130			

**Matrix Spike (2603119-MS2)**

Source: E601100-09

Prepared: 01/15/26 Analyzed: 01/16/26

Gasoline Range Organics (C6-C10)	45.1	20.0	50.0	ND	90.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.88		8.00		111	70-130			

**Matrix Spike Dup (2603119-MSD2)**

Source: E601100-09

Prepared: 01/15/26 Analyzed: 01/16/26

Gasoline Range Organics (C6-C10)	44.8	20.0	50.0	ND	89.5	70-130	0.657	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.06		8.00		113	70-130			



### QC Summary Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 8:51:16AM
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#### 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 (2603129-BLK1)**

Prepared: 01/16/26 Analyzed: 01/16/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	48.6		50.0		97.2	61-141			

**LCS (2603129-BS1)**

Prepared: 01/16/26 Analyzed: 01/16/26

Diesel Range Organics (C10-C28)	234	25.0	250		93.6	66-144			
Surrogate: <i>n</i> -Nonane	48.4		50.0		96.7	61-141			

**Matrix Spike (2603129-MS1)**

Source: E601100-01

Prepared: 01/16/26 Analyzed: 01/16/26

Diesel Range Organics (C10-C28)	249	25.0	250	ND	99.7	56-156			
Surrogate: <i>n</i> -Nonane	50.7		50.0		101	61-141			

**Matrix Spike Dup (2603129-MSD1)**

Source: E601100-01

Prepared: 01/16/26 Analyzed: 01/16/26

Diesel Range Organics (C10-C28)	244	25.0	250	ND	97.5	56-156	2.24	20	
Surrogate: <i>n</i> -Nonane	49.7		50.0		99.4	61-141			



### QC Summary Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/21/2026 8:51:16AM
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#### Anions by EPA 300.0/9056A

Analyst: TP

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 (2603113-BLK1)**

Prepared: 01/15/26 Analyzed: 01/16/26

Chloride	ND	20.0							
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**LCS (2603113-BS1)**

Prepared: 01/15/26 Analyzed: 01/16/26

Chloride	259	20.0	250		104	90-110			
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**Matrix Spike (2603113-MS1)**

Source: E601100-06

Prepared: 01/15/26 Analyzed: 01/16/26

Chloride	11100	400	250	10000	433	80-120			M4
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**Matrix Spike Dup (2603113-MSD1)**

Source: E601100-06

Prepared: 01/15/26 Analyzed: 01/16/26

Chloride	10300	400	250	10000	106	80-120	7.65	20	
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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 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 01/21/26 08:51
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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.



<b>Client Information</b>				<b>Invoice Information</b>				<b>Lab Use Only</b>				<b>TAT</b>				<b>State</b>			
Client: Devon				Company: Devon Energy				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project: Parkway Gathering Leak				Address: 5315 Buena Vista Dr				E001100		01059-0007					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@dvn.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/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TEEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
0947	1/13/2026	S	1	FS05-4			1								X					
0944	1/13/2026	S	1	FS06-4			2								X					
0951	1/13/2026	S	1	FS08-4			3								X					
0944	1/13/2026	S	1	FS09-4			4								X					
0945	1/13/2026	S	1	FS10-4			5								X					
1057	1/13/2026	S	1	FS11-4			6								X					
1111	1/13/2026	S	1	FS12-4			7								X					
1110	1/13/2026	S	1	FS13-2			8								X					
1139	1/13/2026	S	1	FS14-2			9								X					
1124	1/13/2026	S	1	SW01-0-4			10								X					

**Additional Instructions:** Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dvn.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@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: Eric Plugge

Relinquished by: (Signature) <i>EP</i>	Date: 1/14/26	Time: 7:11	Received by: (Signature) <i>Michelle Gonzales</i>	Date: 1-14-26	Time: 0711	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.
Relinquished by: (Signature) <i>Michelle Gonzales</i>	Date: 1-14-26	Time: 1445	Received by: (Signature) <i>Marissa Gonzales</i>	Date: 1-14-26	Time: 1445	
Relinquished by: (Signature) <i>Marissa Gonzales</i>	Date: 1-14-26	Time: 1920	Received by: (Signature) <i>Eric Plugge</i>	Date: 1-14-26	Time: 1920	
Relinquished by: (Signature) <i>Eric Plugge</i>	Date: 1-14-26	Time: 2315	Received by: (Signature) <i>Christy Harv</i>	Date: 1-15-26	Time: 800	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:	Lab Use Only Received on ice: (Y) N

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#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project: Parkway Gathering Leak				Address: 5315 Buena Vista Dr				E1201100		01058007					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@dvn.com															
Phone: 575-988-0055				Miscellaneous: Jim Raley															
Email: agiovengo@ensolum.com																			
Sample Information																			
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	Sample Temp	Remarks		
1044	1/13/2026	S	1	SW02-0-4		11								X		1.9			
1035	1/13/2026	S	1	SW03-0-4		12								X		1.3			
1036	1/13/2026	S	1	SW04-0-4		13								X		3.4			
1045	1/13/2026	S	1	SW05-0-4		14								X		1.4			
1109	1/13/2026	S	1	SW07-0-4		15								X		2.2			
<b>Additional Instructions:</b> Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dvn.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@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: Eric Plugge																			
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="checkbox"/> N													
<i>af</i>	1/14/26	7:11	Michelle Gonzales	1-14-26	6711														
Michelle Gonzales	1-14-26	1445	Marissa Gonzales	1-14-26	1445														
Marissa Gonzales	1-14-26	1920	<i>[Signature]</i>	1-14-26	1920														
<i>[Signature]</i>	1-14-26	2315	Christy Harv	1-15-26	800														
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: 1/15/2026 10:21:29AM

**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: 01/15/26 08:00	Work Order ID: E601100
Phone: (505) 382-1211	Date Logged In: 01/14/26 15:54	Logged In By: Caitlin Mars
Email: agiovengo@ensolum.com	Due Date: 01/21/26 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

Carrier: Courier

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

**Sample Turn Around Time (TAT)**

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

**Sample Cooler**

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

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

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

**Sample Container**

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

**Field Label**

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

**Comments/Resolution**

L-CM  
R-NV

**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: Parkway Gathering Leak

Work Order: E601135

Job Number: 01058-0007

Received: 1/19/2026

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
1/22/26

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: 1/22/26



Ashley Giovengo  
333 W Sheridan Avenue  
Oklahoma City, OK 73102-5010

Project Name: Parkway Gathering Leak  
Workorder: E601135  
Date Received: 1/19/2026 5:45:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/19/2026 5:45:00AM, under the Project Name: Parkway Gathering Leak.

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

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
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[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

Field Offices:

**Southern New Mexico Area**

**Lynn Jarboe**  
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**Michelle Gonzales**  
Client Representative  
Office: 505-421-LABS(5227)  
Cell: 505-947-8222  
[mgonzales@envirotech-inc.com](mailto:mgonzales@envirotech-inc.com)

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

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### Sample Summary

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 01/22/26 08:29
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BF01	E601135-01A	Soil	01/15/26	01/19/26	Glass Jar, 2 oz.



### Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/22/2026 8:29:37AM
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**BF01**

**E601135-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>		mg/kg	mg/kg	Analyst: BA		Batch: 2604004
Benzene	ND	0.0250	1	01/19/26	01/19/26	
Ethylbenzene	ND	0.0250	1	01/19/26	01/19/26	
Toluene	ND	0.0250	1	01/19/26	01/19/26	
o-Xylene	ND	0.0250	1	01/19/26	01/19/26	
p,m-Xylene	ND	0.0500	1	01/19/26	01/19/26	
Total Xylenes	ND	0.0250	1	01/19/26	01/19/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.5 %	70-130	01/19/26	01/19/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: BA		Batch: 2604004
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/19/26	01/19/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.1 %	70-130	01/19/26	01/19/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: HM		Batch: 2604003
Diesel Range Organics (C10-C28)	ND	25.0	1	01/19/26	01/19/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/19/26	01/19/26	
<i>Surrogate: n-Nonane</i>		87.8 %	61-141	01/19/26	01/19/26	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg	Analyst: DT		Batch: 2604009
Chloride	31.4	20.0	1	01/19/26	01/19/26	



### QC Summary Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/22/2026 8:29:37AM
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#### 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 (2604004-BLK1)

Prepared: 01/19/26 Analyzed: 01/19/26

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	7.50		8.00		93.7	70-130			

#### LCS (2604004-BS1)

Prepared: 01/19/26 Analyzed: 01/19/26

Benzene	4.91	0.0250	5.00		98.2	70-130			
Ethylbenzene	4.63	0.0250	5.00		92.6	70-130			
Toluene	4.83	0.0250	5.00		96.6	70-130			
o-Xylene	4.70	0.0250	5.00		94.0	70-130			
p,m-Xylene	9.43	0.0500	10.0		94.3	70-130			
Total Xylenes	14.1	0.0250	15.0		94.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.51		8.00		93.9	70-130			

#### Matrix Spike (2604004-MS1)

Source: E601120-87

Prepared: 01/19/26 Analyzed: 01/19/26

Benzene	5.02	0.0250	5.00	ND	100	70-130			
Ethylbenzene	4.74	0.0250	5.00	ND	94.8	70-130			
Toluene	4.93	0.0250	5.00	ND	98.6	70-130			
o-Xylene	4.83	0.0250	5.00	ND	96.6	70-130			
p,m-Xylene	9.66	0.0500	10.0	ND	96.6	70-130			
Total Xylenes	14.5	0.0250	15.0	ND	96.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.58		8.00		94.8	70-130			

#### Matrix Spike Dup (2604004-MSD1)

Source: E601120-87

Prepared: 01/19/26 Analyzed: 01/19/26

Benzene	5.06	0.0250	5.00	ND	101	70-130	0.876	27	
Ethylbenzene	4.78	0.0250	5.00	ND	95.5	70-130	0.781	26	
Toluene	4.96	0.0250	5.00	ND	99.3	70-130	0.667	20	
o-Xylene	4.85	0.0250	5.00	ND	96.9	70-130	0.336	25	
p,m-Xylene	9.72	0.0500	10.0	ND	97.2	70-130	0.588	23	
Total Xylenes	14.6	0.0250	15.0	ND	97.1	70-130	0.504	26	
Surrogate: 4-Bromochlorobenzene-PID	7.30		8.00		91.3	70-130			



### QC Summary Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/22/2026 8:29:37AM
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#### 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 (2604004-BLK1)**

Prepared: 01/19/26 Analyzed: 01/19/26

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

**LCS (2604004-BS2)**

Prepared: 01/19/26 Analyzed: 01/19/26

Gasoline Range Organics (C6-C10)	55.3	20.0	50.0		111	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.19		8.00		89.9	70-130			

**Matrix Spike (2604004-MS2)**

Source: E601120-87

Prepared: 01/19/26 Analyzed: 01/19/26

Gasoline Range Organics (C6-C10)	55.0	20.0	50.0	ND	110	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.13		8.00		89.1	70-130			

**Matrix Spike Dup (2604004-MSD2)**

Source: E601120-87

Prepared: 01/19/26 Analyzed: 01/19/26

Gasoline Range Organics (C6-C10)	54.6	20.0	50.0	ND	109	70-130	0.616	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.53		8.00		94.1	70-130			



### QC Summary Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/22/2026 8:29:37AM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2604003-BLK1)**

Prepared: 01/19/26 Analyzed: 01/20/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	43.8		50.0		87.5	61-141			

**LCS (2604003-BS1)**

Prepared: 01/19/26 Analyzed: 01/20/26

Diesel Range Organics (C10-C28)	221	25.0	250		88.5	66-144			
Surrogate: <i>n</i> -Nonane	45.4		50.0		90.9	61-141			

**Matrix Spike (2604003-MS1)**

Source: E601150-01

Prepared: 01/19/26 Analyzed: 01/20/26

Diesel Range Organics (C10-C28)	221	25.0	250	ND	88.5	56-156			
Surrogate: <i>n</i> -Nonane	45.0		50.0		90.0	61-141			

**Matrix Spike Dup (2604003-MSD1)**

Source: E601150-01

Prepared: 01/19/26 Analyzed: 01/20/26

Diesel Range Organics (C10-C28)	222	25.0	250	ND	88.7	56-156	0.225	20	
Surrogate: <i>n</i> -Nonane	44.9		50.0		89.9	61-141			



### QC Summary Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/22/2026 8:29:37AM
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#### 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 (2604009-BLK1)**

Prepared: 01/19/26 Analyzed: 01/19/26

Chloride ND 20.0

**LCS (2604009-BS1)**

Prepared: 01/19/26 Analyzed: 01/19/26

Chloride 251 20.0 250 100 90-110

**Matrix Spike (2604009-MS1)**

Source: E601120-88

Prepared: 01/19/26 Analyzed: 01/19/26

Chloride 251 20.0 250 ND 101 80-120

**Matrix Spike Dup (2604009-MSD1)**

Source: E601120-88

Prepared: 01/19/26 Analyzed: 01/19/26

Chloride 253 20.0 250 ND 101 80-120 0.549 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 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 01/22/26 08:29
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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: Parkway Gathering Leak				Address: 5315 Buena Vista Dr				E6201135		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@dvn.com															
Phone: 575-988-0055				Miscellaneous: Jim Raley															
Email: agiovengo@ensolum.com																			
Sample Information																			
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	
0845	1/15/2026	S	1	BF01		1								X					
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dvn.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@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: Eric Plugge																			
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="checkbox"/> N									
<i>[Signature]</i>	1/16/26	7:11	Michelle Gonzales	1-16-26	0711														
Michelle Gonzales	1-16-26	1345	Nathan Gonzales	1-16-26	1345														
Nathan Gonzales	1-16-26	1813	[Signature]	1-16-26	1815														
[Signature]	1-16-26	2200	Noe Seto	1-19-26	0545														
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: 1/19/2026 8:55:35AM

**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:	01/19/26 05:45	Work Order ID:	E601135
Phone:	(505) 382-1211	Date Logged In:	01/16/26 13:18	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	01/23/26 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

Carrier: Courier

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

**Sample Turn Around Time (TAT)**

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

**Sample Cooler**

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

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

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

**Sample Container**

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

**Field Label**

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

**Comments/Resolution**

Client Remark- Rush TPH  
L-NS  
R-NV

\_\_\_\_\_  
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: Parkway Gathering Leak

Work Order: E601286

Job Number: 01058-0007

Received: 2/2/2026

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
2/5/26

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: 2/5/26

Ashley Giovengo  
333 W Sheridan Avenue  
Oklahoma City, OK 73102-5010

Project Name: Parkway Gathering Leak  
Workorder: E601286  
Date Received: 2/2/2026 6:15:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/2/2026 6:15:00AM, under the Project Name: Parkway Gathering Leak.

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

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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[mgonzales@envirotech-inc.com](mailto:mgonzales@envirotech-inc.com)

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

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### Sample Summary

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 02/05/26 16:52
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS13-4'	E601286-01A	Soil	01/29/26	02/02/26	Glass Jar, 2 oz.
SW08-0-4'	E601286-02A	Soil	01/29/26	02/02/26	Glass Jar, 2 oz.
SW09-0-4'	E601286-03A	Soil	01/29/26	02/02/26	Glass Jar, 2 oz.



### Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/5/2026 4:52:58PM
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**FS13-4'**

**E601286-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>		mg/kg	mg/kg	Analyst: BA		Batch: 2606014
Benzene	ND	0.0250	1	02/02/26	02/03/26	
Ethylbenzene	ND	0.0250	1	02/02/26	02/03/26	
Toluene	ND	0.0250	1	02/02/26	02/03/26	
o-Xylene	ND	0.0250	1	02/02/26	02/03/26	
p,m-Xylene	ND	0.0500	1	02/02/26	02/03/26	
Total Xylenes	ND	0.0250	1	02/02/26	02/03/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		111 %	70-130	02/02/26	02/03/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: BA		Batch: 2606014
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/02/26	02/03/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.8 %	70-130	02/02/26	02/03/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: KH		Batch: 2606004
Diesel Range Organics (C10-C28)	ND	25.0	1	02/02/26	02/02/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/02/26	02/02/26	
<i>Surrogate: n-Nonane</i>		107 %	61-141	02/02/26	02/02/26	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg	Analyst: TP		Batch: 2606016
Chloride	6280	200	10	02/02/26	02/02/26	



### Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/5/2026 4:52:58PM
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**SW08-0-4'**

**E601286-02**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2606014
Benzene	ND	0.0250	1	02/02/26	02/03/26	
Ethylbenzene	ND	0.0250	1	02/02/26	02/03/26	
Toluene	ND	0.0250	1	02/02/26	02/03/26	
o-Xylene	ND	0.0250	1	02/02/26	02/03/26	
p,m-Xylene	ND	0.0500	1	02/02/26	02/03/26	
Total Xylenes	ND	0.0250	1	02/02/26	02/03/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		111 %	70-130	02/02/26	02/03/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2606014
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/02/26	02/03/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.7 %	70-130	02/02/26	02/03/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2606004
Diesel Range Organics (C10-C28)	ND	25.0	1	02/02/26	02/02/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/02/26	02/02/26	
<i>Surrogate: n-Nonane</i>		106 %	61-141	02/02/26	02/02/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2606016
Chloride	256	100	5	02/02/26	02/02/26	



### Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/5/2026 4:52:58PM
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**SW09-0-4'**

**E601286-03**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2606014
Benzene	ND	0.0250	1	02/02/26	02/03/26	
Ethylbenzene	ND	0.0250	1	02/02/26	02/03/26	
Toluene	ND	0.0250	1	02/02/26	02/03/26	
o-Xylene	ND	0.0250	1	02/02/26	02/03/26	
p,m-Xylene	ND	0.0500	1	02/02/26	02/03/26	
Total Xylenes	ND	0.0250	1	02/02/26	02/03/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		112 %	70-130	02/02/26	02/03/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2606014
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/02/26	02/03/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		98.1 %	70-130	02/02/26	02/03/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2606004
Diesel Range Organics (C10-C28)	ND	25.0	1	02/02/26	02/02/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/02/26	02/02/26	
<i>Surrogate: n-Nonane</i>		107 %	61-141	02/02/26	02/02/26	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: TP		Batch: 2606016
Chloride	ND	100	5	02/02/26	02/02/26	



### QC Summary Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/5/2026 4:52:58PM
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#### 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 (2606014-BLK1)

Prepared: 02/02/26 Analyzed: 02/03/26

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	9.06		8.00		113	70-130			

#### LCS (2606014-BS1)

Prepared: 02/02/26 Analyzed: 02/03/26

Benzene	4.83	0.0250	5.00		96.6	70-130			
Ethylbenzene	4.62	0.0250	5.00		92.4	70-130			
Toluene	4.75	0.0250	5.00		95.0	70-130			
o-Xylene	4.72	0.0250	5.00		94.4	70-130			
p,m-Xylene	9.42	0.0500	10.0		94.2	70-130			
Total Xylenes	14.1	0.0250	15.0		94.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.91		8.00		111	70-130			

#### Matrix Spike (2606014-MS1)

Source: E601286-02

Prepared: 02/02/26 Analyzed: 02/03/26

Benzene	4.88	0.0250	5.00	ND	97.6	70-130			
Ethylbenzene	4.64	0.0250	5.00	ND	92.8	70-130			
Toluene	4.78	0.0250	5.00	ND	95.5	70-130			
o-Xylene	4.74	0.0250	5.00	ND	94.8	70-130			
p,m-Xylene	9.47	0.0500	10.0	ND	94.7	70-130			
Total Xylenes	14.2	0.0250	15.0	ND	94.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.78		8.00		110	70-130			

#### Matrix Spike Dup (2606014-MSD1)

Source: E601286-02

Prepared: 02/02/26 Analyzed: 02/03/26

Benzene	4.88	0.0250	5.00	ND	97.6	70-130	0.00513	27	
Ethylbenzene	4.65	0.0250	5.00	ND	93.1	70-130	0.266	26	
Toluene	4.78	0.0250	5.00	ND	95.5	70-130	0.0115	20	
o-Xylene	4.76	0.0250	5.00	ND	95.2	70-130	0.460	25	
p,m-Xylene	9.50	0.0500	10.0	ND	95.0	70-130	0.269	23	
Total Xylenes	14.3	0.0250	15.0	ND	95.0	70-130	0.333	26	
Surrogate: 4-Bromochlorobenzene-PID	8.87		8.00		111	70-130			



### QC Summary Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/5/2026 4:52:58PM
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#### 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 (2606014-BLK1)**

Prepared: 02/02/26 Analyzed: 02/03/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.90		8.00		98.7	70-130			

**LCS (2606014-BS2)**

Prepared: 02/02/26 Analyzed: 02/03/26

Gasoline Range Organics (C6-C10)	52.9	20.0	50.0		106	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.94		8.00		99.3	70-130			

**Matrix Spike (2606014-MS2)**

Source: E601286-02

Prepared: 02/02/26 Analyzed: 02/03/26

Gasoline Range Organics (C6-C10)	51.9	20.0	50.0	ND	104	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.84		8.00		98.0	70-130			

**Matrix Spike Dup (2606014-MSD2)**

Source: E601286-02

Prepared: 02/02/26 Analyzed: 02/03/26

Gasoline Range Organics (C6-C10)	52.5	20.0	50.0	ND	105	70-130	1.33	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.97		8.00		99.7	70-130			



### QC Summary Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/5/2026 4:52:58PM
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#### 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 (2606004-BLK1)**

Prepared: 02/02/26 Analyzed: 02/02/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	54.4		50.0		109	61-141			

**LCS (2606004-BS1)**

Prepared: 02/02/26 Analyzed: 02/02/26

Diesel Range Organics (C10-C28)	239	25.0	250		95.6	66-144			
Surrogate: n-Nonane	51.9		50.0		104	61-141			

**Matrix Spike (2606004-MS1)**

Source: E601280-03

Prepared: 02/02/26 Analyzed: 02/02/26

Diesel Range Organics (C10-C28)	246	25.0	250	ND	98.5	56-156			
Surrogate: n-Nonane	53.9		50.0		108	61-141			

**Matrix Spike Dup (2606004-MSD1)**

Source: E601280-03

Prepared: 02/02/26 Analyzed: 02/02/26

Diesel Range Organics (C10-C28)	249	25.0	250	ND	99.6	56-156	1.10	20	
Surrogate: n-Nonane	55.0		50.0		110	61-141			



### QC Summary Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 2/5/2026 4:52:58PM
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#### Anions by EPA 300.0/9056A

Analyst: TP

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 (2606016-BLK1)**

Prepared: 02/02/26 Analyzed: 02/02/26

Chloride ND 20.0

**LCS (2606016-BS1)**

Prepared: 02/02/26 Analyzed: 02/02/26

Chloride 261 20.0 250 105 90-110

**Matrix Spike (2606016-MS1)**

Source: E601289-01

Prepared: 02/02/26 Analyzed: 02/02/26

Chloride 1520 20.0 250 1240 115 80-120

**Matrix Spike Dup (2606016-MSD1)**

Source: E601289-01

Prepared: 02/02/26 Analyzed: 02/02/26

Chloride 1540 20.0 250 1240 121 80-120 0.898 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 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Parkway Gathering Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 02/05/26 16:52
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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.





Envirotech Analytical Laboratory

Printed: 2/2/2026 8:03:49AM

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: 02/02/26 06:15 Work Order ID: E601286
Phone: (505) 382-1211 Date Logged In: 01/30/26 14:23 Logged In By: Caitlin Mars
Email: agiovengo@ensolum.com Due Date: 02/06/26 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

Carrier: Courier

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Empty box for Client Instruction

Comments/Resolution

Client remarks- Rush Chloride only on samples 2 & 3.
L-NS
R-NV

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: Jones Federal B 3 Battery

Work Order: E601182

Job Number: 01058-0007

Received: 1/21/2026

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
1/26/26

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: 1/26/26



Ashley Giovengo  
333 W Sheridan Avenue  
Oklahoma City, OK 73102-5010

Project Name: Jones Federal B 3 Battery  
Workorder: E601182  
Date Received: 1/21/2026 7:45:19AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/21/2026 7:45:19AM, under the Project Name: Jones Federal B 3 Battery.

The analytical test results summarized in this report with the Project Name: Jones Federal B 3 Battery 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  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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

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### Sample Summary

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Jones Federal B 3 Battery Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 01/26/26 15:51
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BF01	E601182-01A	Soil	01/19/26	01/21/26	Glass Jar, 2 oz.



### Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Jones Federal B 3 Battery Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/26/2026 3:51:51PM
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**BF01**

**E601182-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>		mg/kg	mg/kg	Analyst: BA		Batch: 2604075
Benzene	ND	0.0250	1	01/21/26	01/23/26	
Ethylbenzene	ND	0.0250	1	01/21/26	01/23/26	
Toluene	ND	0.0250	1	01/21/26	01/23/26	
o-Xylene	ND	0.0250	1	01/21/26	01/23/26	
p,m-Xylene	ND	0.0500	1	01/21/26	01/23/26	
Total Xylenes	ND	0.0250	1	01/21/26	01/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		114 %	70-130	01/21/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: BA		Batch: 2604075
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/26	01/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.6 %	70-130	01/21/26	01/23/26	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: KH		Batch: 2604080
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/26	01/22/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/26	01/22/26	
<i>Surrogate: n-Nonane</i>		94.9 %	61-141	01/21/26	01/22/26	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg	Analyst: TP		Batch: 2604106
Chloride	ND	20.0	1	01/22/26	01/22/26	



### QC Summary Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Jones Federal B 3 Battery Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/26/2026 3:51:51PM
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#### 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 (2604075-BLK1)**

Prepared: 01/21/26 Analyzed: 01/23/26

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	8.77		8.00		110	70-130			

**LCS (2604075-BS1)**

Prepared: 01/21/26 Analyzed: 01/23/26

Benzene	4.55	0.0250	5.00		91.0	70-130			
Ethylbenzene	4.37	0.0250	5.00		87.5	70-130			
Toluene	4.47	0.0250	5.00		89.4	70-130			
o-Xylene	4.48	0.0250	5.00		89.7	70-130			
p,m-Xylene	8.95	0.0500	10.0		89.5	70-130			
Total Xylenes	13.4	0.0250	15.0		89.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.70		8.00		109	70-130			

**Matrix Spike (2604075-MS1)**

Source: E601184-03

Prepared: 01/21/26 Analyzed: 01/23/26

Benzene	5.17	0.0250	5.00	ND	103	70-130			
Ethylbenzene	4.97	0.0250	5.00	ND	99.4	70-130			
Toluene	5.07	0.0250	5.00	ND	101	70-130			
o-Xylene	5.08	0.0250	5.00	ND	102	70-130			
p,m-Xylene	10.2	0.0500	10.0	ND	102	70-130			
Total Xylenes	15.2	0.0250	15.0	ND	102	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.80		8.00		110	70-130			

**Matrix Spike Dup (2604075-MSD1)**

Source: E601184-03

Prepared: 01/21/26 Analyzed: 01/23/26

Benzene	5.26	0.0250	5.00	ND	105	70-130	1.77	27	
Ethylbenzene	5.07	0.0250	5.00	ND	101	70-130	1.96	26	
Toluene	5.17	0.0250	5.00	ND	103	70-130	1.83	20	
o-Xylene	5.19	0.0250	5.00	ND	104	70-130	2.20	25	
p,m-Xylene	10.4	0.0500	10.0	ND	104	70-130	2.02	23	
Total Xylenes	15.5	0.0250	15.0	ND	104	70-130	2.08	26	
Surrogate: 4-Bromochlorobenzene-PID	8.79		8.00		110	70-130			



### QC Summary Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Jones Federal B 3 Battery Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/26/2026 3:51:51PM
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#### 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 (2604075-BLK1)**

Prepared: 01/21/26 Analyzed: 01/23/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.74		8.00		84.2	70-130			

**LCS (2604075-BS2)**

Prepared: 01/21/26 Analyzed: 01/23/26

Gasoline Range Organics (C6-C10)	44.0	20.0	50.0		88.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.76		8.00		84.5	70-130			

**Matrix Spike (2604075-MS2)**

Source: E601184-03

Prepared: 01/21/26 Analyzed: 01/23/26

Gasoline Range Organics (C6-C10)	52.8	20.0	50.0	ND	106	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.80		8.00		85.0	70-130			

**Matrix Spike Dup (2604075-MSD2)**

Source: E601184-03

Prepared: 01/21/26 Analyzed: 01/23/26

Gasoline Range Organics (C6-C10)	50.6	20.0	50.0	ND	101	70-130	4.23	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.75		8.00		84.4	70-130			



### QC Summary Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Jones Federal B 3 Battery Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/26/2026 3:51:51PM
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#### 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 (2604080-BLK1)**

Prepared: 01/21/26 Analyzed: 01/21/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	46.7		50.0		93.4	61-141			

**LCS (2604080-BS1)**

Prepared: 01/21/26 Analyzed: 01/21/26

Diesel Range Organics (C10-C28)	255	25.0	250		102	66-144			
Surrogate: <i>n</i> -Nonane	45.7		50.0		91.4	61-141			

**Matrix Spike (2604080-MS1)**

Source: E601187-02

Prepared: 01/21/26 Analyzed: 01/21/26

Diesel Range Organics (C10-C28)	269	25.0	250	ND	108	56-156			
Surrogate: <i>n</i> -Nonane	48.3		50.0		96.5	61-141			

**Matrix Spike Dup (2604080-MSD1)**

Source: E601187-02

Prepared: 01/21/26 Analyzed: 01/21/26

Diesel Range Organics (C10-C28)	273	25.0	250	ND	109	56-156	1.23	20	
Surrogate: <i>n</i> -Nonane	49.2		50.0		98.5	61-141			



### QC Summary Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Jones Federal B 3 Battery Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 1/26/2026 3:51:51PM
--	---	---

#### Anions by EPA 300.0/9056A

Analyst: TP

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

**Blank (2604106-BLK1)**

Prepared: 01/22/26 Analyzed: 01/22/26

Chloride ND 20.0

**LCS (2604106-BS1)**

Prepared: 01/22/26 Analyzed: 01/22/26

Chloride 259 20.0 250 104 90-110

**Matrix Spike (2604106-MS1)**

Source: E601185-06

Prepared: 01/22/26 Analyzed: 01/22/26

Chloride 354 20.0 250 88.7 106 80-120

**Matrix Spike Dup (2604106-MSD1)**

Source: E601185-06

Prepared: 01/22/26 Analyzed: 01/22/26

Chloride 355 20.0 250 88.7 106 80-120 0.310 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 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Jones Federal B 3 Battery Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 01/26/26 15:51
--	---	------------------------------------

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



WO# 21658526

Chain of Custody

Released to Imaging: 3/11/2026 2:37:52 PM

Received by OCD: 3/4/2026 8:34:40 AM

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: Jones Federal B3 Battery				Address: 5315 Buena Vista Dr				E1201132		01058-0007					X	X			
Project Manager: Ashley Gioengo				City, State, Zip: Carlsbad NM, 88220															
Address: 3122 National Parks Hwy				Phone: (575)689-7597															
City, State, Zip: Carlsbad NM, 88220				Email: jim.raley@dvn.com															
Phone: 575-988-0055				Miscellaneous: Jim Raley															
Email: agioengo@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	BGDOC - NM	TCEQ.1005 - TX	RCRA 8 Metals	SDWA	CWA	RCRA	Compliance	PWSID #	Remarks		
14:15	1/19/2026	S	1	BF01		1						X									3.9	

**Additional Instructions:** Please CC: cburton@ensolum.com, agioengo@ensolum.com, jim.raley@dvn.com, iestrella@ensolum.com, chamilton@ensolum.com, bsimmons@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: Aboubakar Kone						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 _____					
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
<i>[Signature]</i>	1/20/26	7:11	Michelle Gonzales	1-20-26	0711						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
Michelle Gonzales	1-20-26	1215	Marissa Gonzales	1-20-26	1215						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
Marissa Gonzales	1-20-26	1600	<i>[Signature]</i>	1-20-26	1600						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
<i>[Signature]</i>	1-20-26	1745	Keith Man	1-21-26	745						

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

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Page 11 of 12

Page 291 of 312



**Envirotech Analytical Laboratory**

Printed: 1/21/2026 9:19:52AM

**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:	01/21/26 07:45	Work Order ID:	E601182
Phone:	(505) 382-1211	Date Logged In:	01/20/26 15:33	Logged In By:	Noe Soto
Email:	agiovengo@ensolum.com	Due Date:	01/27/26 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

Carrier: Courier

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

**Sample Turn Around Time (TAT)**

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

**Sample Cooler**

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

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

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

**Sample Container**

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

**Field Label**

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

**Comments/Resolution**

L-CM  
R-NV

**Client Instruction**

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

Date



envirotech Inc.



## APPENDIX G

### NMOCD Correspondence

---

**From:** [Hamlet, Robert, EMNRD](#)  
**To:** [Cole Burton](#)  
**Cc:** [Raley, Jim](#); [Ashley Giovengo](#); [Bratcher, Michael, EMNRD](#); [Wells, Shelly, EMNRD](#)  
**Subject:** (Extension Approval) - Devon Energy Production Company, LP - Parkway Gathering Leak - nAPP2510026094  
**Date:** Monday, July 7, 2025 1:23:15 PM  
**Attachments:** [image006.png](#)  
[image007.png](#)  
[image008.png](#)

---

[ \*\*EXTERNAL EMAIL\*\* ]

RE: Incident #NAPP2510026094 PARKWAY GATHERING LEAK

**Cole,**

A 90-day extension is approved. Please have a remediation closure report uploaded to the OCD Permitting Portal no later than **October 6th, 2025**. Include this e-mail correspondence in the report.

**Robert Hamlet** • Environmental Specialist - Advanced  
Environmental Bureau  
EMNRD - Oil Conservation Division  
506 W. Texas Ave. | Artesia, NM 88210  
575.909.0302 | [robert.hamlet@emnrd.nm.gov](mailto:robert.hamlet@emnrd.nm.gov)  
<http://www.emnrd.state.nm.us/OCD/>



---

**From:** Wells, Shelly, EMNRD <[Shelly.Wells@emnrd.nm.gov](mailto:Shelly.Wells@emnrd.nm.gov)>  
**Sent:** Monday, July 7, 2025 10:42 AM  
**To:** Hamlet, Robert, EMNRD <[Robert.Hamlet@emnrd.nm.gov](mailto:Robert.Hamlet@emnrd.nm.gov)>  
**Cc:** Bratcher, Michael, EMNRD <[mike.bratcher@emnrd.nm.gov](mailto:mike.bratcher@emnrd.nm.gov)>  
**Subject:** FW: [EXTERNAL] Extension Request - Devon Energy Production Company, LP - Parkway Gathering Leak - nAPP2510026094

---

**From:** Cole Burton <[cburton@ensolum.com](mailto:cburton@ensolum.com)>  
**Sent:** Monday, July 7, 2025 10:39 AM  
**To:** Enviro, OCD, EMNRD <[OCD.Enviro@emnrd.nm.gov](mailto:OCD.Enviro@emnrd.nm.gov)>; Raley, Jim <[Jim.Raley@dvn.com](mailto:Jim.Raley@dvn.com)>  
**Cc:** Ashley Giovengo <[agiovengo@ensolum.com](mailto:agiovengo@ensolum.com)>

**Subject:** [EXTERNAL] Extension Request - Devon Energy Production Company, LP - Parkway Gathering Leak - nAPP2510026094

**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 25, 2025, for submitting a remediation work plan or closure report required in 19.15.29.12.B.(1) NMAC at the Parkway Gathering Leak (Site) (Incident Number nAPP2510026094). The release occurred on April 8, 2025, and 22 barrels (bbls) of produced water were released; 0 bbls of produced water were recovered. The release impacted an off-pad area within a pipeline Right-of-Way (ROW). The release extent measures approximately 2,513 square feet in size. A desktop environmental review was completed by CEHMM and there were no environmental recommendations for the area. An Archaeological Records Management System (ARMS) review was completed by Beaver Creek Archeology & Environmental on March 7, 2025, and the findings were negative. A Right of Entry permit was submitted to the New Mexico State Land Office and a karst survey has been requested from Advanced Geophysics. According to the New Mexico Office of the State Engineer (NMOSE), the closest well with available depth to groundwater (DTW) data is CP 01934, which is located 2.4 miles east of the Site. The reported DTW at CP 01934 is greater than 55 feet below ground surface (bgs). Lateral delineation soil sampling in accordance with the strictest Closure Criteria per NMOCD Table I criteria has been completed at the Site and vertical delineation soil sampling is ongoing. Devon will complete remediation of the subject matter release and submit a remediation work plan or closure report upon receiving final laboratory analytical data from confirmation sampling activities. 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 539645

**QUESTIONS**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 539645
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2510026094
Incident Name	NAPP2510026094 PARKWAY GATHERING LEAK @ O-20-19S-29E 25N 150W
Incident Type	Produced Water Release
Incident Status	Remediation Plan Approved

<b>Location of Release Source</b>	
Site Name	Parkway Gathering Leak
Date Release Discovered	04/08/2025
Surface Owner	State

<b>Sampling Event General Information</b>	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	3,014
What is the estimated number of samples that will be gathered	26
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/08/2026
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	32.64263, -104.09655
Please provide any information necessary for navigation to sampling site	Eric Plugge (932-525-6234)

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

General Information  
Phone: (505) 629-6116

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

CONDITIONS

Action 539645

**CONDITIONS**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 539645
	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.	1/2/2026
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.	1/2/2026

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

QUESTIONS

Action 539646

**QUESTIONS**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 539646
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2510026094
Incident Name	NAPP2510026094 PARKWAY GATHERING LEAK @ O-20-19S-29E 25N 150W
Incident Type	Produced Water Release
Incident Status	Remediation Plan Approved

<b>Location of Release Source</b>	
Site Name	Parkway Gathering Leak
Date Release Discovered	04/08/2025
Surface Owner	State

<b>Sampling Event General Information</b>	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	3,014
What is the estimated number of samples that will be gathered	26
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/09/2026
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	32.64263, -104.09655
Please provide any information necessary for navigation to sampling site	Eric Plugge (932-525-6234)

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**Santa Fe, NM 87505**

CONDITIONS

Action 539646

**CONDITIONS**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 539646
	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.	1/2/2026
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.	1/2/2026

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

QUESTIONS

Action 539648

**QUESTIONS**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 539648
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2510026094
Incident Name	NAPP2510026094 PARKWAY GATHERING LEAK @ O-20-19S-29E 25N 150W
Incident Type	Produced Water Release
Incident Status	Remediation Plan Approved

<b>Location of Release Source</b>	
Site Name	Parkway Gathering Leak
Date Release Discovered	04/08/2025
Surface Owner	State

<b>Sampling Event General Information</b>	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	3,014
What is the estimated number of samples that will be gathered	26
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/12/2026
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	32.64263, -104.09655
Please provide any information necessary for navigation to sampling site	Eric Plugge (932-525-6234)

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Santa Fe, NM 87505**

CONDITIONS

Action 539648

**CONDITIONS**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 539648
	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.	1/2/2026
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.	1/2/2026

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

QUESTIONS

Action 539649

**QUESTIONS**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 539649
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2510026094
Incident Name	NAPP2510026094 PARKWAY GATHERING LEAK @ O-20-19S-29E 25N 150W
Incident Type	Produced Water Release
Incident Status	Remediation Plan Approved

<b>Location of Release Source</b>	
Site Name	Parkway Gathering Leak
Date Release Discovered	04/08/2025
Surface Owner	State

<b>Sampling Event General Information</b>	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	3,014
What is the estimated number of samples that will be gathered	26
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/13/2026
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**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS

Action 539649

**CONDITIONS**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 539649
	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.	1/2/2026
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.	1/2/2026

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

QUESTIONS

Action 559685

**QUESTIONS**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 559685
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2510026094
Incident Name	NAPP2510026094 PARKWAY GATHERING LEAK @ O-20-19S-29E 25N 150W
Incident Type	Produced Water Release
Incident Status	Reclamation Report Received

<b>Location of Release Source</b>	
<i>Please answer all the questions in this group.</i>	
Site Name	PARKWAY GATHERING LEAK
Date Release Discovered	04/08/2025
Surface Owner	State

<b>Incident Details</b>	
<i>Please answer all the questions in this group.</i>	
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

<b>Nature and Volume of Release</b>	
<i>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.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure   Valve   Produced Water   Released: 22 BBL   Recovered: 0 BBL   Lost: 22 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)	Gathering line offsite developed leak from valve. Allowed fluids to impact soils.

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

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**State of New Mexico**  
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**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
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QUESTIONS, Page 2

Action 559685

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 559685
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

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

*With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.*

**Initial Response**

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

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

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

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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 03/04/2026
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QUESTIONS, Page 3

Action 559685

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 559685
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 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
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	Between ½ and 1 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 300 and 500 (ft.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between ½ and 1 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Critical
A 100-year floodplain	Between 1000 (ft.) and ½ (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

**Remediation Plan**

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

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

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

Chloride (EPA 300.0 or SM4500 Cl B)	16000
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

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

On what estimated date will the remediation commence	11/03/2025
On what date will (or did) the final sampling or liner inspection occur	11/07/2025
On what date will (or was) the remediation complete(d)	11/07/2025
What is the estimated surface area (in square feet) that will be reclaimed	3014
What is the estimated volume (in cubic yards) that will be reclaimed	412
What is the estimated surface area (in square feet) that will be remediated	3014
What is the estimated volume (in cubic yards) that will be remediated	412

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

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

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QUESTIONS, Page 4

Action 559685

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 559685
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

**Remediation Plan (continued)**

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

**This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:**

(Select all answers below that apply.)

(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for <b>off-site</b> disposal	fEEM0112334510 HALFWAY DISPOSAL AND LANDFILL
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	No
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No

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 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@dvn.com Date: 03/04/2026
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The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 5

Action 559685

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 559685
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

<b>Deferral Requests Only</b>	
<i>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.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 559685

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 559685
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

<b>Sampling Event Information</b>	
Last sampling notification (C-141N) recorded	<b>545794</b>
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	<b>01/29/2026</b>
What was the (estimated) number of samples that were to be gathered	<b>26</b>
What was the sampling surface area in square feet	<b>3014</b>

<b>Remediation Closure Request</b>	
<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	2552
What was the total volume (cubic yards) remediated	539
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	2552
What was the total volume (in cubic yards) reclaimed	539
Summarize any additional remediation activities not included by answers (above)	Remediation Complete

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

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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dmv.com Date: 03/04/2026
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QUESTIONS, Page 7

Action 559685

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 559685
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

<b>Reclamation Report</b>	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	2552
What was the total volume of replacement material (in cubic yards) for this site	539
<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)	04/01/2026
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 reseeded plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dmv.com Date: 03/04/2026

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QUESTIONS, Page 8

Action 559685

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 559685
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

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

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CONDITIONS

Action 559685

**CONDITIONS**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 559685
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**CONDITIONS**

Created By	Condition	Condition Date
rhamlet	We have received your reclamation/remediation closure report for Incident #NAPP2510026094 PARKWAY GATHERING LEAK, thank you. The reclamation/remediation closure report is approved.	3/11/2026