



August 26, 2026

New Mexico Oil Conservation Division

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

**Re: Closure Request
Thistle Pipeline Leak
Incident Number: nAPP2606244936
Lea County, New Mexico**

To Whom it May Concern:

Ensolum, LLC (Ensolum), on behalf of Devon Energy Production Company, LP (Devon), has prepared this *Closure Request* to document excavation and soil sampling activities performed to address a release of produced water at the Thistle Pipeline Leak (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 nAPP2606244936.

BACKGROUND

The Site is located in Unit M, Section 15, Township 23 South, Range 33 East, in Lea County, New Mexico (32.298172°, -103.568503°) and is associated with oil and gas exploration and production operations on State Trust Land managed by the New Mexico State Land Office (NMSLO) under Lease ID VB-0729-0002.

On March 02, 2026, a valve developed a pinhole leak, resulting in the release of approximately 109 barrels (bbls) of produced water onto adjacent pasture soil. A vacuum truck was immediately dispatched to the Site to recover free-standing fluids; 80 bbls of produced water were recovered from the pipeline right-of-way (ROW). Devon reported the release to the New Mexico Oil Conservation Division (NMOCD) via a Notification of Release (NOR) submitted on March 03, 2026, and subsequently submitted an Initial Release C-141 Application (C-141) on March 16, 2026. The release was assigned Incident Number nAPP2606244936.

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 (19.15.29) 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.

Depth to groundwater at the Site is estimated to be greater than 100 feet below ground surface (bgs) based on the nearest groundwater well data. The closest well with depth to groundwater data is New Mexico Office of the State Engineer (NMOSE) well C-05069 POD1, located approximately 580 feet northeast of the Site. The well was drilled in April 2026 to a total depth of 118 feet bgs to assess the regional 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

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72-hour waiting period without observing groundwater, it was confirmed groundwater beneath the Site is greater than 118 feet bgs. The well was subsequently properly plugged and abandoned. All wells used for depth to groundwater determination are presented on Figure 1. The well record is included in Appendix A.

The closest continuously flowing or significant watercourse to the Site is a seasonal dry wash located approximately 1.2 miles northwest of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by potentially unstable geology (low potential karst designation area).

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

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

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

NMSLO CULTURAL RESOURCES AND BIOLOGICAL REVIEW

Cultural Properties Protection

The release was identified in the pasture, 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 any ground disturbance. No cultural resources were identified within and/or around the release extent requiring remediation efforts. The CPP Rule Memorandum, dated March 26, 2026, presenting the ARMS review results and cover sheet is attached in Appendix B.

Biological Review

Ensolum personnel conducted a desktop review to establish if the Site is within an area of possible threatened, endangered, and sensitive wildlife and plant species, environmentally sensitive areas, surface waters, and sensitive soils.

A review of the United States Fish and Wildlife Service (USFWS) Information, Planning, and Conservation System (IPaC) and New Mexico Game and Fish (NMGF) New Mexico Environmental Review Tool (NMERT) was conducted on March 06, 2026. According to the IPaC report; an experimental population of Northern Apolmado Falcon (*Falco femoralis septentrionalis*), and the proposed threatened Monarch Butterfly (*Danaus Plexippus*) had the potential to be present in the vicinity of the Site. No critical habitat was documented to exist in the disturbance area. During the review of the NMERT, the report

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documented no threatened or endangered species existed in the vicinity of the area. If work was anticipated to go beyond the proposed work extent, an updated review would have been completed to ensure compliance with changing laws and conditions.

During a review of the Site for the occurrence of aquatic resources, Ensolum concluded there were no aquatic resources located within or adjacent to the disturbance area. The Site was located within a Federal Emergency Management Agency (FEMA) flood zone D layer, indicating the area is undetermined due to insufficient data. In addition to the aforementioned information, no other aquatic Site receptors were identified.

SITE ASSESSMENT AND DELINEATION SOIL SAMPLING ACTIVITIES

On April 23 and April 24, 2026, Ensolum personnel were onsite to evaluate the release extent based on information provided on the C-141 and visual observations. Ten delineation soil samples (SS01 through SS10) were collected from areas surrounding the release extent at depths of ground surface and 1-foot bgs to assess the lateral extent of impacted soil. Six boreholes (BH01 through BH06) were advanced via hand auger within the release extent to assess the vertical extent of the release. Delineation soil samples were collected from each borehole until refusal was encountered at 9 feet bgs due to a competent formation.

Ensolum personnel returned on August 06 and August 07, 2026, and advanced borehole BH03 to 12 feet bgs and BH04 to 16 feet bgs utilizing a core drill. The delineation soil samples were field screened for chloride using Hach® Chloride QuanTab® test strips. Field screening results and observations for the boreholes were logged on lithologic soil sampling logs, which are included in Appendix C. Photographic documentation of delineation activities is included in Appendix D.

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

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for lateral delineation soil samples SS01 through SS10 indicated all COC concentrations were in compliance with the strictest Closure Criteria. Laboratory analytical results for delineation soil samples collected from the boreholes BH01 through BH06 indicated chloride concentrations exceeding the reclamation requirement, where applicable, at depths ranging from the ground surface to 4 feet bgs. The terminal soil samples collected from all boreholes indicated all COC concentrations were in compliance with the Site Closure Criteria. Laboratory results are summarized in Table 1 and laboratory analytical reports are included in Appendix E.

Based on visible staining in the release area, elevated field screening results, and laboratory analytical results for the delineation activities within the release extent, excavation activities were warranted.

EXCAVATION AND CONFIRMATION SOIL SAMPLING ACTIVITIES

Between July 07 and July 16, 2026, Ensolum personnel were at the Site to oversee excavation activities. Excavation activities were performed using a tracked excavator, loader, hydro-vac, and dump trucks. To direct excavation activities, soil was field screened for chloride following the same procedure described above. The excavation was completed to depths ranging from 1-foot to 4.5 feet bgs.

Following the completion of excavation activities, 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 FS27 were collected from the floor of the excavation at depths ranging from 1-foot to 4.5 feet bgs. Composite soil samples SW01 through SW14 were collected from the sidewalls of the excavation at depths ranging from ground surface to 4 feet bgs. Due to soil samples FS26 and FS27 failing the reclamation requirement, Ensolum personnel returned to the Site on August 06, 2026, to advance the areas to 1-foot bgs and collect sidewall sample SW15. The soil samples were collected, handled, and analyzed following the same procedures as described above.

The final excavation extent measured approximately 5,323 square feet. A total of approximately 1,460 cubic yards of waste-containing soil was removed during the excavation activities. The waste-containing soil was transported and properly disposed of at the Northern Delaware Basin Landfill. The excavation extent and excavation soil sample locations are presented in Figure 3.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for all final excavation floor samples (FS01 through FS27) and sidewall samples (SW01 through SW15) indicated all COC concentrations were compliant with the Site Closure Criteria and reclamation requirement, where applicable. In addition, one composite soil sample (BF01) was collected from the backfill material prior to use at the Site. Laboratory analytical results for the backfill material indicated all COC concentrations were compliant with the reclamation requirement. Laboratory analytical results are summarized in Tables 2, 3, and 4, and laboratory analytical reports are included in Appendix E.

RECLAMATION ACTIVITIES

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

- The excavation was backfilled with locally sourced topsoil to match surrounding grade.
- Soil in the vicinity of the release includes: Kermit soils and Dune land, 0 to 12 percent slopes, according to the United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) Web Soil Survey completed on May 04, 2026;
- 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: NMSLO Sandy Seed Mix (S);
- The seed mixture will be distributed with either a push broadcaster seed spreader, tractor operated broadcast seed spreader, drill seeding, or other means;

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- 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 any needed BMPs will be installed to support growth and limit erosion.

CLOSURE REQUEST

Site assessment, delineation, and excavation activities were conducted at the Site to address the March 2026 release of produced water. Following remediation efforts, 27 composite confirmation floor soil samples (FS01 through FS27) and 15 composite confirmation sidewall samples (SW01 through SW15) were collected from the excavation, and one composite soil sample was collected from the backfill material (BF01) prior to backfilling of the excavation. Laboratory analytical results for the excavation soil samples, collected from the final excavation extent, and the backfill soil sample, indicated all COC concentrations were in compliance with Site Closure Criteria and reclamation requirement, where applicable. Based on the soil sample analytical results, no further remediation was required. Reclamation will be completed as described above.

Based on horizontal and vertical delineation sampling, depth to groundwater of greater than 100 feet bgs, and confirmation soil sample laboratory analytical results in compliance with their respective Closure Criteria and reclamation requirement, Devon believes these remedial actions have been protective of human health, the environment, and groundwater. As such, Devon respectfully requests closure for Incident Number nAPP2606244936.

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

Sincerely,
Ensolum, LLC

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

Cole Burton
Project Manager

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

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

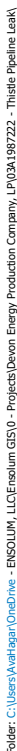
cc: Jim Raley, Devon
NMSLO

Appendices:

Figure 1	Site Receptor Map
Figure 2	Delineation Soil Sample Locations
Figure 3	Confirmation Soil Sample Locations
Table 1	Soil Sample Analytical Results (Delineation Soil Samples)
Table 2	Soil Sample Analytical Results (Confirmation Soil Samples)
Table 3	Soil Sample Analytical Results (Sidewall Soil Samples)
Table 4	Soil Sample Analytical Results (Backfill Soil Samples)
Appendix A	Well Record and Log
Appendix B	NMSLO Cultural Resources
Appendix C	Lithologic Soil Sampling Logs
Appendix D	Photographic Log
Appendix E	Laboratory Analytical Reports & Chain-of-Custody Documentation
Appendix F	NMOCD Correspondence



FIGURES



Site Receptor Map

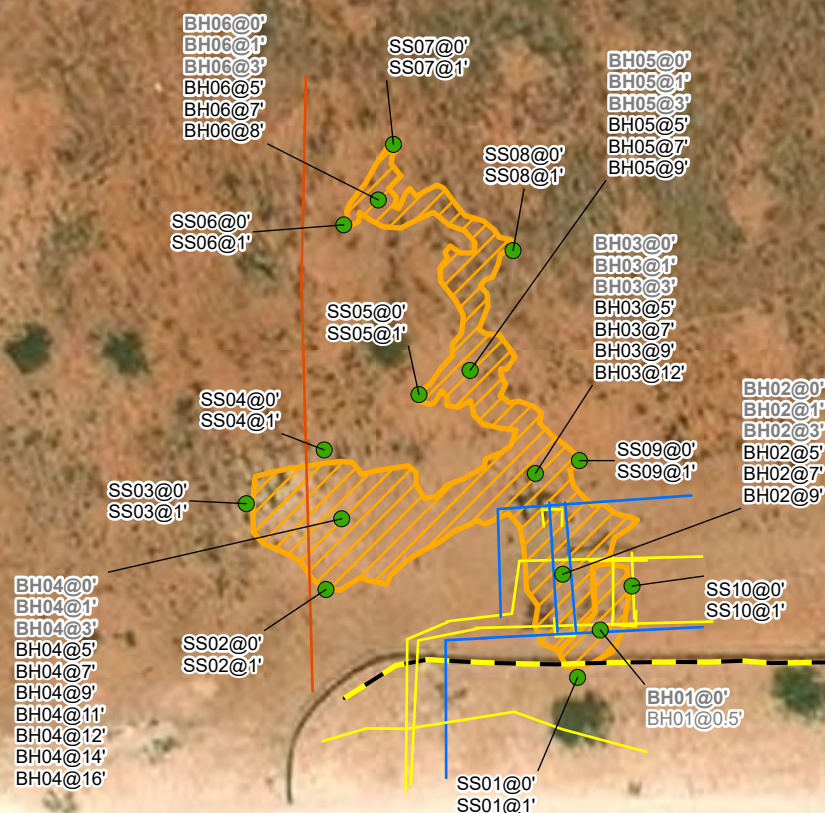
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Unit M, Section 15, T 23S, R 33E
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FIGURE

1

Legend

- Delineation Soil Sample in Compliance with Closure Criteria
- Pipeline
- Oil and Gas Utility Line
- Electric Line
- Water Utility Line
- Release Extent



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

0 12.5 25 50 75 100
 Feet

Sources: Environmental Systems Research Institute (ESRI)

Delineation Soil Sample Locations

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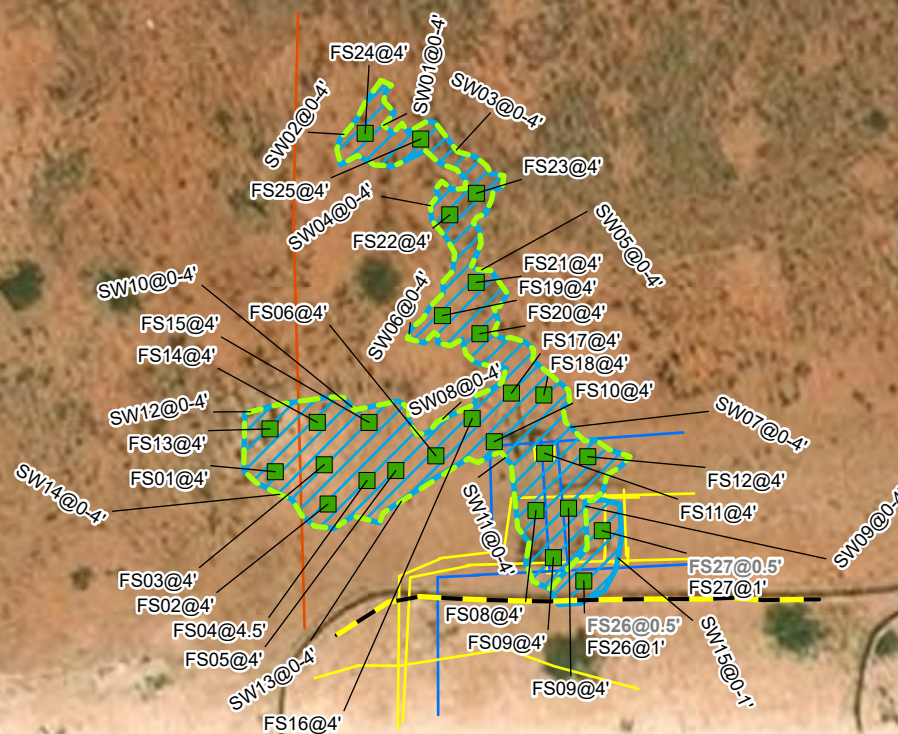
FIGURE

2



Legend

- Confirmation Soil Sample in Compliance with Closure Criteria
- Confirmation Sidewall Sample in Compliance with Closure Criteria
- Pipeline
- Oil and Gas Utility Line
- Electric Utility Line
- Water Utility Line
- Excavation Extent



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

0 12.5 25 50 75 100
 Feet

Sources: Environmental Systems Research Institute (ESRI)

Confirmation Soil Sample Location

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FIGURE

3





TABLES



TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
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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)			10	50	NE	NE	NE	1,000	2,500	20,000
Delineation Soil Samples										
SS01	4/23/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	25.7
SS01	4/23/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	66.9
SS02	4/23/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS02	4/23/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS03	4/23/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS03	4/23/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS04	4/23/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS04	4/23/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS05	4/23/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS05	4/23/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS06	4/23/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS06	4/23/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS07	4/23/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS07	4/23/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS08	4/23/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS08	4/23/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS09	4/23/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS09	4/23/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS10	4/23/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS10	4/23/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	20.5

TABLE 1 SOIL SAMPLE ANALYTICAL RESULTS Thistle Pipeline Leak Devon Energy Production Company, LP Lea County, New Mexico										
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD 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)			10	50	NE	NE	NE	1,000	2,500	20,000
Delineation Soil Samples										
BH01*	4/24/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,420
BH01*	4/24/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	162
BH02*	4/24/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	6,140
BH02*	4/24/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,910
BH02*	4/24/2026	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	5,620
BH02	4/24/2026	5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	5,110
BH02	4/24/2026	7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,590
BH02	4/24/2026	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	10,500
BH03*	4/24/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	6,710
BH03*	4/24/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	5,040
BH03*	4/24/2026	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	5,860
BH03	4/24/2026	5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	7,580
BH03	4/24/2026	7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	5,890
BH03	4/24/2026	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	11,900
BH03	8/6/2026	12	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	5,740
BH04*	4/24/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,660
BH04*	4/24/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,720
BH04*	4/24/2026	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	9,950
BH04	4/24/2026	5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	7,270
BH04	4/24/2026	7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	7,850
BH04	4/24/2026	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	11,200
BH04	8/6/2026	11	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	5,300
BH04	8/7/2026	12	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	5,410
BH04	8/7/2026	14	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	5,740
BH04	8/7/2026	16	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	140
BH05*	4/24/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	5,950
BH05*	4/24/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,730
BH05*	4/24/2026	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	5,750
BH05	4/24/2026	5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	7,770
BH05	4/24/2026	7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	6,610
BH05	4/24/2026	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	10,500



TABLE 1 SOIL SAMPLE ANALYTICAL RESULTS Thistle Pipeline Leak Devon Energy Production Company, LP Lea County, New Mexico										
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Delineation Soil Samples										
BH06*	4/24/2026	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,760
BH06*	4/24/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,900
BH06*	4/24/2026	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	6,930
BH06	4/24/2026	5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,440
BH06	4/24/2026	7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,000
BH06	4/24/2026	8	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	127

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 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
 Thistle Pipeline Leak
 Devon Energy Production Company, LP
 Lea County, New Mexico

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD 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)			10	50	NE	NE	NE	1,000	2,500	20,000
Confirmation Soil Samples										
FS01	7/16/2026	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	12,500
FS02	7/16/2026	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	6,690
FS03	7/16/2026	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	6,910
FS04	7/16/2026	4.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	7,050
FS05	7/16/2026	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	8,430
FS06	7/16/2026	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	8,350
FS07	7/15/2026	4	<0.0250	<0.0500	<20.0	236	168	236	404	1,200
FS08	7/15/2026	4	<0.0250	<0.0500	<20.0	365	197	365	562	2,330
FS09	7/15/2026	4	<0.0250	<0.0500	<20.0	254	149	254	403	4,190
FS10	7/15/2026	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	7,620
FS11	7/15/2026	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,020
FS12	7/16/2026	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	6,120
FS13	7/16/2026	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	5,550
FS14	7/16/2026	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	6,570
FS15	7/16/2026	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	7,490
FS16	7/15/2026	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	10,800
FS17	7/15/2026	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	11,100
FS18	7/15/2026	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	9,240
FS19	7/9/2026	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	9,850
FS20	7/9/2026	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	16,400



TABLE 2 SOIL SAMPLE ANALYTICAL RESULTS Thistle Pipeline Leak Devon Energy Production Company, LP Lea County, New Mexico										
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD 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)			10	50	NE	NE	NE	1,000	2,500	20,000
Confirmation Soil Samples										
FS21	7/9/2026	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	6,690
FS22	7/9/2026	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	6,700
FS23	7/9/2026	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	11,200
FS24	7/10/2026	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	11,900
FS25	7/9/2026	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	5,990
FS26*	7/15/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,920
FS26*	8/6/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	69.6
FS27*	7/15/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	839
FS27*	8/6/2026	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	76.6

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 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 Thistle Pipeline Leak Devon Energy Production Company, LP Lea County, New Mexico										
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD 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)			10	50	NE	NE	NE	1,000	2,500	20,000
Sidewall Soil Samples										
SW01*	7/9/2026	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	37.1
SW02*	7/9/2026	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SW03*	7/9/2026	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SW04*	7/9/2026	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	94.9
SW05*	7/9/2026	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SW06*	7/9/2026	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SW07*	7/15/2026	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SW08*	7/15/2026	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	218
SW09*	7/16/2026	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	163
SW10*	7/16/2026	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	254
SW11*	7/15/2026	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	310
SW12*	7/16/2026	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	135
SW13*	7/16/2026	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SW14*	7/16/2026	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	58.4
SW15*	8/6/2026	0-1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	72.2

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

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Concentrations in bold exceed the NMOCD 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 4 SOIL SAMPLE ANALYTICAL RESULTS Thistle Pipeline Leak Devon Energy Production Company, LP Lea County, New Mexico										
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD 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)			10	50	NE	NE	NE	1,000	2,500	20,000
Backfill Soil Samples										
BF01	7/17/2026	-	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

Red text represents samples that exceed Closure Criteria

<: Laboratory Analytical result is less than reporting limit

Concentrations in **bold** exceed the NMOCD 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



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) Pod 1		WELL TAG ID NO.		OSE FILE NO(S). C-5069		
	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 32	MINUTES 17	SECONDS 56.59	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84	
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE S15 T23s R33e							
2. DRILLING & CASING INFORMATION	LICENSE NO. WD-1862		NAME OF LICENSED DRILLER James Hawley			NAME OF WELL DRILLING COMPANY H&R Enterprises, LLC	
	DRILLING STARTED 4-27-26	DRILLING ENDED 4-27-26	DEPTH OF COMPLETED WELL (FT) 118'	BORE HOLE DEPTH (FT) 118'	DEPTH WATER FIRST ENCOUNTERED (FT) N/A		
	COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☒ DRY HOLE ☐ SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A	DATE STATIC MEASURED 5-8-26	
	DRILLING FLUID: ☒ AIR ☐ MUD ADDITIVES - SPECIFY:						
	DRILLING METHOD: ☒ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER - SPECIFY:					CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐	
	DEPTH (feet bgl) FROM TO		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)
	0' 118'		6'	No casing left in hole			
3. ANNULAR MATERIAL	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE- RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)	AMOUNT (cubic feet)	METHOD OF PLACEMENT	
				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

[illegible]

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 2 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: C-5069 Pod 1

Well owner: Devon Energy Production Company, LP

Phone No.: (575) 689-7597

Mailing address: 5315 Buena Vista Dr.

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: 5-8-26 Date well plugging concluded: 5-8-26

5) GPS Well Location: Latitude: 32 deg, 17 min, 56.59 sec
Longitude: 103 deg, 34 min, 0.90 sec, WGS 84

6) Depth of well confirmed at initiation of plugging as: 118 ft below ground level (bgl),
by the following manner: well sounder

7) Static water level measured at initiation of plugging: N/A ft bgl

8) Date well plugging plan of operations was approved by the State Engineer: 4/3/26

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):

- For each interval plugged, describe within the following columns:**

[illegible]

MULTIPLY		BY	AND OBTAIN
cubic feet	x	7.4805	= gallons
cubic yards	x	201.97	= gallons

I, James Hawley, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

Signature of _____

Signature of Well Driller

5/8/26

Date _____



APPENDIX B

Lithologic Soil Sampling Logs

					Sample Name: BH01		Date: 4/24/26	
					Site Name: Thistle Pipeline Leak			
					Incident Number: nAPP2606244936			
					Job Number: 03A1987222			
LITHOLOGIC / SOIL SAMPLING LOG					Logged By: Israel Estrella		Method: Hand Auger	
Coordinates: 32.298192, -103.568474					Hole Diameter: 3"		Total Depth: 1 FT.	
Comments: Field screening conducted with HACH Chloride Test Strips and PetroFLAG for chloride and TPH, respectively. 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	902		Y	BH01	0	0	SP	Very fine grain red sand, non plastic, non cohesive.
	156	4	N	BH01	0.5			
	ND	4			1	1		
Total Depth 1 ft. BGS								

 ENSOLUM					Sample Name: BH02		Date: 4/24/26	
					Site Name: Thistle Pipeline Leak			
					Incident Number: nAPP2606244936			
					Job Number: 03A1987222			
LITHOLOGIC / SOIL SAMPLING LOG					Logged By: Israel Estrella		Method: Hand Auger	
Coordinates: 32.298239, -103.568510					Hole Diameter: 3"		Total Depth: 9'	
Comments: Field screening conducted with HACH Chloride Test Strips and PetroFLAG for chloride and TPH, respectively. 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	7,571		Y	BH02	0	0	SP	Very fine grain red sand, non plastic, non cohesive.
				BH02	1	1		
					2	2		
				BH02	3	3		
					4	4		
			N	BH02	5	5		
					6	6		
				BH02	7	7		
					8	8		Very fine grain red sand with caliche, non plastic, non cohesive.
	<3,539			BH02	9	9		
Total Depth @ 9 ft. BGS								

								Sample Name: BH03		Date: 4/24/26, 8/7/26	
								Site Name: Thistle Pipeline Leak			
								Incident Number: nAPP2606244936			
								Job Number: 03A1987222			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: IE, LL		Method: Hand Auger	
Coordinates: 32.298324, -103.568536								Hole Diameter: 3"		Total Depth: 9'	
Comments: Field screening conducted with HACH Chloride Test Strips and PetroFLAG for chloride and TPH, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factors included. Went back with Depree and a backpack drill and bored down from 9' to 12'											
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions			
M	7,560		Y	BH03	0	0	SP	Very fine grain red sand, non plastic, non cohesive.			
				BH03	1	1					
					2	2					
		BH03	3	3							
			4	4							
		BH03	5	5							
			6	6							
		BH03	7	7	Very fine grain red sand with caliche, non plastic, non cohesive.						
			8	8							
		BH03	9	9	SP	Very fine grained sand, red in color, non plastic, non cohesive.					
			10	10							
		11	11								
	<3,539			BH03	12	12					

								Sample Name: BH04		Date: 4/24/26, 8/7/2026	
								Site Name: Thistle Pipeline Leak			
								Incident Number: nAPP2606244936			
								Job Number: 03A1987222			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: IE, LL		Method: Hand Auger	
Coordinates: 32.298288, -103.568727								Hole Diameter: 3"		Total Depth: 16'	
Comments: Field screening conducted with HACH Chloride Test Strips and PetroFLAG for chloride and TPH, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factors included. Went back with Depree and a backpack drill and bored down from 9' to 16'. For a total of 16' bgs.											
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions			
M	10,416		Y	BH04	0	0	SP	Very fine grain red sand, non plastic, non cohesive.			
				BH04	1	1					
					2	2					
				BH04	3	3					
					4	4					
				BH04	5	5					
					6	6					
	N	BH04	7	7	SP	Very fine grain red sand with caliche, non plastic, non cohesive.					
			8	8							
		BH04	9	9							
			10	10							
	35,302			BH04	11	11	SP	Very fine grained sand, red in color, non plastic, non cohesive.			
	35,302										
	3,589			BH04	12	12					

 ENSOLUM					Sample Name: BH04		Date: 4/24/26 , 8/7/2026	
					Site Name: Thistle Pipeline Leak			
					Incident Number: nAPP2606244936			
					Job Number: 03A1987222			
LITHOLOGIC / SOIL SAMPLING LOG					Logged By: IE, LL		Method: Hand Auger	
Coordinates: 32.298288, -103.568727					Hole Diameter: 3"		Total Depth: 16'	
Comments: Field screening conducted with HACH Chloride Test Strips and PetroFLAG for chloride and TPH, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factors included. Went back with Depree and a backpack drill and bored down from 9' to 16'. For a total of 16' bgs								
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	3,320				13	13		Very fine grained sand, red in color, non plastic, non cohesive.
	5,908			BH04	14	14		
	2,464		N		15	15	SP	
	179			BH04	16	16		
Total Depth @ 16' bgs								

								Sample Name: BH05		Date: 4/24/26	
								Site Name: Thistle Pipeline Leak			
								Incident Number: nAPP2606244936			
								Job Number: 03A1987222			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Israel Estrella		Method: Hand Auger	
Coordinates: 32.298411, -103.568598								Hole Diameter: 3"		Total Depth: 9'	
Comments: Field screening conducted with HACH Chloride Test Strips and PetroFLAG for chloride and TPH, respectively. 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	12,230		Y	BH05	0	0	SP	Very fine grain red sand, non plastic, non cohesive.			
				BH05	1	1					
					2	2					
					3	3					
				BH05	4	4					
					5	5					
					6	6					
				BH05	7	7					
					8	8		Very fine grain red sand with caliche, non plastic, non cohesive.			
	BH05	9	9								
Total Depth = 9'											

								Sample Name: BH06	Date: 4/24/26
								Site Name: Thistle Pipeline Leak	
								Incident Number: nAPP2606244936	
								Job Number: 03A1987222	
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Israel Estrella	Method: Hand Auger
Coordinates: 32.298554, -103.568686								Hole Diameter: 3"	Total Depth: 9 FT.
Comments: Field screening conducted with HACH Chloride Test Strips and PetroFLAG for chloride and TPH, respectively. 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	2,144		Y	BH06	0	0	SP	Very fine grain red sand, non plastic, non cohesive.	
				BH06	1	1			
					2	2			
		BH06	3	3					
			4	4					
	N	BH06	5	5					
	1,248		BH06	7	7				
190	72		BH06	8	8		Very fine grain red sand with caliche, non plastic, non cohesive.		
ND	62				9	9			
Total Depth 9 ft. BGS									



APPENDIX C

NMSLO Cultural Resources



NMSLO Cultural Resources Cover Sheet

Survey Complete Form

To: Cultural Resources Office, New Mexico State Land Office, Santa Fe, New Mexico

Re: Proposed "Devon's Thistle Line Remediation" project

Notification of Intent to Survey ID: N-20260313-003333

Cultural Resource Survey

NMCRIS Activity No.: 160746

Findings: Negative

Have avoidance and protection Measures been devised? Yes

Comments:

Submitted on: 3/26/2026 at 12:25 PM MDT

Proposed Project Details

Permitted Cultural Consultant Name: Beaver Creek Archaeology, Inc.

Permitted Cultural Consultant Phone Number:
(701) 663 - 5521

Permitted Cultural Consultant Email Address:
rhanley@bcarch.org

Ensolum on behalf of Devon has contracted Beaver Creek Archaeology, Inc. to conduct a cultural resources survey for a proposed project "Devon's Thistle Line Remediation" located on New Mexico State Trust Lands in T23S R33E S15, 16 in Lea. The survey is estimated to begin on 03/13/2026. The total acreage of the proposed project area is 4.33. The Lead Agency for this project is SLO.

NMSLO Administrative Use Only:

NMSLO Lease Number: _____

Lease Analyst: _____



United States Department of the Interior

FISH AND WILDLIFE SERVICE
New Mexico Ecological Services Field Office
2105 Osuna Road Ne
Albuquerque, NM 87113-1001
Phone: (505) 346-2525 Fax: (505) 346-2542



In Reply Refer To:
Project Code: 2026-0059531
Project Name: Thistle Pipeline Leak

03/06/2026 21:11:11 UTC

Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

To Whom It May Concern:

Thank you for your recent request for information on federally listed species and important wildlife habitats that may occur in your project area. The U.S. Fish and Wildlife Service (Service) has responsibility for certain species of New Mexico wildlife under the Endangered Species Act (ESA) of 1973 as amended (16 USC 1531 *et seq.*), the Migratory Bird Treaty Act as amended (16 USC 701-715), and the Bald and Golden Eagle Protection Act as amended (16 USC 668-668(c)). We are providing the following guidance to assist you in determining which federally imperiled species may or may not occur within your project area, and to recommend some conservation measures that can be included in your project design.

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the ESA of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the ESA, the accuracy of this species list should be verified after 90 days. The Service recommends that verification be completed by visiting the IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the IPaC system by completing the same process used to receive the enclosed list.

The purpose of the ESA is to provide a means whereby threatened and endangered species and

the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the ESA and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (NEPA; 42 USC 4332(2) (c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at <https://www.fws.gov/sites/default/files/documents/endangered-species-consultation-handbook.pdf>.

Candidate Species and Other Sensitive Species

A list of candidate and other sensitive species in your area is also attached. Candidate species and other sensitive species are species that have no legal protection under the ESA, although we recommend that candidate and other sensitive species be included in your surveys and considered for planning purposes. The Service monitors the status of these species. If significant declines occur, these species could potentially be listed. Therefore, actions that may contribute to their decline should be avoided.

Lists of sensitive species including State-listed endangered and threatened species are compiled by New Mexico State agencies. These lists, along with species information, can be found at the following websites.

Biota Information System of New Mexico (BISON-M): www.bison-m.org

New Mexico State Forestry. The New Mexico Endangered Plant Program:
<https://www.emnrd.nm.gov/sfd/rare-plants/>

New Mexico Rare Plant Technical Council, New Mexico Rare Plants: nmrareplants.unm.edu

Natural Heritage New Mexico, online species database: nhnm.unm.edu

WETLANDS AND FLOODPLAINS

Under Executive Orders 11988 and 11990, Federal agencies are required to minimize the destruction, loss, or degradation of wetlands and floodplains, and preserve and enhance their natural and beneficial values. These habitats should be conserved through avoidance, or mitigated to ensure that there would be no net loss of wetlands function and value.

We encourage you to use the National Wetland Inventory (NWI) maps in conjunction with ground-truthing to identify wetlands occurring in your project area. The Service's NWI program website, www.fws.gov/wetlands/Data/Mapper.html, integrates digital map data with other resource information. We also recommend you contact the U.S. Army Corps of Engineers for permitting requirements under section 404 of the Clean Water Act if your proposed action could impact floodplains or wetlands.

MIGRATORY BIRDS

In addition to responsibilities to protect threatened and endangered species under the ESA, there are additional responsibilities under the Migratory Bird Treaty Act (MBTA) and the Bald and Golden Eagle Protection Act (BGEPA) to protect native birds from project-related impacts. Any activity resulting in take of migratory birds, including eagles, is prohibited unless otherwise permitted by the Service (50 CFR 10.12 and 16 USC 668(a)). For more information regarding these Acts, see <https://www.fws.gov/program/migratory-bird-permit/what-we-do>.

It is the responsibility of the project proponent to comply with these Acts by identifying potential impacts to migratory birds and eagles within applicable NEPA documents (when there is a Federal nexus) or a Bird/Eagle Conservation Plan (when there is no Federal nexus). Proponents should implement conservation measures to avoid or minimize the production of project-related stressors or minimize the exposure of birds and their resources to the project-related stressors. For more information on avian stressors and recommended conservation measures, see <https://www.fws.gov/library/collections/threats-birds>. We also recommend review of the Birds of Conservation Concern list (<https://www.fws.gov/media/birds-conservation-concern-2021>) to fully evaluate the effects to the birds at your site. This list identifies migratory and non-migratory bird species (beyond those already designated as federally threatened or endangered) that represent top conservation priorities for the Service, and are potentially threatened by disturbance, habitat impacts, or other project development activities.

In addition to MBTA and BGEPA, Executive Order 13186: *Responsibilities of Federal Agencies to Protect Migratory Birds*, obligates all Federal agencies that engage in or authorize activities that might affect migratory birds, to minimize those effects and encourage conservation measures that will improve bird populations. Executive Order 13186 thereby provides additional protection for both migratory birds and migratory bird habitat. Please visit <https://www.fws.gov/partner/council-conservation-migratory-birds> for information regarding the implementation of Executive Order 13186.

We suggest you contact the New Mexico Department of Game and Fish, and the New Mexico

Project code: 2026-0059531

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Energy, Minerals, and Natural Resources Department, Forestry Division for information regarding State protected and at-risk species fish, wildlife, and plants.

For further consultation with the Service we recommend submitting inquiries or assessments electronically to our incoming email box at nmesfo@fws.gov, where it will be more promptly routed to the appropriate biologist for review.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Code in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List

OFFICIAL SPECIES LIST

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

New Mexico Ecological Services Field Office

2105 Osuna Road Ne

Albuquerque, NM 87113-1001

(505) 346-2525

Project code: 2026-0059531

03/06/2026 21:11:11 UTC

PROJECT SUMMARY

Project Code: 2026-0059531

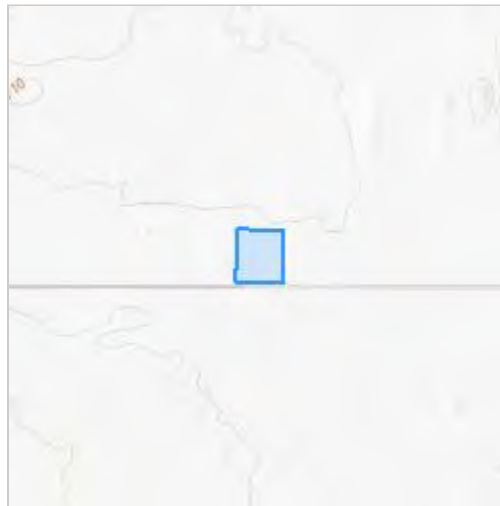
Project Name: Thistle Pipeline Leak

Project Type: NPL Site Remediation

Project Description: The scope of the project includes ground disturbance/excavation of a 4,704 sqft area in previously undisturbed areas off an access road. Excavation will be done within 90 days and contaminants released will be mechanically removed and hauled to an NMOCD approved disposal facility. Mitigation techniques include consultation on IPaC, and acquiring a report from the NMERT. If sensitive natural resources are indeed suspected to be within the vicinity of the project, the proper surveys will be conducted prior to ground disturbance.

Project Location:

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@32.29848295,-103.568575,14z>



Counties: Lea County, New Mexico

ENDANGERED SPECIES ACT SPECIES

There is a total of 2 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

-
1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

Project code: 2026-0059531

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BIRDS

NAME	STATUS
Northern Aplomado Falcon <i>Falco femoralis septentrionalis</i> Population: U.S.A (AZ, NM) No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/1923 General project design guidelines: https://ipac.ecosphere.fws.gov/project/SC6XGPNH55D6RLNRIFX2MK3PPM/documents/generated/8928.pdf	Experimental Population, Non- Essential

INSECTS

NAME	STATUS
Monarch Butterfly <i>Danaus plexippus</i> There is proposed critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/9743	Proposed Threatened

CRITICAL HABITATS

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

YOU ARE STILL REQUIRED TO DETERMINE IF YOUR PROJECT(S) MAY HAVE EFFECTS ON ALL ABOVE LISTED SPECIES.

Project code: 2026-0059531

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IPAC USER CONTACT INFORMATION

Agency: Ensolum, LLC
Name: Azad Vojdani
Address: 3122 National Parks Hwy
City: Carlsbad
State: NM
Zip: 88220
Email: avojdani@ensolum.com
Phone: 5055077103



PROJECT INFORMATION

Project Title: Thistle Pipeline Leak
Project Type: ENERGY DEVELOPMENT, OIL AND GAS DEVELOPMENT
Latitude/Longitude (DMS): 32.298452 / -103.568539
County(s): LEA
Project Description: The scope of the project includes ground disturbance/excavation of a 4,704 sqft area in previously undisturbed areas off an access road. Excavation will be done within 90 days and contaminants released will be mechanically removed and hauled to an NMOCD approved disposal facility. Mitigation techniques include consultation on IPaC, and acquiring a reprot from the NMERT. If sensitive natural resources are indeed suspected to be within the vicinity of the project, the proper surveys will be conducted prior to ground disturbance.

REQUESTOR INFORMATION

Project Organization:
Contact Name: Azad Vojdani
Email Address: avojdani@ensolum.com
Organization: Ensolum, LLC
Address: 3122 National Parks Hwy, Carlsbad NM 88220
Phone: 5055077103

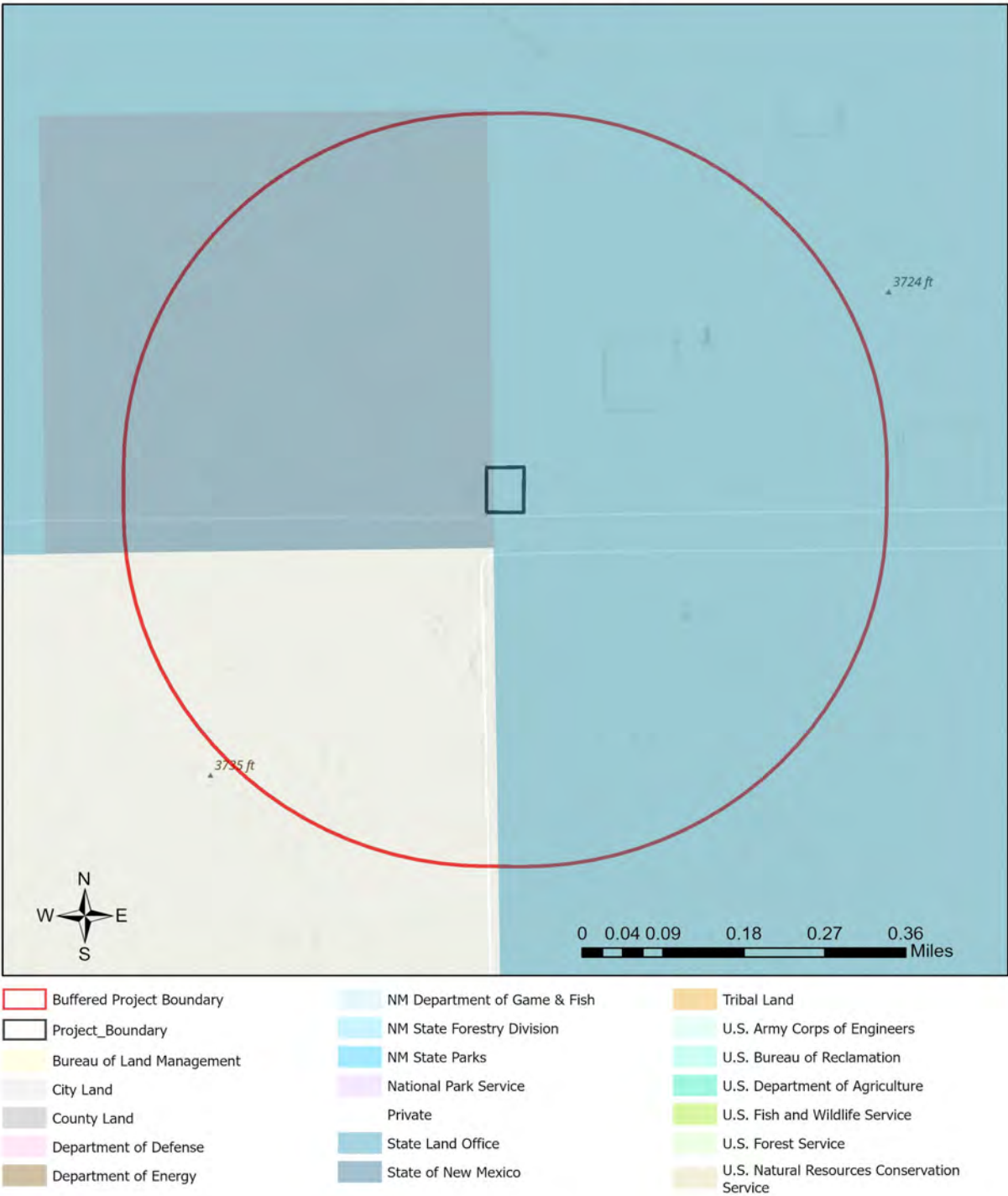
OVERALL STATUS

This report contains an initial list of recommendations regarding potential impacts to wildlife or wildlife habitats from the proposed project; see the Project Recommendations section below for further details. Your project proposal is being forwarded to a New Mexico Department of Wildlife (Department) biologist for review to determine whether there are any additional recommendations regarding the proposed actions. A Department biologist will be in touch within 30 days if there are further recommendations regarding this project proposal.

About this report:

- This environmental review is based on the project description and location that was entered. The report must be updated if the project type, area, or operational components are modified.
- This is a preliminary environmental screening assessment and report. It is not a substitute for the potential wildlife knowledge gained by having a biologist conduct a field survey of the project area. Federal status and plant data are provided as a courtesy to users. The review is also not intended to replace consultation required under the federal Endangered Species Act (ESA), including impact analyses for federal resources from the U.S. Fish and Wildlife Service (USFWS) using their [Information for Planning and Consultation tool](#).
- This report contains information on wildlife species protected under the ESA and the [Wildlife Conservation Act \(WCA\)](#), [Species of Greatest Conservation Need \(SGCN\)](#) (page 18, table 5), and Species of Economic and Recreational Importance (SERI). Species listed under the ESA are protected from take at the federal level and under the WCA are protected from take at the state level. SGCN are identified in the [State Wildlife Action Plan \(SWAP\) for New Mexico](#); all of these species are considered to be of conservation concern but not all of them are protected from take at the state or federal level. The harvest of all SERI is regulated at the state level. The Department has no authority to designate critical habitat for species listed under the WCA; only the USFWS can designate critical habitat for species listed under the ESA.
- The New Mexico Environmental Review Tool (ERT) utilizes species observation locations and species habitat suitability models, both of which are subject to ongoing change and refinement. Inclusion or omission of a species within a report cannot guarantee species presence or absence within your project area. To determine occurrence of any species listed in this report, or other wildlife that may be present within your project area, onsite surveys conducted by a qualified biologist during appropriate, species-specific survey timelines may be necessary.
- The Department encourages use of the ERT to modify proposed projects for avoidance, minimization, or mitigation of wildlife impacts. However, the ERT is not intended to be used in a repeatedly iterative fashion to adjust project attributes until a previously determined recommendation is generated. The ERT serves to assess impacts once project details are developed. The [New Mexico Crucial Habitat Assessment Tool](#), the data layers from which are included in the ERT, is the appropriate system for advising early-stage project planning and design to avoid areas of anticipated wildlife concerns and associated regulatory requirements.

Thistle Pipeline Leak



NHNM, USGS, USFS, US Census Bureau, NMDGF
Esri, NASA, NGA, USGS, FEMA
Esri Community Maps Contributors, New Mexico State University, Texas Parks & Wildlife, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census

Special Status Animal Species Potentially within 650 Meters of Project Area

Common Name	Scientific Name	USFWS (ESA)	NMDGF (WCA)	NMDGF SGCN/SERI	USFS	USFS SCC	BLM
Western Burrowing Owl	Athene cunicularia hypugaea			SGCN	Sensitive Species	USFS R3 SCC	BLM SENSITIVE
Common Nighthawk	Chordeiles minor			SGCN			
Loggerhead Shrike	Lanius ludovicianus			SGCN		USFS R3 SCC	BLM WATCH
Vesper Sparrow	Pooecetes gramineus			SGCN			
Black-Tailed Prairie Dog	Cynomys ludovicianus			SGCN	Sensitive Species		BLM SENSITIVE
Pronghorn	Antilocapra americana			SERI			
Desert Massasauga	Sistrurus catenatus edwardsii			SGCN			

Common Name hyperlink takes you to species account in [bison-m.org](#); Scientific Name hyperlink takes you to information in [NatureServe Explorer](#); ESA = Endangered Species Act, C = Candidate, LE = Listed Endangered, LT = Listed Threatened, XN = Non-essential Experimental Population, for other ESA codes see this [website](#); WCA = Wildlife Conservation Act, E = Endangered, T = Threatened; SERI = Species of Economic and Recreational Importance; SGCN = Species of Greatest Conservation Need; USFS = U.S. Forest Service, Sensitive Species = A species likely to occur on USFS lands that is of concern for a potential reduction in population viability; SCC = Species of Conservation Concern; BLM = Bureau of Land Management, BLM SENSITIVE = A species that occurs on BLM lands and whose viability is at risk, BLM WATCH = Species that may be added to the sensitive species list in future pending new information regarding species status.

Project Recommendations

Your proposed project activities may require a custom review for assessment of potential effects to wildlife. See the "OVERALL STATUS" section above to determine the likelihood that your project will be reviewed further based on its location. A Department biologist will confirm whether any additional conservation measures are needed. You should expect to receive any additional project recommendations within 30 days of your project submission. If the "OVERALL STATUS" section indicates that no further consultation with the Department is required based on its location, then you will only receive additional project feedback from the Department if a biologist deems it necessary.

Our preliminary assessment indicates your project occurs in Lesser Prairie-chicken Crucial Habitat Category 1 (Focal Area).

The Lesser Prairie-chicken (*Tympanuchus pallidicinctus*) (LPC) was designated as a SGCN in New Mexico and previously the southern Distinct Population Segment, including populations in New Mexico and Texas, was federally listed as Endangered. The LPC Interstate Working Group has developed the Southern Great Plains Crucial Habitat Assessment Tool ([SGP-CHAT](#)) to designate and prioritize areas for LPC conservation activities and development. Our preliminary assessment indicates your project occurs in LPC habitat. For more information on the SGP-CHAT, contact Chanda Pettie, Industry LPC Program Contact with the Western Association of Fish and Wildlife Agencies, at (719) 207-5053 or chanda.pettie@wafwa.org.

If your project has potential to lead to take (including harassment, harm, pursuit, hunting, shooting, wounding, killing, trapping, capturing, collecting, or attempting to engage in these activities) of a LPC and you entered into the Candidate Conservation Agreement (CCA) or CCA with Assurances (CCAA) for the LPC with [CEHMM](#), the Department recommends you contact CEHMM (575-885-3700). If your project may lead to take of a LPC and you did not enter the CCA/A with CEHMM, the Department recommends a qualified, permitted biologist conduct surveys for the LPC according to these [Lesser Prairie-chicken Survey Protocols](#) and mitigating the effects of project activities by buffering (>1.25 miles of known leks) and avoiding construction or off-road activities during the breeding season (March 1-July 15).

Since your project occurs within Lesser Prairie-chicken habitat, the Department recommends the following:

- As much as possible, avoid development within focal areas, connectivity zones, or within 1.25 miles of known Lesser Prairie-chicken (LPC) leks that have been active at least once within the previous five years, as well as project sites dominated by tracts of native grass and shrublands (see Southern Great plains Crucial Habitat Assessment Tool [SGP-CHAT](#) and Department staff for more information).
- As much as possible, focus development on lands already altered or cultivated (e.g., in areas with row-crop agriculture or developed oilfields) and away from areas of undeveloped native grass or shrublands. Select fragmented or degraded habitats over relatively intact areas, and select sites with lower LPC habitat potential over sites with greater habitat potential based on appropriate indicators, including Natural Resources Conservation Service Ecological Site Descriptions, specifically loamy, loamy sand, sandhills, sandy, sandy plains, shallow sandy, and very shallow.
- Where avoidance is not possible, use common rights of way for multiple types of infrastructure in locating new roads, fences, power lines, well pads, flowlines, compressors, and other associated infrastructure.
- Reduce impacts by using directional drilling and clustering (i.e., multiple wells per pad, common tank batteries) where feasible or locating facilities to reduce habitat loss and fragmentation.
- During the LPC lekking, nesting, and brooding season (March 1–July 15) within 1.25 miles of leks recorded as active within the previous five years, avoid the following as much as feasible: 1) non-emergency operations and construction and maintenance activities, where humans are present; 2) conducting seismic and similar activities that require off-road travel in rangelands or areas with Conservation Reserve Program or other native, planted grass cover. If these activities cannot be avoided during these times in these areas, then avoid conducting them between 3:00 and 9:00 AM. Allowed emergency operations include those that address human or environmental safety concerns or relate directly to operational continuity such as: responses to spills or well-control incidents (i.e., incidents related to down-hole pressures during drilling, completion, recompletion, or production operations); equipment or r-line repairs; unloading one or more tanks to prevent them from overflowing; patrolling to locate known breaks in electrical service; and activities related to security (e.g., preventing theft and vandalism), making a well productive again, or unplanned construction and maintenance that cannot be delayed.
- Where avoidance of areas within 1.25 miles of a LPC lek recorded as active within the previous five years is not possible, institute noise abatement year-round for new facilities and ensure that noise does not exceed 75 dB when measured at any point greater than 30 feet from the facility boundary.
- LPC lek surveys shall be required in areas located within SGP-CHAT categories 1-3 prior to conducting any breeding season seismic activities.

Burrowing owl (*Athene cunicularia*) may occur within your project area. Burrowing owls are protected from take by the Migratory Bird Treaty Act and under New Mexico state statute. Before any ground disturbing activities occur, the Department recommends that a preliminary burrowing owl survey be conducted by a qualified biologist using the Department's [Burrowing Owl Survey Protocol](#). Should burrowing owls be documented in the project area, please contact the Department or USFWS for further recommendations regarding relocation or avoidance of impacts.

Prairie dog colonies may occur within the vicinity of your project area. Both black-tailed prairie dogs (*Cynomys ludovicianus*) and Gunnison's prairie dogs (*Cynomys gunnisoni*) are designated as New Mexico SGCN, and their colonies provide important habitat for other grassland wildlife. Wherever possible, occupied prairie dog colonies should be left undisturbed, and all project activities should be directed off the colony. Any burrows that are located on the project site should be surveyed by a qualified biologist to determine whether burrows are active or inactive and whether burrowing owls may be utilizing the site. Colonies within the range of the black-tailed prairie dog can be surveyed by a qualified biologist diurnally, year-round using binoculars. Colonies within the range of the Gunnison's prairie dog can be surveyed by a qualified biologist diurnally, using binoculars during the warmer months from April through October and by searching for fairly fresh scat and lack of cobwebs or debris at the mouths of burrows during the cold months (November through March). If ground-disturbing activities cannot be relocated off the prairie dog colony, or if project activities involve control of prairie dogs, the Department recommends live-trapping and relocation of prairie dogs. The Department can provide recommendations regarding suitability of potential translocation areas and procedures.

Your project could affect important components of wildlife habitat, including fawning/calving or wintering areas for species such as deer and elk, or general high wildlife movement and activity areas for large mammals. Mitigation measures should focus on high use sites and movement areas based on collar data and expert knowledge of Department of Wildlife and land management agency personnel. Management recommendations within these areas may include the following.

- Restrictions on noise-generating activities during wintering and calving/fawning seasons, specific timing of which may vary throughout the state. These activities would include oil and gas well pad development and operations that expose wildlife to loud noises from drilling, compressors, and pumping stations within 400 feet of the source.
- Modifying fences along high use areas to make them wildlife friendly and facilitate large animal movement.

Disclaimers regarding recommendations:

- The Department provides technical guidance to support the persistence of all protected species of native fish and wildlife, including game and nongame wildlife species. Species listed within this report include those that have been documented to occur within the project area, and others that may not have been documented but are projected to occur within the project vicinity.
- Recommendations are provided by the Department under the authority of § 17-1-5.1 New Mexico Statutes Annotated 1978, to provide "communication and consultation with federal and other state agencies, local governments and communities, private organizations and affected interests responsible for habitat, wilderness, recreation, water quality and environmental protection to ensure comprehensive conservation services for hunters, anglers and nonconsumptive wildlife users".
- The Department has no authority for management of plants or Important Plant Areas. The [New Mexico Endangered Plant Program](#), under the Energy, Minerals, and Natural Resources Department's Forestry Division, identifies and develops conservation measures necessary to ensure the survival of plant species within New Mexico. Plant status information is provided within this report as a courtesy to users. Recommendations provided within the ERT may not be sufficient to preclude impacts to rare or sensitive plants, unless conservation measures are identified in coordination with the Endangered Plant Program.
- Additional coordination and/or consultation may also be necessary under the federal ESA or National Environmental Policy Act (NEPA). Further site-specific mitigation recommendations may be proposed during ESA consultation and/or NEPA analyses or through coordination with affected federal agencies.



APPENDIX D

Photographic Log



Photographic Log

Devon Energy Production Company, LP
Thistle Pipeline Leak
nAPP2606244936

<u>Photograph</u> 1	<u>Date</u> 3/3/2026	 Spill Area Ensolum, LLC Thistle Pipeline Spill 03 Mar 2026 9:37:02 AM MST
<u>Description</u> Site Investigation	<u>View</u> South	 Spill Area Ensolum, LLC Thistle Pipeline Spill 03 Mar 2026 9:38:04 AM MST
<u>Photograph</u> 2	<u>Date</u> 3/3/2026	<u>Description</u> Site Investigation
<u>View</u> North		



Photographic Log

Devon Energy Production Company, LP
Thistle Pipeline Leak
nAPP2606244936

<u>Photograph</u> 3	<u>Date</u> 3/3/2026	SE S SW 150 180 210 240 181°S (T) • 32.298321, -103.568852 ±3m ▲ 1106m  Spill Area Ensolum, LLC Thistle Pipeline Spill 03 Mar 2026 9:38:39 AM MST
<u>Description</u> Site Investigation	<u>View</u> South	
<u>Photograph</u> 4	<u>Date</u> 3/3/2026	SW W NW 210 240 270 300 256°SW (T) • 32.298537, -103.568577 ±3m ▲ 1106m  Spill Area Ensolum, LLC Thistle Pipeline Spill 03 Mar 2026 9:39:41 AM MST
<u>Description</u> Site Investigation	<u>View</u> West	



Photographic Log

Devon Energy Production Company, LP
Thistle Pipeline Leak
nAPP2606244936

<u>Photograph</u> 5	<u>Date</u> 4/23/2026	86°E (T) LAT: 32.298372 LON: -103.568769 ±16ft ▲ 3710ft SS04 Ensolum, LLC Thistle Pipeline Leak 23 Apr 2026, 13:24:53
<u>Description</u> Delineation	<u>View</u> East	
<u>Photograph</u> 6	<u>Date</u> 4/23/2026	271°W (T) LAT: 32.298232 LON: -103.568427 ±16ft ▲ 3709ft SS10 Ensolum, LLC Thistle Pipeline Leak 23 Apr 2026, 13:31:02
<u>Description</u> Delineation	<u>View</u> West	



Photographic Log

Devon Energy Production Company, LP
Thistle Pipeline Leak
nAPP2606244936

<u>Photograph</u> 7	<u>Date</u> 4/24/2026	SW W NW N 10 240 270 300 330 0 30 303°NW (T) LAT: 32.298203 LON: -103.568522 ±49ft ▲ 3717ft  BH02 Ensolum, LLC Thistle Pipeline Leak 24 Apr 2026, 10:08:57
<u>Description</u> Delineation	<u>View</u> Northwest	
<u>Photograph</u> 8	<u>Date</u> 4/24/2026	E SE S SW 90 120 150 180 210 240 161°S (T) LAT: 32.298412 LON: -103.568614 ±9ft ▲ 3716ft  BH05 Ensolum, LLC Thistle Pipeline Leak 24 Apr 2026, 10:38:54
<u>Description</u> Delineation	<u>View</u> South	



Photographic Log

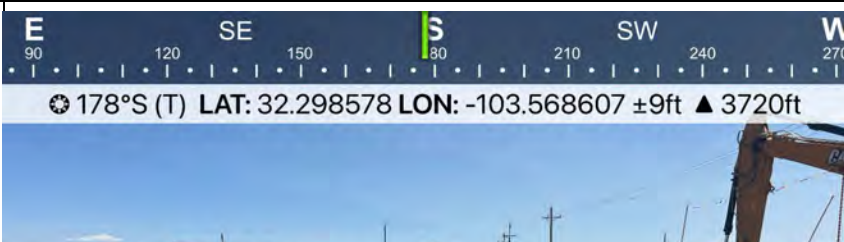
Devon Energy Production Company, LP
Thistle Pipeline Leak
nAPP2606244936

<u>Photograph</u> 9	<u>Date</u> 7/7/2026	NW N NE E S 330 0 30 60 90 120 39°NE (T) LAT: 32.298156 LON: -103.568624 ±29ft ▲ 3723ft  Hydrovac Ensolum, LLC Thistle Pipeline Leak 07 Jul 2026, 11:06:31
<u>Description</u> Hydro-vac	<u>View</u> Northeast	E SE S SW 90 120 150 180 210 240 167°S (T) LAT: 32.298614 LON: -103.568637 ±13ft ▲ 3715ft  Excavation Ensolum, LLC Thistle Pipeline Leak 07 Jul 2026, 14:09:30
<u>Photograph</u> 10	<u>Date</u> 7/7/2026	<u>Description</u> Excavation
<u>View</u> South		



Photographic Log

Devon Energy Production Company, LP
Thistle Pipeline Leak
nAPP2606244936

<u>Photograph</u> 11	<u>Date</u> 7/8/2026	 E 90 SE 120 150 S 180 SW 210 240 W 270 178°S (T) LAT: 32.298578 LON: -103.568607 ±9ft ▲ 3720ft
<u>Description</u> Excavation		 Excavation Ensolum, LLC Thistle Pipeline Leak 08 Jul 2026, 14:10:06
<u>View</u> South		
<u>Photograph</u> 12	<u>Date</u> 7/9/2026	 NW 300 N 330 NE 60 E 90 120 30°NE (T) LAT: 32.298097 LON: -103.568685 ±29ft ▲ 3724ft
<u>Description</u> Hydro-vac		
<u>View</u> Northeast		Excavation Ensolum, LLC Thistle Pipeline Leak 09 Jul 2026, 12:20:33



Photographic Log

Devon Energy Production Company, LP
Thistle Pipeline Leak
nAPP2606244936

<u>Photograph</u> 13	<u>Date</u> 7/10/2026	26°NE (T) LAT: 32.298145 LON: -103.568576 ±9ft ▲ 3726ft Excavation Ensolum, LLC Thistle Pipeline Leak 10 Jul 2026, 10:24:16
<u>Description</u> Excavation	<u>View</u> Northeast	
<u>Photograph</u> 14	<u>Date</u> 7/13/2026	152°SE (T) LAT: 32.298333 LON: -103.568564 ±13ft ▲ 3732ft Excavation Ensolum, LLC Thistle Pipeline Leak 13 Jul 2026, 13:54:29
<u>Description</u> Excavation	<u>View</u> Southeast	



Photographic Log

Devon Energy Production Company, LP
Thistle Pipeline Leak
nAPP2606244936

<u>Photograph</u> 15	<u>Date</u> 7/14/2026	350°N (T) LAT: 32.298314 LON: -103.568721 ±32ft ▲ 3675ft  Excavation Ensolum, LLC Thistle Pipeline Leak 14 Jul 2026, 14:46:20
<u>Description</u> Excavation		
<u>View</u> North		
<u>Photograph</u> 16	<u>Date</u> 7/15/2026	100°E (T) LAT: 32.298315 LON: -103.568875 ±9ft ▲ 3720ft  Excavation Ensolum, LLC Thistle Pipeline Leak 15 Jul 2026, 14:26:10
<u>Description</u> Excavation		
<u>View</u> East		



Photographic Log

Devon Energy Production Company, LP
Thistle Pipeline Leak
nAPP2606244936

<u>Photograph</u> 17	<u>Date</u> 7/16/2026	W 270 NW 300 330 N 0 NE 30 60 347°N (T) LAT: 32.298166 LON: -103.568552 ±26ft ▲ 3723ft  Excavation Ensolum, LLC Thistle Pipeline Leak 16 Jul 2026, 15:59:50
<u>Description</u> Excavation	<u>View</u> North	
<u>Photograph</u> 18	<u>Date</u> 7/16/2026	S 30 SW 210 240 W 270 NW 300 330 N 0 274°W (T) LAT: 32.298276 LON: -103.568383 ±13ft ▲ 3723ft  Excavation Ensolum, LLC Thistle Pipeline Leak 16 Jul 2026, 16:02:37
<u>Description</u> Excavation	<u>View</u> West	



Photographic Log

Devon Energy Production Company, LP
Thistle Pipeline Leak
nAPP2606244936

<u>Photograph</u> 19	<u>Date</u> 7/16/2026	347°N (T) LAT: 32.298166 LON: -103.568552 ±26ft ▲ 3723ft  Excavation Ensolum, LLC Thistle Pipeline Leak 16 Jul 2026, 15:59:50
<u>Description</u> Excavation	<u>View</u> North	
<u>Photograph</u> 20	<u>Date</u> 8/7/2026	10°N (T) LAT: 32.298237 LON: -103.568748 ±13ft ▲ 3718ft  BH04 - 16' Ensolum, LLC Thistle Pipeline Leak 07 Aug 2026, 13:27:31
<u>Description</u> Delineation	<u>View</u> North	

Photographic Log

Devon Energy Production Company, LP
Thistle Pipeline Leak
nAPP2606244936

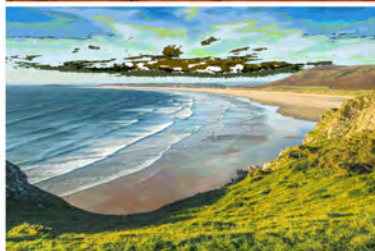
<u>Photograph</u> 21	<u>Date</u> 8/14/2026	W 270 NW N 0 300 330 ☉ 303°W (T) • 32.298157, -103.568674 ±3m ▲ 1107m  Backfill Thistle Pipeline Leak 14 Aug 2026 11:14:05 AM CDT
<u>Description</u> Backfill		
<u>View</u> Northwest		
<u>Photograph</u> 20	<u>Date</u> 8/14/2026	SE S 180 SW 150 210 240 ☉ 193°S (T) • 32.298452, -103.568456 ±3m ▲ 1110m  Backfill Thistle Pipeline Leak 14 Aug 2026 11:19:44 AM CDT
<u>Description</u> Backfill		
<u>View</u> South		



APPENDIX E

Laboratory Analytical Reports & Chain-of-Custody Documentation

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Thistle Pipeline Leak

Work Order: E604319

Job Number: 01058-0007

Received: 4/27/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/1/26

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: 5/1/26



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

Project Name: Thistle Pipeline Leak
Workorder: E604319
Date Received: 4/27/2026 6:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/27/2026 6:00:00AM, under the Project Name: Thistle Pipeline Leak.

The analytical test results summarized in this report with the Project Name: Thistle Pipeline 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

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Thistle Pipeline Leak	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	05/01/26 10:57

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS01-0'	E604319-01A	Soil	04/23/26	04/27/26	Glass Jar, 2 oz.
SS02-0'	E604319-02A	Soil	04/23/26	04/27/26	Glass Jar, 2 oz.
SS03-0'	E604319-03A	Soil	04/23/26	04/27/26	Glass Jar, 2 oz.
SS04-0'	E604319-04A	Soil	04/23/26	04/27/26	Glass Jar, 2 oz.
SS05-0'	E604319-05A	Soil	04/23/26	04/27/26	Glass Jar, 2 oz.
SS06-0'	E604319-06A	Soil	04/23/26	04/27/26	Glass Jar, 2 oz.
SS07-0'	E604319-07A	Soil	04/23/26	04/27/26	Glass Jar, 2 oz.
SS08-0'	E604319-08A	Soil	04/23/26	04/27/26	Glass Jar, 2 oz.
SS09-0'	E604319-09A	Soil	04/23/26	04/27/26	Glass Jar, 2 oz.
SS10-0'	E604319-10A	Soil	04/23/26	04/27/26	Glass Jar, 2 oz.
SS01-1'	E604319-11A	Soil	04/23/26	04/27/26	Glass Jar, 2 oz.
SS02-1'	E604319-12A	Soil	04/23/26	04/27/26	Glass Jar, 2 oz.
SS03-1'	E604319-13A	Soil	04/23/26	04/27/26	Glass Jar, 2 oz.
SS04-1'	E604319-14A	Soil	04/23/26	04/27/26	Glass Jar, 2 oz.
SS05-1'	E604319-15A	Soil	04/23/26	04/27/26	Glass Jar, 2 oz.
SS06-1'	E604319-16A	Soil	04/23/26	04/27/26	Glass Jar, 2 oz.
SS07-1'	E604319-17A	Soil	04/23/26	04/27/26	Glass Jar, 2 oz.
SS08-1'	E604319-18A	Soil	04/23/26	04/27/26	Glass Jar, 2 oz.
SS09-1'	E604319-19A	Soil	04/23/26	04/27/26	Glass Jar, 2 oz.
SS10-1'	E604319-20A	Soil	04/23/26	04/27/26	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Thistle Pipeline Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 5/1/2026 10:57:08AM
--	---	----------------------------------

SS01-0'

E604319-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2618022	
Benzene	ND	0.0250	1	04/27/26	04/28/26	
Ethylbenzene	ND	0.0250	1	04/27/26	04/28/26	
Toluene	ND	0.0250	1	04/27/26	04/28/26	
o-Xylene	ND	0.0250	1	04/27/26	04/28/26	
p,m-Xylene	ND	0.0500	1	04/27/26	04/28/26	
Total Xylenes	ND	0.0250	1	04/27/26	04/28/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		111 %	70-130	04/27/26	04/28/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2618022	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/27/26	04/28/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		101 %	70-130	04/27/26	04/28/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2618074	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/26	04/29/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/26	04/29/26	
<i>Surrogate: n-Nonane</i>		104 %	69-135	04/29/26	04/29/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2618060	
Chloride	25.7	20.0	1	04/28/26	04/29/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
5/1/2026 10:57:08AM

SS02-0'

E604319-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2618022
Benzene	ND	0.0250	1	04/27/26	04/28/26	
Ethylbenzene	ND	0.0250	1	04/27/26	04/28/26	
Toluene	ND	0.0250	1	04/27/26	04/28/26	
o-Xylene	ND	0.0250	1	04/27/26	04/28/26	
p,m-Xylene	ND	0.0500	1	04/27/26	04/28/26	
Total Xylenes	ND	0.0250	1	04/27/26	04/28/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		109 %	70-130	04/27/26	04/28/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2618022
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/27/26	04/28/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		101 %	70-130	04/27/26	04/28/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2618074
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/26	04/29/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/26	04/29/26	
<i>Surrogate: n-Nonane</i>						
		102 %	69-135	04/29/26	04/29/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2618060
Chloride	ND	20.0	1	04/28/26	04/29/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
5/1/2026 10:57:08AM

SS03-0'

E604319-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2618022
Benzene	ND	0.0250	1	04/27/26	04/28/26	
Ethylbenzene	ND	0.0250	1	04/27/26	04/28/26	
Toluene	ND	0.0250	1	04/27/26	04/28/26	
o-Xylene	ND	0.0250	1	04/27/26	04/28/26	
p,m-Xylene	ND	0.0500	1	04/27/26	04/28/26	
Total Xylenes	ND	0.0250	1	04/27/26	04/28/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		112 %	70-130	04/27/26	04/28/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2618022
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/27/26	04/28/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		101 %	70-130	04/27/26	04/28/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2618074
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/26	04/29/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/26	04/29/26	
<i>Surrogate: n-Nonane</i>						
		105 %	69-135	04/29/26	04/29/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2618060
Chloride	ND	20.0	1	04/28/26	04/29/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
5/1/2026 10:57:08AM

SS04-0'

E604319-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2618022	
Benzene	ND	0.0250	1	04/27/26	04/28/26	
Ethylbenzene	ND	0.0250	1	04/27/26	04/28/26	
Toluene	ND	0.0250	1	04/27/26	04/28/26	
o-Xylene	ND	0.0250	1	04/27/26	04/28/26	
p,m-Xylene	ND	0.0500	1	04/27/26	04/28/26	
Total Xylenes	ND	0.0250	1	04/27/26	04/28/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		110 %	70-130	04/27/26	04/28/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2618022	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/27/26	04/28/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		100 %	70-130	04/27/26	04/28/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2618074	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/26	04/29/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/26	04/29/26	
<i>Surrogate: n-Nonane</i>		105 %	69-135	04/29/26	04/29/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2618060	
Chloride	ND	20.0	1	04/28/26	04/29/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
5/1/2026 10:57:08AM

SS05-0'

E604319-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2618022
Benzene	ND	0.0250	1	04/27/26	04/28/26	
Ethylbenzene	ND	0.0250	1	04/27/26	04/28/26	
Toluene	ND	0.0250	1	04/27/26	04/28/26	
o-Xylene	ND	0.0250	1	04/27/26	04/28/26	
p,m-Xylene	ND	0.0500	1	04/27/26	04/28/26	
Total Xylenes	ND	0.0250	1	04/27/26	04/28/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		112 %	70-130	04/27/26	04/28/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2618022
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/27/26	04/28/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		102 %	70-130	04/27/26	04/28/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2618074
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/26	04/29/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/26	04/29/26	
<i>Surrogate: n-Nonane</i>						
		103 %	69-135	04/29/26	04/29/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2618060
Chloride	ND	20.0	1	04/28/26	04/29/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
5/1/2026 10:57:08AM

SS06-0'

E604319-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2618022
Benzene	ND	0.0250	1	04/27/26	04/28/26	
Ethylbenzene	ND	0.0250	1	04/27/26	04/28/26	
Toluene	ND	0.0250	1	04/27/26	04/28/26	
o-Xylene	ND	0.0250	1	04/27/26	04/28/26	
p,m-Xylene	ND	0.0500	1	04/27/26	04/28/26	
Total Xylenes	ND	0.0250	1	04/27/26	04/28/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		109 %	70-130	04/27/26	04/28/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2618022
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/27/26	04/28/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		100 %	70-130	04/27/26	04/28/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2618074
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/26	04/29/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/26	04/29/26	
<i>Surrogate: n-Nonane</i>						
		105 %	69-135	04/29/26	04/29/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2618060
Chloride	ND	20.0	1	04/28/26	04/29/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
5/1/2026 10:57:08AM

SS07-0'

E604319-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2618022
Benzene	ND	0.0250	1	04/27/26	04/28/26	
Ethylbenzene	ND	0.0250	1	04/27/26	04/28/26	
Toluene	ND	0.0250	1	04/27/26	04/28/26	
o-Xylene	ND	0.0250	1	04/27/26	04/28/26	
p,m-Xylene	ND	0.0500	1	04/27/26	04/28/26	
Total Xylenes	ND	0.0250	1	04/27/26	04/28/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		109 %	70-130	04/27/26	04/28/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2618022
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/27/26	04/28/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		101 %	70-130	04/27/26	04/28/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2618074
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/26	04/29/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/26	04/29/26	
<i>Surrogate: n-Nonane</i>						
		106 %	69-135	04/29/26	04/29/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2618060
Chloride	ND	20.0	1	04/28/26	04/29/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
5/1/2026 10:57:08AM

SS08-0'

E604319-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2618022
Benzene	ND	0.0250	1	04/27/26	04/28/26	
Ethylbenzene	ND	0.0250	1	04/27/26	04/28/26	
Toluene	ND	0.0250	1	04/27/26	04/28/26	
o-Xylene	ND	0.0250	1	04/27/26	04/28/26	
p,m-Xylene	ND	0.0500	1	04/27/26	04/28/26	
Total Xylenes	ND	0.0250	1	04/27/26	04/28/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		106 %	70-130	04/27/26	04/28/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2618022
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/27/26	04/28/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		101 %	70-130	04/27/26	04/28/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2618074
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/26	04/29/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/26	04/29/26	
<i>Surrogate: n-Nonane</i>						
		103 %	69-135	04/29/26	04/29/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2618060
Chloride	ND	20.0	1	04/28/26	04/29/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
5/1/2026 10:57:08AM

SS09-0'

E604319-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2618022
Benzene	ND	0.0250	1	04/27/26	04/28/26	
Ethylbenzene	ND	0.0250	1	04/27/26	04/28/26	
Toluene	ND	0.0250	1	04/27/26	04/28/26	
o-Xylene	ND	0.0250	1	04/27/26	04/28/26	
p,m-Xylene	ND	0.0500	1	04/27/26	04/28/26	
Total Xylenes	ND	0.0250	1	04/27/26	04/28/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		111 %	70-130	04/27/26	04/28/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2618022
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/27/26	04/28/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		102 %	70-130	04/27/26	04/28/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2618074
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/26	04/29/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/26	04/29/26	
<i>Surrogate: n-Nonane</i>						
		105 %	69-135	04/29/26	04/29/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2618060
Chloride	ND	20.0	1	04/28/26	04/29/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
5/1/2026 10:57:08AM

SS10-0'

E604319-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2618022
Benzene	ND	0.0250	1	04/27/26	04/28/26	
Ethylbenzene	ND	0.0250	1	04/27/26	04/28/26	
Toluene	ND	0.0250	1	04/27/26	04/28/26	
o-Xylene	ND	0.0250	1	04/27/26	04/28/26	
p,m-Xylene	ND	0.0500	1	04/27/26	04/28/26	
Total Xylenes	ND	0.0250	1	04/27/26	04/28/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		111 %	70-130	04/27/26	04/28/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2618022
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/27/26	04/28/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		101 %	70-130	04/27/26	04/28/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2618074
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/26	04/29/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/26	04/29/26	
<i>Surrogate: n-Nonane</i>						
		104 %	69-135	04/29/26	04/29/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2618060
Chloride	ND	20.0	1	04/28/26	04/29/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
5/1/2026 10:57:08AM

SS01-1'

E604319-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2618022
Benzene	ND	0.0250	1	04/27/26	04/28/26	
Ethylbenzene	ND	0.0250	1	04/27/26	04/28/26	
Toluene	ND	0.0250	1	04/27/26	04/28/26	
o-Xylene	ND	0.0250	1	04/27/26	04/28/26	
p,m-Xylene	ND	0.0500	1	04/27/26	04/28/26	
Total Xylenes	ND	0.0250	1	04/27/26	04/28/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		108 %	70-130	04/27/26	04/28/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2618022
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/27/26	04/28/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		101 %	70-130	04/27/26	04/28/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2618074
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/26	04/29/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/26	04/29/26	
<i>Surrogate: n-Nonane</i>						
		102 %	69-135	04/29/26	04/29/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2618060
Chloride	66.9	20.0	1	04/28/26	04/29/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
5/1/2026 10:57:08AM

SS02-1'

E604319-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2618022
Benzene	ND	0.0250	1	04/27/26	04/28/26	
Ethylbenzene	ND	0.0250	1	04/27/26	04/28/26	
Toluene	ND	0.0250	1	04/27/26	04/28/26	
o-Xylene	ND	0.0250	1	04/27/26	04/28/26	
p,m-Xylene	ND	0.0500	1	04/27/26	04/28/26	
Total Xylenes	ND	0.0250	1	04/27/26	04/28/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		113 %	70-130	04/27/26	04/28/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2618022
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/27/26	04/28/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		99.8 %	70-130	04/27/26	04/28/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2618074
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/26	04/29/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/26	04/29/26	
<i>Surrogate: n-Nonane</i>						
		101 %	69-135	04/29/26	04/29/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2618060
Chloride	ND	20.0	1	04/28/26	04/29/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
5/1/2026 10:57:08AM

SS03-1'

E604319-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2618022	
Benzene	ND	0.0250	1	04/27/26	04/28/26	
Ethylbenzene	ND	0.0250	1	04/27/26	04/28/26	
Toluene	ND	0.0250	1	04/27/26	04/28/26	
o-Xylene	ND	0.0250	1	04/27/26	04/28/26	
p,m-Xylene	ND	0.0500	1	04/27/26	04/28/26	
Total Xylenes	ND	0.0250	1	04/27/26	04/28/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	108 %	70-130		04/27/26	04/28/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2618022	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/27/26	04/28/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	102 %	70-130		04/27/26	04/28/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2618074	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/26	04/29/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/26	04/29/26	
<i>Surrogate: n-Nonane</i>						
	103 %	69-135		04/29/26	04/29/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2618060	
Chloride	ND	20.0	1	04/28/26	04/29/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
5/1/2026 10:57:08AM

SS04-1'

E604319-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2618022
Benzene	ND	0.0250	1	04/27/26	04/28/26	
Ethylbenzene	ND	0.0250	1	04/27/26	04/28/26	
Toluene	ND	0.0250	1	04/27/26	04/28/26	
o-Xylene	ND	0.0250	1	04/27/26	04/28/26	
p,m-Xylene	ND	0.0500	1	04/27/26	04/28/26	
Total Xylenes	ND	0.0250	1	04/27/26	04/28/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		107 %	70-130	04/27/26	04/28/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2618022
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/27/26	04/28/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		101 %	70-130	04/27/26	04/28/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2618074
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/26	04/29/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/26	04/29/26	
<i>Surrogate: n-Nonane</i>						
		102 %	69-135	04/29/26	04/29/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2618060
Chloride	ND	20.0	1	04/28/26	04/29/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
5/1/2026 10:57:08AM

SS05-1'

E604319-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2618022
Benzene	ND	0.0250	1	04/27/26	04/28/26	
Ethylbenzene	ND	0.0250	1	04/27/26	04/28/26	
Toluene	ND	0.0250	1	04/27/26	04/28/26	
o-Xylene	ND	0.0250	1	04/27/26	04/28/26	
p,m-Xylene	ND	0.0500	1	04/27/26	04/28/26	
Total Xylenes	ND	0.0250	1	04/27/26	04/28/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		107 %	70-130	04/27/26	04/28/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2618022
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/27/26	04/28/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		100 %	70-130	04/27/26	04/28/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2618074
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/26	04/29/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/26	04/29/26	
<i>Surrogate: n-Nonane</i>						
		102 %	69-135	04/29/26	04/29/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2618060
Chloride	ND	20.0	1	04/28/26	04/29/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
5/1/2026 10:57:08AM

SS06-1'

E604319-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2618022
Benzene	ND	0.0250	1	04/27/26	04/28/26	
Ethylbenzene	ND	0.0250	1	04/27/26	04/28/26	
Toluene	ND	0.0250	1	04/27/26	04/28/26	
o-Xylene	ND	0.0250	1	04/27/26	04/28/26	
p,m-Xylene	ND	0.0500	1	04/27/26	04/28/26	
Total Xylenes	ND	0.0250	1	04/27/26	04/28/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		107 %	70-130	04/27/26	04/28/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2618022
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/27/26	04/28/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		102 %	70-130	04/27/26	04/28/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2618074
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/26	04/29/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/26	04/29/26	
<i>Surrogate: n-Nonane</i>						
		104 %	69-135	04/29/26	04/29/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2618060
Chloride	ND	20.0	1	04/28/26	04/29/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
5/1/2026 10:57:08AM

SS07-1'

E604319-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2618022
Benzene	ND	0.0250	1	04/27/26	04/28/26	
Ethylbenzene	ND	0.0250	1	04/27/26	04/28/26	
Toluene	ND	0.0250	1	04/27/26	04/28/26	
o-Xylene	ND	0.0250	1	04/27/26	04/28/26	
p,m-Xylene	ND	0.0500	1	04/27/26	04/28/26	
Total Xylenes	ND	0.0250	1	04/27/26	04/28/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		107 %	70-130	04/27/26	04/28/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2618022
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/27/26	04/28/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		101 %	70-130	04/27/26	04/28/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2618074
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/26	04/29/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/26	04/29/26	
<i>Surrogate: n-Nonane</i>						
		104 %	69-135	04/29/26	04/29/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2618060
Chloride	ND	20.0	1	04/28/26	04/29/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
5/1/2026 10:57:08AM

SS08-1'

E604319-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2618022
Benzene	ND	0.0250	1	04/27/26	04/28/26	
Ethylbenzene	ND	0.0250	1	04/27/26	04/28/26	
Toluene	ND	0.0250	1	04/27/26	04/28/26	
o-Xylene	ND	0.0250	1	04/27/26	04/28/26	
p,m-Xylene	ND	0.0500	1	04/27/26	04/28/26	
Total Xylenes	ND	0.0250	1	04/27/26	04/28/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		106 %	70-130	04/27/26	04/28/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2618022
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/27/26	04/28/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		103 %	70-130	04/27/26	04/28/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2618074
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/26	04/29/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/26	04/29/26	
<i>Surrogate: n-Nonane</i>						
		104 %	69-135	04/29/26	04/29/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2618060
Chloride	ND	20.0	1	04/28/26	04/29/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
5/1/2026 10:57:08AM

SS09-1'

E604319-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2618022
Benzene	ND	0.0250	1	04/27/26	04/28/26	
Ethylbenzene	ND	0.0250	1	04/27/26	04/28/26	
Toluene	ND	0.0250	1	04/27/26	04/28/26	
o-Xylene	ND	0.0250	1	04/27/26	04/28/26	
p,m-Xylene	ND	0.0500	1	04/27/26	04/28/26	
Total Xylenes	ND	0.0250	1	04/27/26	04/28/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		107 %	70-130	04/27/26	04/28/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2618022
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/27/26	04/28/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		102 %	70-130	04/27/26	04/28/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2618074
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/26	04/30/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/26	04/30/26	
<i>Surrogate: n-Nonane</i>						
		103 %	69-135	04/29/26	04/30/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2618060
Chloride	ND	20.0	1	04/28/26	04/29/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
5/1/2026 10:57:08AM

SS10-1'

E604319-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2618022
Benzene	ND	0.0250	1	04/27/26	04/28/26	
Ethylbenzene	ND	0.0250	1	04/27/26	04/28/26	
Toluene	ND	0.0250	1	04/27/26	04/28/26	
o-Xylene	ND	0.0250	1	04/27/26	04/28/26	
p,m-Xylene	ND	0.0500	1	04/27/26	04/28/26	
Total Xylenes	ND	0.0250	1	04/27/26	04/28/26	
Surrogate: 4-Bromochlorobenzene-PID		107 %	70-130	04/27/26	04/28/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2618022
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/27/26	04/28/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID		101 %	70-130	04/27/26	04/28/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2618074
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/26	04/30/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/26	04/30/26	
Surrogate: n-Nonane		105 %	69-135	04/29/26	04/30/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2618060
Chloride	20.5	20.0	1	04/28/26	04/29/26	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Thistle Pipeline Leak	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	5/1/2026 10:57:08AM

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 (2618022-BLK1)

Prepared: 04/27/26 Analyzed: 04/28/26

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	9.05		8.00		113	70-130			

LCS (2618022-BS1)

Prepared: 04/27/26 Analyzed: 04/28/26

Benzene	5.12	0.0250	5.00		102	70-130			
Ethylbenzene	4.84	0.0250	5.00		96.8	70-130			
Toluene	5.01	0.0250	5.00		100	70-130			
o-Xylene	4.96	0.0250	5.00		99.2	70-130			
p,m-Xylene	9.86	0.0500	10.0		98.6	70-130			
Total Xylenes	14.8	0.0250	15.0		98.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	9.01		8.00		113	70-130			

Matrix Spike (2618022-MS1)

Source: E604319-12

Prepared: 04/27/26 Analyzed: 04/28/26

Benzene	5.27	0.0250	5.00	ND	105	70-130			
Ethylbenzene	4.94	0.0250	5.00	ND	98.7	70-130			
Toluene	5.13	0.0250	5.00	ND	103	70-130			
o-Xylene	5.04	0.0250	5.00	ND	101	70-130			
p,m-Xylene	10.0	0.0500	10.0	ND	100	70-130			
Total Xylenes	15.1	0.0250	15.0	ND	101	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.68		8.00		108	70-130			

Matrix Spike Dup (2618022-MSD1)

Source: E604319-12

Prepared: 04/27/26 Analyzed: 04/28/26

Benzene	4.74	0.0250	5.00	ND	94.8	70-130	10.7	20	
Ethylbenzene	4.46	0.0250	5.00	ND	89.2	70-130	10.1	20	
Toluene	4.62	0.0250	5.00	ND	92.4	70-130	10.5	20	
o-Xylene	4.56	0.0250	5.00	ND	91.2	70-130	10.1	20	
p,m-Xylene	9.09	0.0500	10.0	ND	90.9	70-130	9.94	20	
Total Xylenes	13.7	0.0250	15.0	ND	91.0	70-130	9.98	20	
Surrogate: 4-Bromochlorobenzene-PID	8.76		8.00		110	70-130			



QC Summary Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Thistle Pipeline Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 5/1/2026 10:57:08AM
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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 (2618022-BLK1)

Prepared: 04/27/26 Analyzed: 04/28/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.98		8.00		99.7	70-130			

LCS (2618022-BS2)

Prepared: 04/27/26 Analyzed: 04/28/26

Gasoline Range Organics (C6-C10)	48.0	20.0	50.0		95.9	62-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.12		8.00		102	70-130			

Matrix Spike (2618022-MS2)

Source: E604319-12

Prepared: 04/27/26 Analyzed: 04/28/26

Gasoline Range Organics (C6-C10)	57.0	20.0	50.0	ND	114	60-137			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.29		8.00		104	70-130			

Matrix Spike Dup (2618022-MSD2)

Source: E604319-12

Prepared: 04/27/26 Analyzed: 04/28/26

Gasoline Range Organics (C6-C10)	47.3	20.0	50.0	ND	94.5	60-137	18.7	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.09		8.00		101	70-130			



QC Summary Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Thistle Pipeline Leak Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 5/1/2026 10:57:08AM
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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 (2618074-BLK1)

Prepared: 04/29/26 Analyzed: 04/29/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.5		50.0		105	69-135			

LCS (2618074-BS1)

Prepared: 04/29/26 Analyzed: 04/29/26

Diesel Range Organics (C10-C28)	244	25.0	250		97.7	70-131			
Surrogate: n-Nonane	51.3		50.0		103	69-135			

Matrix Spike (2618074-MS1)

Source: E604319-03

Prepared: 04/29/26 Analyzed: 04/29/26

Diesel Range Organics (C10-C28)	249	25.0	250	ND	99.5	62-151			
Surrogate: n-Nonane	52.3		50.0		105	69-135			

Matrix Spike Dup (2618074-MSD1)

Source: E604319-03

Prepared: 04/29/26 Analyzed: 04/29/26

Diesel Range Organics (C10-C28)	249	25.0	250	ND	99.4	62-151	0.0381	20	
Surrogate: n-Nonane	51.8		50.0		104	69-135			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Thistle Pipeline Leak	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	5/1/2026 10:57:08AM

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (2618060-BLK1)					Prepared: 04/28/26 Analyzed: 04/29/26				
Chloride	ND	20.0							
LCS (2618060-BS1)					Prepared: 04/28/26 Analyzed: 04/29/26				
Chloride	269	20.0	250		108	90-110			
Matrix Spike (2618060-MS1)					Source: E604319-10		Prepared: 04/28/26 Analyzed: 04/29/26		
Chloride	281	20.0	250	ND	112	80-120			
Matrix Spike Dup (2618060-MSD1)					Source: E604319-10		Prepared: 04/28/26 Analyzed: 04/29/26		
Chloride	280	20.0	250	ND	112	80-120	0.246	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:	Thistle Pipeline Leak	
333 W Sheridan Avenue	Project Number:	01058-0007	Reported:
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	05/01/26 10:57

- 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 # 22090208

Chain of Custody

Client Information				Invoice Information		Lab Use Only		TAT		State									
Client: Devon				Company: Devon Energy		Lab WO# E104319		Job Number 0658-0007		1D	2D	3D	Std	NM	CO	UT	TX		
Project: Thistle Pipeline Leak				Address: 5315 Buena Vista Dr										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	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
9:47	4/23/2026	Soil	1	SS01 - 0'		1								X					
9:48	4/23/2026	Soil	1	SS02 - 0'		2								X					
9:49	4/23/2026	Soil	1	SS03 - 0'		3								X					
9:49	4/23/2026	Soil	1	SS04 - 0'		4								X					
9:50	4/23/2026	Soil	1	SS05 - 0'		5								X					
9:51	4/23/2026	Soil	1	SS06 - 0'		6								X					
9:51	4/23/2026	Soil	1	SS07 - 0'		7								X					
9:52	4/23/2026	Soil	1	SS08 - 0'		8								X					
9:53	4/23/2026	Soil	1	SS09 - 0'		9								X					
9:54	4/23/2026	Soil	1	SS10 - 0'		10								X					
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dnv.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: Israel Estrella																			
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: ☒ Y ☐ N											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time												
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																			
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			

WO # 22090208

Chain of Custody

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: Thistle Pipeline Leak				Address: 5315 Buena Vista Dr		E104319	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/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		
																	Compliance	Y	or	N
																	PWSID #			
																	Sample Temp			Remarks
10:25	4/23/2026	Soil	1	SS01 - 1'		11								X			2.1			
10:27	4/23/2026	Soil	1	SS02 - 1'		12								X			2.3			
10:29	4/23/2026	Soil	1	SS03 - 1'		13								X			2.0			
10:31	4/23/2026	Soil	1	SS04 - 1'		14								X			1.4			
10:33	4/23/2026	Soil	1	SS05 - 1'		15								X			1.1			
10:35	4/23/2026	Soil	1	SS06 - 1'		16								X			1.3			
10:37	4/23/2026	Soil	1	SS07 - 1'		17								X			2.7			
10:39	4/23/2026	Soil	1	SS08 - 1'		18								X			1.4			
10:41	4/23/2026	Soil	1	SS09 - 1'		19								X			1.2			
10:43	4/23/2026	Soil	1	SS10 - 1'		20								X			1.1			
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dvn.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com																				
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: Israel Estrella																				
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: Y N								
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time										
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time										
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time										
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time										
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: 4/27/2026 9:20:41AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	04/27/26 06:00	Work Order ID:	E604319
Phone:	(505) 382-1211	Date Logged In:	04/24/26 15:38	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	05/01/26 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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

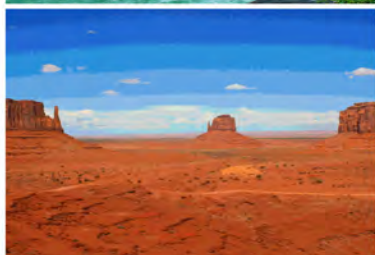
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Ashley Urzedo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Thistle Pipeline Leak

Work Order: E604342

Job Number: 01058-0007

Received: 4/28/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/4/26

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Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
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Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 5/4/26



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

Project Name: Thistle Pipeline Leak
Workorder: E604342
Date Received: 4/28/2026 8:00:00AM

Ashley Urzedo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/28/2026 8:00:00AM, under the Project Name: Thistle Pipeline Leak.

The analytical test results summarized in this report with the Project Name: Thistle Pipeline 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	Project Name:	Thistle Pipeline Leak	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Urzedo	05/04/26 13:46

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH01-0'	E604342-01A	Soil	04/24/26	04/28/26	Glass Jar, 2 oz.
BH01-0.5'	E604342-02A	Soil	04/24/26	04/28/26	Glass Jar, 2 oz.
BH02-0'	E604342-03A	Soil	04/24/26	04/28/26	Glass Jar, 2 oz.
BH02-1'	E604342-04A	Soil	04/24/26	04/28/26	Glass Jar, 2 oz.
BH02-3'	E604342-05A	Soil	04/24/26	04/28/26	Glass Jar, 2 oz.
BH02-5'	E604342-06A	Soil	04/24/26	04/28/26	Glass Jar, 2 oz.
BH02-7'	E604342-07A	Soil	04/24/26	04/28/26	Glass Jar, 2 oz.
BH02-9'	E604342-08A	Soil	04/24/26	04/28/26	Glass Jar, 2 oz.
BH03-0'	E604342-09A	Soil	04/24/26	04/28/26	Glass Jar, 2 oz.
BH03-1'	E604342-10A	Soil	04/24/26	04/28/26	Glass Jar, 2 oz.
BH03-3'	E604342-11A	Soil	04/24/26	04/28/26	Glass Jar, 2 oz.
BH03-5'	E604342-12A	Soil	04/24/26	04/28/26	Glass Jar, 2 oz.
BH03-7'	E604342-13A	Soil	04/24/26	04/28/26	Glass Jar, 2 oz.
BH03-9'	E604342-14A	Soil	04/24/26	04/28/26	Glass Jar, 2 oz.
BH04-0'	E604342-15A	Soil	04/24/26	04/28/26	Glass Jar, 2 oz.
BH04-1'	E604342-16A	Soil	04/24/26	04/28/26	Glass Jar, 2 oz.
BH04-3'	E604342-17A	Soil	04/24/26	04/28/26	Glass Jar, 2 oz.
BH04-5'	E604342-18A	Soil	04/24/26	04/28/26	Glass Jar, 2 oz.
BH04-7'	E604342-19A	Soil	04/24/26	04/28/26	Glass Jar, 2 oz.
BH04-9'	E604342-20A	Soil	04/24/26	04/28/26	Glass Jar, 2 oz.
BH05-0'	E604342-21A	Soil	04/24/26	04/28/26	Glass Jar, 2 oz.
BH05-1'	E604342-22A	Soil	04/24/26	04/28/26	Glass Jar, 2 oz.
BH05-3'	E604342-23A	Soil	04/24/26	04/28/26	Glass Jar, 2 oz.
BH05-5'	E604342-24A	Soil	04/24/26	04/28/26	Glass Jar, 2 oz.
BH05-7'	E604342-25A	Soil	04/24/26	04/28/26	Glass Jar, 2 oz.
BH05-9'	E604342-26A	Soil	04/24/26	04/28/26	Glass Jar, 2 oz.
BH06-0'	E604342-27A	Soil	04/24/26	04/28/26	Glass Jar, 2 oz.
BH06-1'	E604342-28A	Soil	04/24/26	04/28/26	Glass Jar, 2 oz.
BH06-3'	E604342-29A	Soil	04/24/26	04/28/26	Glass Jar, 2 oz.
BH06-5'	E604342-30A	Soil	04/24/26	04/28/26	Glass Jar, 2 oz.
BH06-7'	E604342-31A	Soil	04/24/26	04/28/26	Glass Jar, 2 oz.
BH06-8'	E604342-32A	Soil	04/24/26	04/28/26	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Thistle Pipeline Leak Project Number: 01058-0007 Project Manager: Ashley Urzedo	Reported: 5/4/2026 1:46:06PM
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BH01-0'

E604342-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2618066	
Benzene	ND	0.0250	1	04/28/26	04/29/26	
Ethylbenzene	ND	0.0250	1	04/28/26	04/29/26	
Toluene	ND	0.0250	1	04/28/26	04/29/26	
o-Xylene	ND	0.0250	1	04/28/26	04/29/26	
p,m-Xylene	ND	0.0500	1	04/28/26	04/29/26	
Total Xylenes	ND	0.0250	1	04/28/26	04/29/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.0 %	70-130	04/28/26	04/29/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2618066	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/26	04/29/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		115 %	70-130	04/28/26	04/29/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2618098	
Diesel Range Organics (C10-C28)	25.3	25.0	1	04/30/26	04/30/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/30/26	04/30/26	
<i>Surrogate: n-Nonane</i>		103 %	69-135	04/30/26	04/30/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2618094	
Chloride	1420	20.0	1	04/29/26	04/29/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
5/4/2026 1:46:06PM

BH01-0.5'

E604342-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2618066	
Benzene	ND	0.0250	1	04/28/26	04/29/26	
Ethylbenzene	ND	0.0250	1	04/28/26	04/29/26	
Toluene	ND	0.0250	1	04/28/26	04/29/26	
o-Xylene	ND	0.0250	1	04/28/26	04/29/26	
p,m-Xylene	ND	0.0500	1	04/28/26	04/29/26	
Total Xylenes	ND	0.0250	1	04/28/26	04/29/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.1 %	70-130		04/28/26	04/29/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2618066	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/26	04/29/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	116 %	70-130		04/28/26	04/29/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2618098	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/30/26	04/30/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/30/26	04/30/26	
<i>Surrogate: n-Nonane</i>						
	105 %	69-135		04/30/26	04/30/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2618094	
Chloride	162	20.0	1	04/29/26	04/29/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
5/4/2026 1:46:06PM

BH02-0'

E604342-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2618066	
Benzene	ND	0.0250	1	04/28/26	04/30/26	
Ethylbenzene	0.471	0.0250	1	04/28/26	04/30/26	
Toluene	0.179	0.0250	1	04/28/26	04/30/26	
o-Xylene	8.25	0.0250	1	04/28/26	04/30/26	
p,m-Xylene	19.9	0.0500	1	04/28/26	04/30/26	
Total Xylenes	28.2	0.0250	1	04/28/26	04/30/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		146 %	70-130	04/28/26	04/30/26	S5
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2618066	
Gasoline Range Organics (C6-C10)	339	20.0	1	04/28/26	04/30/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		142 %	70-130	04/28/26	04/30/26	S5
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2618098	
Diesel Range Organics (C10-C28)	16300	50.0	2	04/30/26	04/30/26	T9
Oil Range Organics (C28-C36)	5880	100	2	04/30/26	04/30/26	
<i>Surrogate: n-Nonane</i>						
		150 %	69-135	04/30/26	04/30/26	S5
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2618094	
Chloride	6140	100	5	04/29/26	04/29/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
5/4/2026 1:46:06PM

BH02-1'

E604342-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2618066
Benzene	ND	0.0250	1	04/28/26	04/30/26	
Ethylbenzene	0.592	0.0250	1	04/28/26	04/30/26	
Toluene	0.348	0.0250	1	04/28/26	04/30/26	
o-Xylene	3.43	0.0250	1	04/28/26	04/30/26	
p,m-Xylene	9.55	0.0500	1	04/28/26	04/30/26	
Total Xylenes	13.0	0.0250	1	04/28/26	04/30/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		115 %	70-130	04/28/26	04/30/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2618066
Gasoline Range Organics (C6-C10)	227	20.0	1	04/28/26	04/30/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		142 %	70-130	04/28/26	04/30/26	S5
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2618098
Diesel Range Organics (C10-C28)	4410	25.0	1	04/30/26	05/02/26	
Oil Range Organics (C28-C36)	1250	50.0	1	04/30/26	05/02/26	
<i>Surrogate: n-Nonane</i>						
		118 %	69-135	04/30/26	05/02/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2618094
Chloride	4910	100	5	04/29/26	04/29/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
5/4/2026 1:46:06PM

BH02-3'

E604342-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2618066	
Benzene	ND	0.0250	1	04/28/26	04/30/26	
Ethylbenzene	ND	0.0250	1	04/28/26	04/30/26	
Toluene	ND	0.0250	1	04/28/26	04/30/26	
o-Xylene	ND	0.0250	1	04/28/26	04/30/26	
p,m-Xylene	ND	0.0500	1	04/28/26	04/30/26	
Total Xylenes	ND	0.0250	1	04/28/26	04/30/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.1 %	70-130	04/28/26	04/30/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2618066	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/26	04/30/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		116 %	70-130	04/28/26	04/30/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2618098	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/30/26	05/02/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/30/26	05/02/26	
<i>Surrogate: n-Nonane</i>		101 %	69-135	04/30/26	05/02/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2618094	
Chloride	5620	100	5	04/29/26	04/29/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
5/4/2026 1:46:06PM

BH02-5'

E604342-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2618066	
Benzene	ND	0.0250	1	04/28/26	04/30/26	
Ethylbenzene	ND	0.0250	1	04/28/26	04/30/26	
Toluene	ND	0.0250	1	04/28/26	04/30/26	
o-Xylene	ND	0.0250	1	04/28/26	04/30/26	
p,m-Xylene	ND	0.0500	1	04/28/26	04/30/26	
Total Xylenes	ND	0.0250	1	04/28/26	04/30/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	04/28/26	04/30/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2618066	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/26	04/30/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		117 %	70-130	04/28/26	04/30/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2618098	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/30/26	04/30/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/30/26	04/30/26	
<i>Surrogate: n-Nonane</i>		102 %	69-135	04/30/26	04/30/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2618094	
Chloride	5110	100	5	04/29/26	04/29/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
5/4/2026 1:46:06PM

BH02-7'

E604342-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2618066	
Benzene	ND	0.0250	1	04/28/26	04/30/26	
Ethylbenzene	ND	0.0250	1	04/28/26	04/30/26	
Toluene	ND	0.0250	1	04/28/26	04/30/26	
o-Xylene	ND	0.0250	1	04/28/26	04/30/26	
p,m-Xylene	ND	0.0500	1	04/28/26	04/30/26	
Total Xylenes	ND	0.0250	1	04/28/26	04/30/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.9 %	70-130		04/28/26	04/30/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2618066	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/26	04/30/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	116 %	70-130		04/28/26	04/30/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2618098	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/30/26	04/30/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/30/26	04/30/26	
<i>Surrogate: n-Nonane</i>						
	102 %	69-135		04/30/26	04/30/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2618094	
Chloride	4590	100	5	04/29/26	04/29/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
5/4/2026 1:46:06PM

BH02-9'

E604342-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2618066
Benzene	ND	0.0250	1	04/28/26	04/30/26	
Ethylbenzene	ND	0.0250	1	04/28/26	04/30/26	
Toluene	ND	0.0250	1	04/28/26	04/30/26	
o-Xylene	ND	0.0250	1	04/28/26	04/30/26	
p,m-Xylene	ND	0.0500	1	04/28/26	04/30/26	
Total Xylenes	ND	0.0250	1	04/28/26	04/30/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.3 %	70-130		04/28/26	04/30/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2618066
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/26	04/30/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	116 %	70-130		04/28/26	04/30/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2618098
Diesel Range Organics (C10-C28)	ND	25.0	1	04/30/26	04/30/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/30/26	04/30/26	
<i>Surrogate: n-Nonane</i>						
	104 %	69-135		04/30/26	04/30/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2618094
Chloride	10500	200	10	04/29/26	04/29/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
5/4/2026 1:46:06PM

BH03-0'

E604342-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2618066
Benzene	ND	0.0250	1	04/28/26	04/30/26	
Ethylbenzene	0.0779	0.0250	1	04/28/26	04/30/26	
Toluene	0.0939	0.0250	1	04/28/26	04/30/26	
o-Xylene	0.525	0.0250	1	04/28/26	04/30/26	
p,m-Xylene	1.53	0.0500	1	04/28/26	04/30/26	
Total Xylenes	2.06	0.0250	1	04/28/26	04/30/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		111 %	70-130	04/28/26	04/30/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2618066
Gasoline Range Organics (C6-C10)	53.3	20.0	1	04/28/26	04/30/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		121 %	70-130	04/28/26	04/30/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2618098
Diesel Range Organics (C10-C28)	9330	50.0	2	04/30/26	04/30/26	
Oil Range Organics (C28-C36)	3940	100	2	04/30/26	04/30/26	
<i>Surrogate: n-Nonane</i>						
		104 %	69-135	04/30/26	04/30/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2618094
Chloride	6710	100	5	04/29/26	04/29/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
5/4/2026 1:46:06PM

BH03-1'

E604342-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2618066
Benzene	ND	0.0250	1	04/28/26	04/30/26	
Ethylbenzene	0.0438	0.0250	1	04/28/26	04/30/26	
Toluene	ND	0.0250	1	04/28/26	04/30/26	
o-Xylene	0.0640	0.0250	1	04/28/26	04/30/26	
p,m-Xylene	0.104	0.0500	1	04/28/26	04/30/26	
Total Xylenes	0.168	0.0250	1	04/28/26	04/30/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.3 %	70-130		04/28/26	04/30/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2618066
Gasoline Range Organics (C6-C10)	27.0	20.0	1	04/28/26	04/30/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	116 %	70-130		04/28/26	04/30/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2618098
Diesel Range Organics (C10-C28)	609	25.0	1	04/30/26	04/30/26	
Oil Range Organics (C28-C36)	272	50.0	1	04/30/26	04/30/26	
<i>Surrogate: n-Nonane</i>						
	102 %	69-135		04/30/26	04/30/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2618094
Chloride	5040	100	5	04/29/26	04/29/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
5/4/2026 1:46:06PM

BH03-3'

E604342-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2618066
Benzene	ND	0.0250	1	04/28/26	04/30/26	
Ethylbenzene	ND	0.0250	1	04/28/26	04/30/26	
Toluene	ND	0.0250	1	04/28/26	04/30/26	
o-Xylene	ND	0.0250	1	04/28/26	04/30/26	
p,m-Xylene	0.0932	0.0500	1	04/28/26	04/30/26	
Total Xylenes	0.0932	0.0250	1	04/28/26	04/30/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.2 %	70-130		04/28/26	04/30/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2618066
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/26	04/30/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	116 %	70-130		04/28/26	04/30/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2618098
Diesel Range Organics (C10-C28)	ND	25.0	1	04/30/26	04/30/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/30/26	04/30/26	
<i>Surrogate: n-Nonane</i>						
	104 %	69-135		04/30/26	04/30/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2618094
Chloride	5860	100	5	04/29/26	04/29/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
5/4/2026 1:46:06PM

BH03-5'

E604342-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2618066
Benzene	ND	0.0250	1	04/28/26	04/30/26	
Ethylbenzene	ND	0.0250	1	04/28/26	04/30/26	
Toluene	ND	0.0250	1	04/28/26	04/30/26	
o-Xylene	ND	0.0250	1	04/28/26	04/30/26	
p,m-Xylene	ND	0.0500	1	04/28/26	04/30/26	
Total Xylenes	ND	0.0250	1	04/28/26	04/30/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.8 %	70-130		04/28/26	04/30/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2618066
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/26	04/30/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	116 %	70-130		04/28/26	04/30/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2618098
Diesel Range Organics (C10-C28)	ND	25.0	1	04/30/26	04/30/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/30/26	04/30/26	
<i>Surrogate: n-Nonane</i>						
	102 %	69-135		04/30/26	04/30/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2618094
Chloride	7580	200	10	04/29/26	04/29/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
5/4/2026 1:46:06PM

BH03-7'

E604342-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2618066	
Benzene	ND	0.0250	1	04/28/26	04/30/26	
Ethylbenzene	ND	0.0250	1	04/28/26	04/30/26	
Toluene	ND	0.0250	1	04/28/26	04/30/26	
o-Xylene	ND	0.0250	1	04/28/26	04/30/26	
p,m-Xylene	0.0691	0.0500	1	04/28/26	04/30/26	
Total Xylenes	0.0691	0.0250	1	04/28/26	04/30/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.4 %	70-130		04/28/26	04/30/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2618066	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/26	04/30/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	117 %	70-130		04/28/26	04/30/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2618098	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/30/26	05/01/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/30/26	05/01/26	
<i>Surrogate: n-Nonane</i>						
	103 %	69-135		04/30/26	05/01/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2618094	
Chloride	5890	100	5	04/29/26	04/29/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
5/4/2026 1:46:06PM

BH03-9'

E604342-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2618066
Benzene	ND	0.0250	1	04/28/26	04/30/26	
Ethylbenzene	ND	0.0250	1	04/28/26	04/30/26	
Toluene	ND	0.0250	1	04/28/26	04/30/26	
o-Xylene	ND	0.0250	1	04/28/26	04/30/26	
p,m-Xylene	ND	0.0500	1	04/28/26	04/30/26	
Total Xylenes	ND	0.0250	1	04/28/26	04/30/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.6 %	70-130		04/28/26	04/30/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2618066
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/26	04/30/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	116 %	70-130		04/28/26	04/30/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2618098
Diesel Range Organics (C10-C28)	ND	25.0	1	04/30/26	05/01/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/30/26	05/01/26	
<i>Surrogate: n-Nonane</i>						
	104 %	69-135		04/30/26	05/01/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2618094
Chloride	11900	200	10	04/29/26	04/30/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
5/4/2026 1:46:06PM

BH04-0'

E604342-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2618066
Benzene	ND	0.0250	1	04/28/26	05/04/26	
Ethylbenzene	0.0592	0.0250	1	04/28/26	05/04/26	
Toluene	ND	0.0250	1	04/28/26	05/04/26	
o-Xylene	0.592	0.0250	1	04/28/26	05/04/26	
p,m-Xylene	1.33	0.0500	1	04/28/26	05/04/26	
Total Xylenes	1.93	0.0250	1	04/28/26	05/04/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	04/28/26	05/04/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2618066
Gasoline Range Organics (C6-C10)	31.3	20.0	1	04/28/26	05/04/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		119 %	70-130	04/28/26	05/04/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2618098
Diesel Range Organics (C10-C28)	2680	25.0	1	04/30/26	05/01/26	
Oil Range Organics (C28-C36)	1010	50.0	1	04/30/26	05/01/26	
<i>Surrogate: n-Nonane</i>						
		101 %	69-135	04/30/26	05/01/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2618094
Chloride	3660	40.0	2	04/29/26	04/30/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
5/4/2026 1:46:06PM

BH04-1'

E604342-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2618066
Benzene	ND	0.0250	1	04/28/26	05/04/26	
Ethylbenzene	0.428	0.0250	1	04/28/26	05/04/26	
Toluene	0.215	0.0250	1	04/28/26	05/04/26	
o-Xylene	3.18	0.0250	1	04/28/26	05/04/26	
p,m-Xylene	7.41	0.0500	1	04/28/26	05/04/26	
Total Xylenes	10.6	0.0250	1	04/28/26	05/04/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		110 %	70-130	04/28/26	05/04/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2618066
Gasoline Range Organics (C6-C10)	179	20.0	1	04/28/26	05/04/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		140 %	70-130	04/28/26	05/04/26	S5
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2618098
Diesel Range Organics (C10-C28)	3650	25.0	1	04/30/26	05/01/26	
Oil Range Organics (C28-C36)	1230	50.0	1	04/30/26	05/01/26	
<i>Surrogate: n-Nonane</i>						
		125 %	69-135	04/30/26	05/01/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2618094
Chloride	2720	40.0	2	04/29/26	04/30/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
5/4/2026 1:46:06PM

BH04-3'

E604342-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2618066	
Benzene	ND	0.0250	1	04/28/26	05/04/26	
Ethylbenzene	0.0442	0.0250	1	04/28/26	05/04/26	
Toluene	ND	0.0250	1	04/28/26	05/04/26	
o-Xylene	0.0653	0.0250	1	04/28/26	05/04/26	
p,m-Xylene	0.118	0.0500	1	04/28/26	05/04/26	
Total Xylenes	0.183	0.0250	1	04/28/26	05/04/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	<i>94.3 %</i>	<i>70-130</i>		<i>04/28/26</i>	<i>05/04/26</i>	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2618066	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/26	05/04/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	<i>117 %</i>	<i>70-130</i>		<i>04/28/26</i>	<i>05/04/26</i>	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2618098	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/30/26	05/01/26	
Oil Range Organics (C28-C36)	53.2	50.0	1	04/30/26	05/01/26	
<i>Surrogate: n-Nonane</i>	<i>106 %</i>	<i>69-135</i>		<i>04/30/26</i>	<i>05/01/26</i>	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2618094	
Chloride	9950	200	10	04/29/26	04/30/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
5/4/2026 1:46:06PM

BH04-5'

E604342-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2618066	
Benzene	ND	0.0250	1	04/28/26	05/04/26	
Ethylbenzene	ND	0.0250	1	04/28/26	05/04/26	
Toluene	ND	0.0250	1	04/28/26	05/04/26	
o-Xylene	ND	0.0250	1	04/28/26	05/04/26	
p,m-Xylene	ND	0.0500	1	04/28/26	05/04/26	
Total Xylenes	ND	0.0250	1	04/28/26	05/04/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.9 %	70-130		04/28/26	05/04/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2618066	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/26	05/04/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	115 %	70-130		04/28/26	05/04/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2618098	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/30/26	05/01/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/30/26	05/01/26	
<i>Surrogate: n-Nonane</i>						
	103 %	69-135		04/30/26	05/01/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2618094	
Chloride	7270	200	10	04/29/26	04/30/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
5/4/2026 1:46:06PM

BH04-7'

E604342-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2618066
Benzene	ND	0.0250	1	04/28/26	05/04/26	
Ethylbenzene	ND	0.0250	1	04/28/26	05/04/26	
Toluene	ND	0.0250	1	04/28/26	05/04/26	
o-Xylene	ND	0.0250	1	04/28/26	05/04/26	
p,m-Xylene	ND	0.0500	1	04/28/26	05/04/26	
Total Xylenes	ND	0.0250	1	04/28/26	05/04/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.2 %	70-130		04/28/26	05/04/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2618066
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/26	05/04/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	116 %	70-130		04/28/26	05/04/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2618098
Diesel Range Organics (C10-C28)	ND	25.0	1	04/30/26	05/01/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/30/26	05/01/26	
<i>Surrogate: n-Nonane</i>						
	104 %	69-135		04/30/26	05/01/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2618094
Chloride	7850	200	10	04/29/26	04/30/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
5/4/2026 1:46:06PM

BH04-9'

E604342-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2618066	
Benzene	ND	0.0250	1	04/28/26	05/04/26	
Ethylbenzene	ND	0.0250	1	04/28/26	05/04/26	
Toluene	ND	0.0250	1	04/28/26	05/04/26	
o-Xylene	ND	0.0250	1	04/28/26	05/04/26	
p,m-Xylene	ND	0.0500	1	04/28/26	05/04/26	
Total Xylenes	ND	0.0250	1	04/28/26	05/04/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	97.5 %	70-130		04/28/26	05/04/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2618066	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/26	05/04/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	117 %	70-130		04/28/26	05/04/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2618098	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/30/26	05/01/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/30/26	05/01/26	
<i>Surrogate: n-Nonane</i>	105 %	69-135		04/30/26	05/01/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2618094	
Chloride	11200	200	10	04/29/26	04/30/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
5/4/2026 1:46:06PM

BH05-0'

E604342-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2618072
Benzene	ND	0.0250	1	04/28/26	04/30/26	
Ethylbenzene	0.242	0.0250	1	04/28/26	04/30/26	
Toluene	0.0639	0.0250	1	04/28/26	04/30/26	
o-Xylene	2.44	0.0250	1	04/28/26	04/30/26	
p,m-Xylene	4.79	0.0500	1	04/28/26	04/30/26	
Total Xylenes	7.23	0.0250	1	04/28/26	04/30/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		112 %	70-130	04/28/26	04/30/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2618072
Gasoline Range Organics (C6-C10)	132	20.0	1	04/28/26	04/30/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.3 %	70-130	04/28/26	04/30/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2618099
Diesel Range Organics (C10-C28)	13400	50.0	2	04/30/26	04/30/26	
Oil Range Organics (C28-C36)	3840	100	2	04/30/26	04/30/26	
<i>Surrogate: n-Nonane</i>						
		133 %	69-135	04/30/26	04/30/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2618096
Chloride	5950	100	5	04/29/26	04/30/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
5/4/2026 1:46:06PM

BH05-1'

E604342-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2618072
Benzene	ND	0.0250	1	04/28/26	04/29/26	
Ethylbenzene	ND	0.0250	1	04/28/26	04/29/26	
Toluene	ND	0.0250	1	04/28/26	04/29/26	
o-Xylene	ND	0.0250	1	04/28/26	04/29/26	
p,m-Xylene	ND	0.0500	1	04/28/26	04/29/26	
Total Xylenes	ND	0.0250	1	04/28/26	04/29/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	04/28/26	04/29/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2618072
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/26	04/29/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		86.9 %	70-130	04/28/26	04/29/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2618099
Diesel Range Organics (C10-C28)	104	25.0	1	04/30/26	04/30/26	
Oil Range Organics (C28-C36)	86.9	50.0	1	04/30/26	04/30/26	
<i>Surrogate: n-Nonane</i>						
		112 %	69-135	04/30/26	04/30/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2618096
Chloride	2730	40.0	2	04/29/26	04/30/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
5/4/2026 1:46:06PM

BH05-3'

E604342-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2618072
Benzene	ND	0.0250	1	04/28/26	04/29/26	
Ethylbenzene	ND	0.0250	1	04/28/26	04/29/26	
Toluene	ND	0.0250	1	04/28/26	04/29/26	
o-Xylene	ND	0.0250	1	04/28/26	04/29/26	
p,m-Xylene	ND	0.0500	1	04/28/26	04/29/26	
Total Xylenes	ND	0.0250	1	04/28/26	04/29/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.0 %	70-130		04/28/26	04/29/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2618072
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/26	04/29/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.8 %	70-130		04/28/26	04/29/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2618099
Diesel Range Organics (C10-C28)	ND	25.0	1	04/30/26	04/30/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/30/26	04/30/26	
<i>Surrogate: n-Nonane</i>						
	114 %	69-135		04/30/26	04/30/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2618096
Chloride	5750	40.0	2	04/29/26	04/30/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
5/4/2026 1:46:06PM

BH05-5'

E604342-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB		Batch: 2618072	
Benzene	ND	0.0250	1	04/28/26	04/29/26	
Ethylbenzene	ND	0.0250	1	04/28/26	04/29/26	
Toluene	ND	0.0250	1	04/28/26	04/29/26	
o-Xylene	ND	0.0250	1	04/28/26	04/29/26	
p,m-Xylene	ND	0.0500	1	04/28/26	04/29/26	
Total Xylenes	ND	0.0250	1	04/28/26	04/29/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.6 %	70-130		04/28/26	04/29/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB		Batch: 2618072	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/26	04/29/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	90.8 %	70-130		04/28/26	04/29/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2618099	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/30/26	04/30/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/30/26	04/30/26	
<i>Surrogate: n-Nonane</i>	114 %	69-135		04/30/26	04/30/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2618096	
Chloride	7770	100	5	04/29/26	04/30/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
5/4/2026 1:46:06PM

BH05-7'

E604342-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2618072
Benzene	ND	0.0250	1	04/28/26	04/29/26	
Ethylbenzene	ND	0.0250	1	04/28/26	04/29/26	
Toluene	ND	0.0250	1	04/28/26	04/29/26	
o-Xylene	ND	0.0250	1	04/28/26	04/29/26	
p,m-Xylene	ND	0.0500	1	04/28/26	04/29/26	
Total Xylenes	ND	0.0250	1	04/28/26	04/29/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.2 %	70-130		04/28/26	04/29/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2618072
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/26	04/29/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.6 %	70-130		04/28/26	04/29/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2618099
Diesel Range Organics (C10-C28)	32.4	25.0	1	04/30/26	04/30/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/30/26	04/30/26	
<i>Surrogate: n-Nonane</i>						
	116 %	69-135		04/30/26	04/30/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2618096
Chloride	6610	100	5	04/29/26	04/30/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
5/4/2026 1:46:06PM

BH05-9'

E604342-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB		Batch: 2618072	
Benzene	ND	0.0250	1	04/28/26	04/29/26	
Ethylbenzene	ND	0.0250	1	04/28/26	04/29/26	
Toluene	ND	0.0250	1	04/28/26	04/29/26	
o-Xylene	ND	0.0250	1	04/28/26	04/29/26	
p,m-Xylene	ND	0.0500	1	04/28/26	04/29/26	
Total Xylenes	ND	0.0250	1	04/28/26	04/29/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.5 %	70-130		04/28/26	04/29/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB		Batch: 2618072	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/26	04/29/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	88.5 %	70-130		04/28/26	04/29/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2618099	
Diesel Range Organics (C10-C28)	26.1	25.0	1	04/30/26	04/30/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/30/26	04/30/26	
<i>Surrogate: n-Nonane</i>	117 %	69-135		04/30/26	04/30/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2618096	
Chloride	10500	200	10	04/29/26	04/30/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
5/4/2026 1:46:06PM

BH06-0'

E604342-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB		Batch: 2618072	
Benzene	ND	0.0500	2	04/28/26	04/30/26	
Ethylbenzene	0.363	0.0500	2	04/28/26	04/30/26	
Toluene	0.764	0.0500	2	04/28/26	04/30/26	
o-Xylene	2.51	0.0500	2	04/28/26	04/30/26	
p,m-Xylene	6.59	0.100	2	04/28/26	04/30/26	
Total Xylenes	9.11	0.0500	2	04/28/26	04/30/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		114 %	70-130	04/28/26	04/30/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB		Batch: 2618072	
Gasoline Range Organics (C6-C10)	99.6	40.0	2	04/28/26	04/30/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.8 %	70-130	04/28/26	04/30/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2618099	
Diesel Range Organics (C10-C28)	14800	50.0	2	04/30/26	04/30/26	
Oil Range Organics (C28-C36)	4450	100	2	04/30/26	04/30/26	
<i>Surrogate: n-Nonane</i>		118 %	69-135	04/30/26	04/30/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2618096	
Chloride	1760	40.0	2	04/29/26	04/30/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
5/4/2026 1:46:06PM

BH06-1'

E604342-28

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2618072
Benzene	ND	0.250	10	04/28/26	04/30/26	
Ethylbenzene	5.03	0.250	10	04/28/26	04/30/26	
Toluene	8.82	0.250	10	04/28/26	04/30/26	
o-Xylene	18.5	0.250	10	04/28/26	04/30/26	
p,m-Xylene	48.1	0.500	10	04/28/26	04/30/26	
Total Xylenes	66.6	0.250	10	04/28/26	04/30/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		113 %	70-130	04/28/26	04/30/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2618072
Gasoline Range Organics (C6-C10)	814	200	10	04/28/26	04/30/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		95.1 %	70-130	04/28/26	04/30/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2618099
Diesel Range Organics (C10-C28)	6020	25.0	1	04/30/26	04/30/26	T9
Oil Range Organics (C28-C36)	1760	50.0	1	04/30/26	04/30/26	
<i>Surrogate: n-Nonane</i>						
		160 %	69-135	04/30/26	04/30/26	S5
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2618096
Chloride	2900	40.0	2	04/29/26	04/30/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
5/4/2026 1:46:06PM

BH06-3'

E604342-29

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2618072
Benzene	ND	0.0250	1	04/28/26	04/30/26	
Ethylbenzene	1.67	0.0250	1	04/28/26	04/30/26	
Toluene	0.943	0.0250	1	04/28/26	04/30/26	
o-Xylene	3.34	0.0250	1	04/28/26	04/30/26	
p,m-Xylene	7.73	0.0500	1	04/28/26	04/30/26	
Total Xylenes	11.1	0.0250	1	04/28/26	04/30/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		116 %	70-130	04/28/26	04/30/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2618072
Gasoline Range Organics (C6-C10)	163	20.0	1	04/28/26	04/30/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		103 %	70-130	04/28/26	04/30/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2618099
Diesel Range Organics (C10-C28)	3610	25.0	1	04/30/26	04/30/26	T9
Oil Range Organics (C28-C36)	1150	50.0	1	04/30/26	04/30/26	
<i>Surrogate: n-Nonane</i>						
		158 %	69-135	04/30/26	04/30/26	S5
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2618096
Chloride	6930	100	5	04/29/26	04/30/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
5/4/2026 1:46:06PM

BH06-5'

E604342-30

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2618072
Benzene	ND	0.0250	1	04/28/26	04/30/26	
Ethylbenzene	ND	0.0250	1	04/28/26	04/30/26	
Toluene	ND	0.0250	1	04/28/26	04/30/26	
o-Xylene	ND	0.0250	1	04/28/26	04/30/26	
p,m-Xylene	ND	0.0500	1	04/28/26	04/30/26	
Total Xylenes	ND	0.0250	1	04/28/26	04/30/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.8 %	70-130		04/28/26	04/30/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2618072
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/26	04/30/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.9 %	70-130		04/28/26	04/30/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2618099
Diesel Range Organics (C10-C28)	ND	25.0	1	04/30/26	04/30/26	
Oil Range Organics (C28-C36)	61.5	50.0	1	04/30/26	04/30/26	
<i>Surrogate: n-Nonane</i>						
	117 %	69-135		04/30/26	04/30/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2618096
Chloride	1440	20.0	1	04/29/26	04/30/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
5/4/2026 1:46:06PM

BH06-7'

E604342-31

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2618072
Benzene	ND	0.0250	1	04/28/26	04/30/26	
Ethylbenzene	ND	0.0250	1	04/28/26	04/30/26	
Toluene	ND	0.0250	1	04/28/26	04/30/26	
o-Xylene	0.0410	0.0250	1	04/28/26	04/30/26	
p,m-Xylene	0.111	0.0500	1	04/28/26	04/30/26	
Total Xylenes	0.152	0.0250	1	04/28/26	04/30/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	04/28/26	04/30/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2618072
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/26	04/30/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		87.7 %	70-130	04/28/26	04/30/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2618099
Diesel Range Organics (C10-C28)	59.1	25.0	1	04/30/26	04/30/26	
Oil Range Organics (C28-C36)	62.7	50.0	1	04/30/26	04/30/26	
<i>Surrogate: n-Nonane</i>						
		118 %	69-135	04/30/26	04/30/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2618096
Chloride	1000	20.0	1	04/29/26	04/30/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
5/4/2026 1:46:06PM

BH06-8'

E604342-32

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2618072
Benzene	ND	0.0250	1	04/28/26	04/29/26	
Ethylbenzene	ND	0.0250	1	04/28/26	04/29/26	
Toluene	ND	0.0250	1	04/28/26	04/29/26	
o-Xylene	ND	0.0250	1	04/28/26	04/29/26	
p,m-Xylene	ND	0.0500	1	04/28/26	04/29/26	
Total Xylenes	ND	0.0250	1	04/28/26	04/29/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.9 %	70-130		04/28/26	04/29/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2618072
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/26	04/29/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	86.3 %	70-130		04/28/26	04/29/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2618099
Diesel Range Organics (C10-C28)	93.5	25.0	1	04/30/26	04/30/26	
Oil Range Organics (C28-C36)	72.9	50.0	1	04/30/26	04/30/26	
<i>Surrogate: n-Nonane</i>						
	116 %	69-135		04/30/26	04/30/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2618096
Chloride	127	20.0	1	04/29/26	04/30/26	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Thistle Pipeline Leak	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Urzedo	5/4/2026 1:46:06PM

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 (2618066-BLK1)

Prepared: 04/28/26 Analyzed: 04/30/26

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	8.00		8.00		100	70-130			

LCS (2618066-BS1)

Prepared: 04/28/26 Analyzed: 04/29/26

Benzene	4.15	0.0250	5.00		83.1	70-130			
Ethylbenzene	3.98	0.0250	5.00		79.7	70-130			
Toluene	4.10	0.0250	5.00		82.1	70-130			
o-Xylene	4.03	0.0250	5.00		80.7	70-130			
p,m-Xylene	8.14	0.0500	10.0		81.4	70-130			
Total Xylenes	12.2	0.0250	15.0		81.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.09		8.00		101	70-130			

Matrix Spike (2618066-MS1)

Source: E604342-12

Prepared: 04/28/26 Analyzed: 04/29/26

Benzene	4.02	0.0250	5.00	ND	80.5	70-130			
Ethylbenzene	3.85	0.0250	5.00	ND	77.0	70-130			
Toluene	3.98	0.0250	5.00	ND	79.5	70-130			
o-Xylene	3.93	0.0250	5.00	ND	78.5	70-130			
p,m-Xylene	7.88	0.0500	10.0	ND	78.8	70-130			
Total Xylenes	11.8	0.0250	15.0	ND	78.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.73		8.00		96.6	70-130			

Matrix Spike Dup (2618066-MSD1)

Source: E604342-12

Prepared: 04/28/26 Analyzed: 04/29/26

Benzene	4.56	0.0250	5.00	ND	91.3	70-130	12.6	20	
Ethylbenzene	4.36	0.0250	5.00	ND	87.2	70-130	12.4	20	
Toluene	4.49	0.0250	5.00	ND	89.8	70-130	12.2	20	
o-Xylene	4.43	0.0250	5.00	ND	88.6	70-130	12.1	20	
p,m-Xylene	8.89	0.0500	10.0	ND	88.9	70-130	12.0	20	
Total Xylenes	13.3	0.0250	15.0	ND	88.8	70-130	12.0	20	
Surrogate: 4-Bromochlorobenzene-PID	7.76		8.00		97.0	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Thistle Pipeline Leak	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Urzedo	5/4/2026 1:46:06PM

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 (2618072-BLK1)

Prepared: 04/28/26 Analyzed: 04/29/26

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	7.56		8.00		94.5	70-130			

LCS (2618072-BS1)

Prepared: 04/28/26 Analyzed: 04/29/26

Benzene	4.31	0.0250	5.00		86.3	70-130			
Ethylbenzene	4.19	0.0250	5.00		83.8	70-130			
Toluene	4.26	0.0250	5.00		85.2	70-130			
o-Xylene	4.25	0.0250	5.00		84.9	70-130			
p,m-Xylene	8.50	0.0500	10.0		85.0	70-130			
Total Xylenes	12.7	0.0250	15.0		85.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.37		8.00		92.2	70-130			

Matrix Spike (2618072-MS1)

Source: E604342-32

Prepared: 04/28/26 Analyzed: 04/30/26

Benzene	5.42	0.0250	5.00	ND	108	70-130			
Ethylbenzene	5.18	0.0250	5.00	ND	104	70-130			
Toluene	5.30	0.0250	5.00	ND	106	70-130			
o-Xylene	5.15	0.0250	5.00	ND	103	70-130			
p,m-Xylene	10.4	0.0500	10.0	ND	104	70-130			
Total Xylenes	15.6	0.0250	15.0	ND	104	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.62		8.00		95.3	70-130			

Matrix Spike Dup (2618072-MSD1)

Source: E604342-32

Prepared: 04/28/26 Analyzed: 04/29/26

Benzene	4.78	0.0250	5.00	ND	95.6	70-130	12.6	20	
Ethylbenzene	4.65	0.0250	5.00	ND	93.0	70-130	10.8	20	
Toluene	4.72	0.0250	5.00	ND	94.3	70-130	11.7	20	
o-Xylene	4.68	0.0250	5.00	ND	93.5	70-130	9.61	20	
p,m-Xylene	9.42	0.0500	10.0	ND	94.2	70-130	10.1	20	
Total Xylenes	14.1	0.0250	15.0	ND	94.0	70-130	9.92	20	
Surrogate: 4-Bromochlorobenzene-PID	7.61		8.00		95.2	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Thistle Pipeline Leak	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Urzedo	5/4/2026 1:46:06PM

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 (2618066-BLK1) Prepared: 04/28/26 Analyzed: 04/30/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.35		8.00		117	70-130			

LCS (2618066-BS2) Prepared: 04/28/26 Analyzed: 04/30/26

Gasoline Range Organics (C6-C10)	51.5	20.0	50.0		103	62-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.43		8.00		118	70-130			

Matrix Spike (2618066-MS2) Source: E604342-12 Prepared: 04/28/26 Analyzed: 04/30/26

Gasoline Range Organics (C6-C10)	61.5	20.0	50.0	ND	123	60-137			
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.50		8.00		119	70-130			

Matrix Spike Dup (2618066-MSD2) Source: E604342-12 Prepared: 04/28/26 Analyzed: 04/30/26

Gasoline Range Organics (C6-C10)	57.8	20.0	50.0	ND	116	60-137	6.27	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.49		8.00		119	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Thistle Pipeline Leak	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Urzedo	5/4/2026 1:46:06PM

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 (2618072-BLK1)

Prepared: 04/28/26 Analyzed: 04/29/26

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

LCS (2618072-BS2)

Prepared: 04/28/26 Analyzed: 04/29/26

Gasoline Range Organics (C6-C10)	48.9	20.0	50.0		97.7	62-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.25		8.00		90.6	70-130			

Matrix Spike (2618072-MS2)

Source: E604342-32

Prepared: 04/28/26 Analyzed: 04/29/26

Gasoline Range Organics (C6-C10)	43.6	20.0	50.0	ND	87.2	60-137			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.32		8.00		91.5	70-130			

Matrix Spike Dup (2618072-MSD2)

Source: E604342-32

Prepared: 04/28/26 Analyzed: 04/29/26

Gasoline Range Organics (C6-C10)	48.7	20.0	50.0	ND	97.4	60-137	11.0	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.16		8.00		89.5	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Thistle Pipeline Leak	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Urzedo	5/4/2026 1:46:06PM

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 (2618098-BLK1)					Prepared: 04/30/26 Analyzed: 04/30/26				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.4		50.0		101	69-135			

LCS (2618098-BS1)					Prepared: 04/30/26 Analyzed: 04/30/26				
Diesel Range Organics (C10-C28)	256	25.0	250		103	70-131			
Surrogate: n-Nonane	49.8		50.0		99.6	69-135			

Matrix Spike (2618098-MS1)					Source: E604342-10		Prepared: 04/30/26 Analyzed: 04/30/26		
Diesel Range Organics (C10-C28)	890	25.0	250	609	113	62-151			
Surrogate: n-Nonane	51.1		50.0		102	69-135			

Matrix Spike Dup (2618098-MSD1)					Source: E604342-10		Prepared: 04/30/26 Analyzed: 04/30/26		
Diesel Range Organics (C10-C28)	857	25.0	250	609	99.5	62-151	3.75	20	
Surrogate: n-Nonane	50.3		50.0		101	69-135			



QC Summary Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Thistle Pipeline Leak Project Number: 01058-0007 Project Manager: Ashley Urzedo	Reported: 5/4/2026 1:46:06PM
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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 (2618099-BLK1)

Prepared: 04/30/26 Analyzed: 04/30/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	55.1		50.0		110	69-135			

LCS (2618099-BS1)

Prepared: 04/30/26 Analyzed: 04/30/26

Diesel Range Organics (C10-C28)	251	25.0	250		100	70-131			
Surrogate: <i>n</i> -Nonane	53.4		50.0		107	69-135			

Matrix Spike (2618099-MS1)

Source: E604342-26

Prepared: 04/30/26 Analyzed: 04/30/26

Diesel Range Organics (C10-C28)	283	25.0	250	26.1	103	62-151			
Surrogate: <i>n</i> -Nonane	56.2		50.0		112	69-135			

Matrix Spike Dup (2618099-MSD1)

Source: E604342-26

Prepared: 04/30/26 Analyzed: 04/30/26

Diesel Range Organics (C10-C28)	282	25.0	250	26.1	102	62-151	0.386	20	
Surrogate: <i>n</i> -Nonane	56.1		50.0		112	69-135			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Thistle Pipeline Leak	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Urzedo	5/4/2026 1:46:06PM

Anions by EPA 300.0/9056A

Analyst: RAS

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

Blank (2618094-BLK1)					Prepared: 04/29/26 Analyzed: 04/29/26				
Chloride	ND	20.0							
LCS (2618094-BS1)					Prepared: 04/29/26 Analyzed: 04/29/26				
Chloride	261	20.0	250		104	90-110			
Matrix Spike (2618094-MS1)					Source: E604342-04		Prepared: 04/29/26 Analyzed: 04/29/26		
Chloride	4930	100	250	4910	9.48	80-120			M4
Matrix Spike Dup (2618094-MSD1)					Source: E604342-04		Prepared: 04/29/26 Analyzed: 04/29/26		
Chloride	5340	100	250	4910	173	80-120	7.94	20	M4



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Thistle Pipeline Leak	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Urzedo	5/4/2026 1:46:06PM

Anions by EPA 300.0/9056A

Analyst: RAS

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

Blank (2618096-BLK1)					Prepared: 04/29/26 Analyzed: 04/30/26				
Chloride	ND	20.0							
LCS (2618096-BS1)					Prepared: 04/29/26 Analyzed: 04/30/26				
Chloride	262	20.0	250		105	90-110			
Matrix Spike (2618096-MS1)					Source: E604342-27		Prepared: 04/29/26 Analyzed: 04/30/26		
Chloride	2000	40.0	250	1760	95.0	80-120			
Matrix Spike Dup (2618096-MSD1)					Source: E604342-27		Prepared: 04/29/26 Analyzed: 04/30/26		
Chloride	2030	40.0	250	1760	108	80-120	1.56	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:	Thistle Pipeline Leak	
333 W Sheridan Avenue	Project Number:	01058-0007	Reported:
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Urzedo	05/04/26 13:46

- M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
- S5 Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.
- T9 DRO includes undifferentiated early eluting analytes characteristic of GRO.
- 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 # 22090208

Chain of Custody

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: Thistle Pipeline Leak				Address: 5315 Buena Vista Dr				E1204342		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	BDGOC - NM	BDGOC - TX	SDWA	CWA	RCRA	
9:56	4/24/2026	Soil	1	BH01 - 0'		1								X					
9:57	4/24/2026	Soil	1	BH01 - 0.5'		2								X					
10:00	4/24/2026	Soil	1	BH02 - 0'		3								X					
10:02	4/24/2026	Soil	1	BH02 - 1'		4								X					
10:06	4/24/2026	Soil	1	BH02 - 3'		5								X					
11:38	4/24/2026	Soil	1	BH02 - 5'		6								X					
11:42	4/24/2026	Soil	1	BH02 - 7'		7								X					
11:46	4/24/2026	Soil	1	BH02 - 9'		8								X					
10:12	4/24/2026	Soil	1	BH03 - 0'		9								X					
10:14	4/24/2026	Soil	1	BH03 - 1'		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: Israel Estrella																			
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: ☒ Y ☐ N			
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time					
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time					
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time					
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time					
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																			
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																			
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			

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: Thistle Pipeline Leak				Address: 5315 Buena Vista Dr				E604342		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/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			
10:18	4/24/2026	Soil	1	BH03 - 3'		11								X							
11:48	4/24/2026	Soil	1	BH03 - 5'		12								X							
11:52	4/24/2026	Soil	1	BH03 - 7'		13								X							
11:56	4/24/2026	Soil	1	BH03 - 9'		14								X							
10:22	4/24/2026	Soil	1	BH04 - 0'		15								X							
10:24	4/24/2026	Soil	1	BH04 - 1'		16								X							
10:28	4/24/2026	Soil	1	BH04 - 3'		17								X							
12:02	4/24/2026	Soil	1	BH04 - 5'		18								X							
12:06	4/24/2026	Soil	1	BH04 - 7'		19								X							
12:10	4/24/2026	Soil	1	BH04 - 9'		20								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: Israel Estrella																					
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: Y/N									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time											
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time											
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time											
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time											
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.																					

E604342 CM

Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: Devon				Company: Devon Energy				Lab WO# E603		Job Number 01058-0007		1D	2D	3D	Std	NM	CO	UT	TX
Project: Thistle Pipeline Leak				Address: 5315 Buena Vista Dr											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@divn.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	
10:32	4/24/2026	Soil	1	BH05 - 0'		21								X					
10:34	4/24/2026	Soil	1	BH05 - 1'		22								X					
10:38	4/24/2026	Soil	1	BH05 - 3'		23								X					
12:15	4/24/2026	Soil	1	BH05 - 5'		24								X					
12:19	4/24/2026	Soil	1	BH05 - 7'		25								X					
12:23	4/24/2026	Soil	1	BH05 - 9'		26								X					
10:42	4/24/2026	Soil	1	BH06 - 0'		27								X					
10:44	4/24/2026	Soil	1	BH06 - 1'		28								X					
10:48	4/24/2026	Soil	1	BH06 - 3'		29								X					
10:52	4/24/2026	Soil	1	BH06 - 5'		30								X					
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@divn.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: Israel Estrella																			
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: ☒ Y ☐ N							
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																			
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																			
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			

Client Information				Invoice Information		Lab Use Only		TAT		State									
Client: Devon				Company: Devon Energy		Lab WO# E60434201058.0007		1D 2D 3D Std		NM CO UT TX									
Project: Thistle Pipeline Leak				Address: 5315 Buena Vista Dr						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/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	
12:34	4/24/2026	Soil	1	BH06 - 7'		31								X					
12:38	4/24/2026	Soil	1	BH06 - 8'		32								X					
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dnv.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: Israel Estrella																			
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: ☒ N							
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																			
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																			
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			

Envirotech Analytical Laboratory

Printed: 4/28/2026 10:31:43AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	04/28/26 08:00	Work Order ID:	E604342
Phone:	(505) 382-1211	Date Logged In:	04/27/26 16:08	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	05/04/26 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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Ashley Urzedo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Thistle Pipeline Leak

Work Order: E607108

Job Number: 01058-0007

Received: 7/13/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/16/26

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: 7/16/26

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



Project Name: Thistle Pipeline Leak
Workorder: E607108
Date Received: 7/13/2026 6:00:00AM

Ashley Urzedo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/13/2026 6:00:00AM, under the Project Name: Thistle Pipeline Leak.

The analytical test results summarized in this report with the Project Name: Thistle Pipeline 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

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

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mgonzaless@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Thistle Pipeline Leak	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Urzedo	07/16/26 16:33

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS24-4'	E607108-01A	Soil	07/10/26	07/13/26	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Thistle Pipeline Leak Project Number: 01058-0007 Project Manager: Ashley Urzedo	Reported: 7/16/2026 4:33:38PM
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FS24-4'

E607108-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2629004	
Benzene	ND	0.0250	1	07/13/26	07/13/26	
Ethylbenzene	ND	0.0250	1	07/13/26	07/13/26	
Toluene	ND	0.0250	1	07/13/26	07/13/26	
o-Xylene	ND	0.0250	1	07/13/26	07/13/26	
p,m-Xylene	ND	0.0500	1	07/13/26	07/13/26	
Total Xylenes	ND	0.0250	1	07/13/26	07/13/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		106 %	70-130	07/13/26	07/13/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2629004	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/13/26	07/13/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		121 %	70-130	07/13/26	07/13/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CJB		Batch: 2629015	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/13/26	07/14/26	
Oil Range Organics (C28-C36)	ND	50.0	1	07/13/26	07/14/26	
<i>Surrogate: n-Nonane</i>		106 %	69-135	07/13/26	07/14/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2629008	
Chloride	11900	200	10	07/13/26	07/14/26	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Thistle Pipeline Leak	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Urzedo	7/16/2026 4:33:38PM

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 (2629004-BLK1)

Prepared: 07/13/26 Analyzed: 07/13/26

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	7.92		8.00		99.0	70-130			

LCS (2629004-BS1)

Prepared: 07/13/26 Analyzed: 07/13/26

Benzene	4.48	0.0250	5.00		89.7	70-130			
Ethylbenzene	4.45	0.0250	5.00		88.9	70-130			
Toluene	4.51	0.0250	5.00		90.2	70-130			
o-Xylene	4.51	0.0250	5.00		90.1	70-130			
p,m-Xylene	8.70	0.0500	10.0		87.0	70-130			
Total Xylenes	13.2	0.0250	15.0		88.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.13		8.00		102	70-130			

Matrix Spike (2629004-MS1)

Source: E607109-04

Prepared: 07/13/26 Analyzed: 07/13/26

Benzene	4.81	0.0250	5.00	ND	96.2	70-130			
Ethylbenzene	4.73	0.0250	5.00	ND	94.6	70-130			
Toluene	4.82	0.0250	5.00	ND	96.4	70-130			
o-Xylene	4.78	0.0250	5.00	ND	95.7	70-130			
p,m-Xylene	9.25	0.0500	10.0	ND	92.5	70-130			
Total Xylenes	14.0	0.0250	15.0	ND	93.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.34		8.00		104	70-130			

Matrix Spike Dup (2629004-MSD1)

Source: E607109-04

Prepared: 07/13/26 Analyzed: 07/13/26

Benzene	5.50	0.0250	5.00	ND	110	70-130	13.3	20	
Ethylbenzene	5.46	0.0250	5.00	ND	109	70-130	14.4	20	
Toluene	5.53	0.0250	5.00	ND	111	70-130	13.8	20	
o-Xylene	5.46	0.0250	5.00	ND	109	70-130	13.2	20	
p,m-Xylene	10.7	0.0500	10.0	ND	107	70-130	14.1	20	
Total Xylenes	16.1	0.0250	15.0	ND	107	70-130	13.8	20	
Surrogate: 4-Bromochlorobenzene-PID	8.42		8.00		105	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Thistle Pipeline Leak	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Urzedo	7/16/2026 4:33:38PM

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 (2629004-BLK1)

Prepared: 07/13/26 Analyzed: 07/13/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.38		8.00		117	70-130			

LCS (2629004-BS2)

Prepared: 07/13/26 Analyzed: 07/13/26

Gasoline Range Organics (C6-C10)	54.8	20.0	50.0		110	62-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.53		8.00		119	70-130			

Matrix Spike (2629004-MS2)

Source: E607109-04

Prepared: 07/13/26 Analyzed: 07/13/26

Gasoline Range Organics (C6-C10)	49.9	20.0	50.0	ND	99.7	60-137			
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.45		8.00		118	70-130			

Matrix Spike Dup (2629004-MSD2)

Source: E607109-04

Prepared: 07/13/26 Analyzed: 07/13/26

Gasoline Range Organics (C6-C10)	51.2	20.0	50.0	ND	102	60-137	2.73	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.64		8.00		121	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Thistle Pipeline Leak	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Urzedo	7/16/2026 4:33:38PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: CJB

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 (2629015-BLK1)

Prepared: 07/13/26 Analyzed: 07/13/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	54.2		50.0		108	69-135			

LCS (2629015-BS1)

Prepared: 07/13/26 Analyzed: 07/13/26

Diesel Range Organics (C10-C28)	252	25.0	250		101	70-131			
Surrogate: <i>n</i> -Nonane	54.5		50.0		109	69-135			

Matrix Spike (2629015-MS1)

Source: E607109-04

Prepared: 07/13/26 Analyzed: 07/13/26

Diesel Range Organics (C10-C28)	256	25.0	250	ND	102	62-151			
Surrogate: <i>n</i> -Nonane	54.2		50.0		108	69-135			

Matrix Spike Dup (2629015-MSD1)

Source: E607109-04

Prepared: 07/13/26 Analyzed: 07/13/26

Diesel Range Organics (C10-C28)	258	25.0	250	ND	103	62-151	0.966	20	
Surrogate: <i>n</i> -Nonane	55.4		50.0		111	69-135			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Thistle Pipeline Leak	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Urzedo	7/16/2026 4:33:38PM

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (2629008-BLK1)					Prepared: 07/13/26 Analyzed: 07/13/26				
Chloride	ND	20.0							
LCS (2629008-BS1)					Prepared: 07/13/26 Analyzed: 07/13/26				
Chloride	258	20.0	250		103	90-110			
Matrix Spike (2629008-MS1)					Source: E607103-07		Prepared: 07/13/26 Analyzed: 07/13/26		
Chloride	274	20.0	250	ND	110	80-120			
Matrix Spike Dup (2629008-MSD1)					Source: E607103-07		Prepared: 07/13/26 Analyzed: 07/13/26		
Chloride	273	20.0	250	ND	109	80-120	0.508	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:	Thistle Pipeline Leak	
333 W Sheridan Avenue	Project Number:	01058-0007	Reported:
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Urzedo	07/16/26 16:33

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

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

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



[illegible]

Envirotech Analytical Laboratory

Printed: 7/13/2026 8:51:22AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	07/13/26 06:00	Work Order ID:	E607108
Phone:	(505) 382-1211	Date Logged In:	07/13/26 06:30	Logged In By:	Noe Soto
Email:	agiovengo@ensolum.com	Due Date:	07/17/26 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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

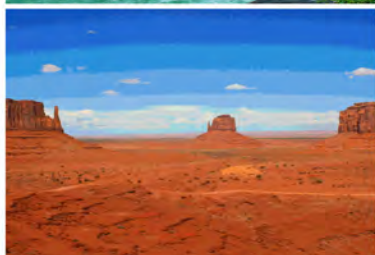
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Ashley Urzedo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Thistle Pipeline Leak

Work Order: E607111

Job Number: 01058-0007

Received: 7/13/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/16/26

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: 7/16/26

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



Project Name: Thistle Pipeline Leak
Workorder: E607111
Date Received: 7/13/2026 6:00:00AM

Ashley Urzedo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/13/2026 6:00:00AM, under the Project Name: Thistle Pipeline Leak.

The analytical test results summarized in this report with the Project Name: Thistle Pipeline 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

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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Thistle Pipeline Leak Project Number: 01058-0007 Project Manager: Ashley Urzedo	Reported: 07/16/26 16:41
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS19-4'	E607111-01A	Soil	07/09/26	07/13/26	Glass Jar, 2 oz.
FS20-4'	E607111-02A	Soil	07/09/26	07/13/26	Glass Jar, 2 oz.
FS21-4'	E607111-03A	Soil	07/09/26	07/13/26	Glass Jar, 2 oz.
FS22-4'	E607111-04A	Soil	07/09/26	07/13/26	Glass Jar, 2 oz.
FS23-4'	E607111-05A	Soil	07/09/26	07/13/26	Glass Jar, 2 oz.
FS25-4'	E607111-06A	Soil	07/09/26	07/13/26	Glass Jar, 2 oz.
SW01-0-4'	E607111-07A	Soil	07/09/26	07/13/26	Glass Jar, 2 oz.
SW02-0-4'	E607111-08A	Soil	07/09/26	07/13/26	Glass Jar, 2 oz.
SW03-0-4'	E607111-09A	Soil	07/09/26	07/13/26	Glass Jar, 2 oz.
SW04-0-4'	E607111-10A	Soil	07/09/26	07/13/26	Glass Jar, 2 oz.
SW05-0-4'	E607111-11A	Soil	07/09/26	07/13/26	Glass Jar, 2 oz.
SW06-0-4'	E607111-12A	Soil	07/09/26	07/13/26	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Thistle Pipeline Leak Project Number: 01058-0007 Project Manager: Ashley Urzedo	Reported: 7/16/2026 4:41:08PM
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FS19-4'

E607111-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2629005
Benzene	ND	0.0250	1	07/13/26	07/13/26	
Ethylbenzene	ND	0.0250	1	07/13/26	07/13/26	
Toluene	ND	0.0250	1	07/13/26	07/13/26	
o-Xylene	ND	0.0250	1	07/13/26	07/13/26	
p,m-Xylene	ND	0.0500	1	07/13/26	07/13/26	
Total Xylenes	ND	0.0250	1	07/13/26	07/13/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.0 %	70-130	07/13/26	07/13/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2629005
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/13/26	07/13/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		105 %	70-130	07/13/26	07/13/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: CJB		Batch: 2629033
Diesel Range Organics (C10-C28)	ND	25.0	1	07/14/26	07/15/26	
Oil Range Organics (C28-C36)	ND	50.0	1	07/14/26	07/15/26	
<i>Surrogate: n-Nonane</i>		110 %	69-135	07/14/26	07/15/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2629021
Chloride	9850	200	10	07/13/26	07/14/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
7/16/2026 4:41:08PM

FS20-4'

E607111-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2629005
Benzene	ND	0.0250	1	07/13/26	07/13/26	
Ethylbenzene	ND	0.0250	1	07/13/26	07/13/26	
Toluene	ND	0.0250	1	07/13/26	07/13/26	
o-Xylene	ND	0.0250	1	07/13/26	07/13/26	
p,m-Xylene	ND	0.0500	1	07/13/26	07/13/26	
Total Xylenes	ND	0.0250	1	07/13/26	07/13/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	07/13/26	07/13/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2629005
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/13/26	07/13/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		101 %	70-130	07/13/26	07/13/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: CJB		Batch: 2629033
Diesel Range Organics (C10-C28)	ND	25.0	1	07/14/26	07/16/26	
Oil Range Organics (C28-C36)	ND	50.0	1	07/14/26	07/16/26	
<i>Surrogate: n-Nonane</i>						
		104 %	69-135	07/14/26	07/16/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2629021
Chloride	16400	400	20	07/13/26	07/14/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
7/16/2026 4:41:08PM

FS21-4'

E607111-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB		Batch: 2629005	
Benzene	ND	0.0250	1	07/13/26	07/13/26	
Ethylbenzene	ND	0.0250	1	07/13/26	07/13/26	
Toluene	ND	0.0250	1	07/13/26	07/13/26	
o-Xylene	ND	0.0250	1	07/13/26	07/13/26	
p,m-Xylene	ND	0.0500	1	07/13/26	07/13/26	
Total Xylenes	ND	0.0250	1	07/13/26	07/13/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	97.3 %	70-130		07/13/26	07/13/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB		Batch: 2629005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/13/26	07/13/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	104 %	70-130		07/13/26	07/13/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CJB		Batch: 2629033	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/14/26	07/15/26	
Oil Range Organics (C28-C36)	ND	50.0	1	07/14/26	07/15/26	
<i>Surrogate: n-Nonane</i>	107 %	69-135		07/14/26	07/15/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2629021	
Chloride	6690	200	10	07/13/26	07/14/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
7/16/2026 4:41:08PM

FS22-4'

E607111-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2629005
Benzene	ND	0.0250	1	07/13/26	07/13/26	
Ethylbenzene	ND	0.0250	1	07/13/26	07/13/26	
Toluene	ND	0.0250	1	07/13/26	07/13/26	
o-Xylene	ND	0.0250	1	07/13/26	07/13/26	
p,m-Xylene	ND	0.0500	1	07/13/26	07/13/26	
Total Xylenes	ND	0.0250	1	07/13/26	07/13/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	07/13/26	07/13/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2629005
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/13/26	07/13/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.2 %	70-130	07/13/26	07/13/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: CJB		Batch: 2629033
Diesel Range Organics (C10-C28)	ND	25.0	1	07/14/26	07/15/26	
Oil Range Organics (C28-C36)	ND	50.0	1	07/14/26	07/15/26	
<i>Surrogate: n-Nonane</i>						
		106 %	69-135	07/14/26	07/15/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2629021
Chloride	6700	100	5	07/13/26	07/14/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
7/16/2026 4:41:08PM

FS23-4'

E607111-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2629005
Benzene	ND	0.0250	1	07/13/26	07/13/26	
Ethylbenzene	ND	0.0250	1	07/13/26	07/13/26	
Toluene	ND	0.0250	1	07/13/26	07/13/26	
o-Xylene	ND	0.0250	1	07/13/26	07/13/26	
p,m-Xylene	ND	0.0500	1	07/13/26	07/13/26	
Total Xylenes	ND	0.0250	1	07/13/26	07/13/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	07/13/26	07/13/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2629005
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/13/26	07/13/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		99.9 %	70-130	07/13/26	07/13/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: CJB		Batch: 2629033
Diesel Range Organics (C10-C28)	ND	25.0	1	07/14/26	07/15/26	
Oil Range Organics (C28-C36)	ND	50.0	1	07/14/26	07/15/26	
<i>Surrogate: n-Nonane</i>						
		108 %	69-135	07/14/26	07/15/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2629021
Chloride	11200	200	10	07/13/26	07/14/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
7/16/2026 4:41:08PM

FS25-4'

E607111-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB		Batch: 2629005	
Benzene	ND	0.0250	1	07/13/26	07/13/26	
Ethylbenzene	ND	0.0250	1	07/13/26	07/13/26	
Toluene	ND	0.0250	1	07/13/26	07/13/26	
o-Xylene	ND	0.0250	1	07/13/26	07/13/26	
p,m-Xylene	ND	0.0500	1	07/13/26	07/13/26	
Total Xylenes	ND	0.0250	1	07/13/26	07/13/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.0 %	70-130	07/13/26	07/13/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB		Batch: 2629005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/13/26	07/13/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		102 %	70-130	07/13/26	07/13/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CJB		Batch: 2629033	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/14/26	07/15/26	
Oil Range Organics (C28-C36)	ND	50.0	1	07/14/26	07/15/26	
<i>Surrogate: n-Nonane</i>		109 %	69-135	07/14/26	07/15/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2629021	
Chloride	5990	100	5	07/13/26	07/14/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
7/16/2026 4:41:08PM

SW01-0-4'

E607111-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2629005
Benzene	ND	0.0250	1	07/13/26	07/13/26	
Ethylbenzene	ND	0.0250	1	07/13/26	07/13/26	
Toluene	ND	0.0250	1	07/13/26	07/13/26	
o-Xylene	ND	0.0250	1	07/13/26	07/13/26	
p,m-Xylene	ND	0.0500	1	07/13/26	07/13/26	
Total Xylenes	ND	0.0250	1	07/13/26	07/13/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	07/13/26	07/13/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2629005
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/13/26	07/13/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		99.5 %	70-130	07/13/26	07/13/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: CJB		Batch: 2629033
Diesel Range Organics (C10-C28)	ND	25.0	1	07/14/26	07/15/26	
Oil Range Organics (C28-C36)	ND	50.0	1	07/14/26	07/15/26	
<i>Surrogate: n-Nonane</i>						
		111 %	69-135	07/14/26	07/15/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2629021
Chloride	37.1	20.0	1	07/13/26	07/14/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
7/16/2026 4:41:08PM

SW02-0-4'

E607111-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2629005
Benzene	ND	0.0250	1	07/13/26	07/13/26	
Ethylbenzene	ND	0.0250	1	07/13/26	07/13/26	
Toluene	ND	0.0250	1	07/13/26	07/13/26	
o-Xylene	ND	0.0250	1	07/13/26	07/13/26	
p,m-Xylene	ND	0.0500	1	07/13/26	07/13/26	
Total Xylenes	ND	0.0250	1	07/13/26	07/13/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.8 %	70-130		07/13/26	07/13/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2629005
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/13/26	07/13/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	102 %	70-130		07/13/26	07/13/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: CJB		Batch: 2629033
Diesel Range Organics (C10-C28)	ND	25.0	1	07/14/26	07/15/26	
Oil Range Organics (C28-C36)	ND	50.0	1	07/14/26	07/15/26	
<i>Surrogate: n-Nonane</i>						
	106 %	69-135		07/14/26	07/15/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2629021
Chloride	ND	20.0	1	07/13/26	07/14/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
7/16/2026 4:41:08PM

SW03-0-4'

E607111-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2629005
Benzene	ND	0.0250	1	07/13/26	07/13/26	
Ethylbenzene	ND	0.0250	1	07/13/26	07/13/26	
Toluene	ND	0.0250	1	07/13/26	07/13/26	
o-Xylene	ND	0.0250	1	07/13/26	07/13/26	
p,m-Xylene	ND	0.0500	1	07/13/26	07/13/26	
Total Xylenes	ND	0.0250	1	07/13/26	07/13/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.0 %	70-130		07/13/26	07/13/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2629005
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/13/26	07/13/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	102 %	70-130		07/13/26	07/13/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: CJB		Batch: 2629033
Diesel Range Organics (C10-C28)	ND	25.0	1	07/14/26	07/15/26	
Oil Range Organics (C28-C36)	ND	50.0	1	07/14/26	07/15/26	
<i>Surrogate: n-Nonane</i>						
	107 %	69-135		07/14/26	07/15/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2629021
Chloride	ND	20.0	1	07/13/26	07/14/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
7/16/2026 4:41:08PM

SW04-0-4'

E607111-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2629005
Benzene	ND	0.0250	1	07/13/26	07/13/26	
Ethylbenzene	ND	0.0250	1	07/13/26	07/13/26	
Toluene	ND	0.0250	1	07/13/26	07/13/26	
o-Xylene	ND	0.0250	1	07/13/26	07/13/26	
p,m-Xylene	ND	0.0500	1	07/13/26	07/13/26	
Total Xylenes	ND	0.0250	1	07/13/26	07/13/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.5 %	70-130		07/13/26	07/13/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2629005
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/13/26	07/13/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	102 %	70-130		07/13/26	07/13/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: CJB		Batch: 2629033
Diesel Range Organics (C10-C28)	ND	25.0	1	07/14/26	07/15/26	
Oil Range Organics (C28-C36)	ND	50.0	1	07/14/26	07/15/26	
<i>Surrogate: n-Nonane</i>						
	105 %	69-135		07/14/26	07/15/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2629021
Chloride	94.9	20.0	1	07/13/26	07/14/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
7/16/2026 4:41:08PM

SW05-0-4'

E607111-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2629005
Benzene	ND	0.0250	1	07/13/26	07/14/26	
Ethylbenzene	ND	0.0250	1	07/13/26	07/14/26	
Toluene	ND	0.0250	1	07/13/26	07/14/26	
o-Xylene	ND	0.0250	1	07/13/26	07/14/26	
p,m-Xylene	ND	0.0500	1	07/13/26	07/14/26	
Total Xylenes	ND	0.0250	1	07/13/26	07/14/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.8 %	70-130		07/13/26	07/14/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2629005
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/13/26	07/14/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.8 %	70-130		07/13/26	07/14/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: CJB		Batch: 2629033
Diesel Range Organics (C10-C28)	ND	25.0	1	07/14/26	07/15/26	
Oil Range Organics (C28-C36)	ND	50.0	1	07/14/26	07/15/26	
<i>Surrogate: n-Nonane</i>						
	107 %	69-135		07/14/26	07/15/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2629021
Chloride	ND	20.0	1	07/13/26	07/14/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
7/16/2026 4:41:08PM

SW06-0-4'

E607111-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB		Batch: 2629005	
Benzene	ND	0.0250	1	07/13/26	07/13/26	
Ethylbenzene	ND	0.0250	1	07/13/26	07/13/26	
Toluene	ND	0.0250	1	07/13/26	07/13/26	
o-Xylene	ND	0.0250	1	07/13/26	07/13/26	
p,m-Xylene	ND	0.0500	1	07/13/26	07/13/26	
Total Xylenes	ND	0.0250	1	07/13/26	07/13/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.4 %	70-130	07/13/26	07/13/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB		Batch: 2629005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/13/26	07/13/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		107 %	70-130	07/13/26	07/13/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CJB		Batch: 2629033	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/14/26	07/15/26	
Oil Range Organics (C28-C36)	ND	50.0	1	07/14/26	07/15/26	
<i>Surrogate: n-Nonane</i>		106 %	69-135	07/14/26	07/15/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2629021	
Chloride	ND	20.0	1	07/13/26	07/14/26	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Thistle Pipeline Leak	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Urzedo	7/16/2026 4:41:08PM

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 (2629005-BLK1)

Prepared: 07/13/26 Analyzed: 07/13/26

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	7.43		8.00		92.9	70-130			

LCS (2629005-BS1)

Prepared: 07/13/26 Analyzed: 07/13/26

Benzene	4.98	0.0250	5.00		99.6	70-130			
Ethylbenzene	4.66	0.0250	5.00		93.2	70-130			
Toluene	4.76	0.0250	5.00		95.2	70-130			
o-Xylene	4.64	0.0250	5.00		92.7	70-130			
p,m-Xylene	9.49	0.0500	10.0		94.9	70-130			
Total Xylenes	14.1	0.0250	15.0		94.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.80		8.00		97.5	70-130			

Matrix Spike (2629005-MS1)

Source: E607111-12

Prepared: 07/13/26 Analyzed: 07/13/26

Benzene	5.50	0.0250	5.00	ND	110	70-130			
Ethylbenzene	5.05	0.0250	5.00	ND	101	70-130			
Toluene	5.20	0.0250	5.00	ND	104	70-130			
o-Xylene	5.00	0.0250	5.00	ND	99.9	70-130			
p,m-Xylene	10.3	0.0500	10.0	ND	103	70-130			
Total Xylenes	15.2	0.0250	15.0	ND	102	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.73		8.00		96.7	70-130			

Matrix Spike Dup (2629005-MSD1)

Source: E607111-12

Prepared: 07/13/26 Analyzed: 07/13/26

Benzene	5.61	0.0250	5.00	ND	112	70-130	2.10	20	
Ethylbenzene	5.15	0.0250	5.00	ND	103	70-130	2.08	20	
Toluene	5.30	0.0250	5.00	ND	106	70-130	1.86	20	
o-Xylene	5.10	0.0250	5.00	ND	102	70-130	2.11	20	
p,m-Xylene	10.5	0.0500	10.0	ND	105	70-130	2.43	20	
Total Xylenes	15.6	0.0250	15.0	ND	104	70-130	2.33	20	
Surrogate: 4-Bromochlorobenzene-PID	7.83		8.00		97.9	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Thistle Pipeline Leak	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Urzedo	7/16/2026 4:41:08PM

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 (2629005-BLK1) Prepared: 07/13/26 Analyzed: 07/13/26

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

LCS (2629005-BS2) Prepared: 07/13/26 Analyzed: 07/13/26

Gasoline Range Organics (C6-C10)	51.9	20.0	50.0		104	62-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.63		8.00		108	70-130			

Matrix Spike (2629005-MS2) Source: E607111-12 Prepared: 07/13/26 Analyzed: 07/13/26

Gasoline Range Organics (C6-C10)	54.2	20.0	50.0	ND	108	60-137			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.37		8.00		105	70-130			

Matrix Spike Dup (2629005-MSD2) Source: E607111-12 Prepared: 07/13/26 Analyzed: 07/13/26

Gasoline Range Organics (C6-C10)	53.0	20.0	50.0	ND	106	60-137	2.35	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.14		8.00		102	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Thistle Pipeline Leak	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Urzedo	7/16/2026 4:41:08PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: CJB

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 (2629033-BLK1)

Prepared: 07/14/26 Analyzed: 07/15/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	53.7		50.0		107	69-135			

LCS (2629033-BS1)

Prepared: 07/14/26 Analyzed: 07/15/26

Diesel Range Organics (C10-C28)	253	25.0	250		101	70-131			
Surrogate: n-Nonane	51.0		50.0		102	69-135			

Matrix Spike (2629033-MS1)

Source: E607111-03

Prepared: 07/14/26 Analyzed: 07/15/26

Diesel Range Organics (C10-C28)	250	25.0	250	ND	99.8	62-151			
Surrogate: n-Nonane	49.6		50.0		99.2	69-135			

Matrix Spike Dup (2629033-MSD1)

Source: E607111-03

Prepared: 07/14/26 Analyzed: 07/15/26

Diesel Range Organics (C10-C28)	248	25.0	250	ND	99.3	62-151	0.525	20	
Surrogate: n-Nonane	52.7		50.0		105	69-135			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Thistle Pipeline Leak	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Urzedo	7/16/2026 4:41:08PM

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 (2629021-BLK1)					Prepared: 07/13/26 Analyzed: 07/14/26				
Chloride	ND	20.0							
LCS (2629021-BS1)					Prepared: 07/13/26 Analyzed: 07/14/26				
Chloride	271	20.0	250		108	90-110			
Matrix Spike (2629021-MS1)					Source: E607111-04		Prepared: 07/13/26 Analyzed: 07/14/26		
Chloride	6940	100	250	6700	98.6	80-120			
Matrix Spike Dup (2629021-MSD1)					Source: E607111-04		Prepared: 07/13/26 Analyzed: 07/14/26		
Chloride	6850	100	250	6700	63.6	80-120	1.27	20	M4

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



Definitions and Notes

Devon Energy - Carlsbad	Project Name:	Thistle Pipeline Leak	
333 W Sheridan Avenue	Project Number:	01058-0007	Reported:
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Urzedo	07/16/26 16:41

- 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.



WO# 22090208

Chain of Custody

Client Information				Invoice Information				Lab Use Only				TAT				State							
Client: Devon Energy				Company: Devon Energy				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX				
Project: <u>Twist Pipeline Leak</u>				Address: 5315 Buena Vista Dr				<u>E607111</u>		<u>01058-0007</u>					☒	☒							
Project Manager: Ashley Urzedo				City, State, Zip: Carlsbad NM, 88220																			
Address: 3122 National Parks Hwy				Phone: (575)689-7597																			
City, State, Zip: Carlsbad NM, 88220				Email: jim.raley@dv.com																			
Phone: 575-988-0055				Miscellaneous: Jim Raley																			
Email: aurzedo@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	BEDOC - NM	BEDOC - TX	SDWA	CWA	RCRA	Compliance	Y	or	N	
1126	7/9/26	soil	1	FS19-41		1								☒									
1127				20		2								☒									
1128				21		3								☒									
1129				22		4								☒									
1130				23		5								☒									
1132				25		6								☒									
Additional Instructions: Preserved on ice. Please CC: cburton@ensolum.com, aurzedo@ensolum.com, jim.raley@dv.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jhinkle@ensolum.com, akone@ensolum.com, jmcauley@ensolum.com, eplugge@ensolum.com, llinehan@ensolum.com, kelsie.smith@ensolum.com, llewis@ensolum.com, ahagar@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>Israel Estrella</u>																							
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: <u>Y</u> N																	
<u>[Signature]</u>	<u>7/10/26</u>	<u>7:11</u>	<u>Nathan Gonzalez</u>	<u>7/10/26</u>	<u>07:11</u>																		
<u>Nathan Gonzalez</u>	<u>7/10/26</u>	<u>1530</u>	<u>[Signature]</u>	<u>7-10-26</u>	<u>1530</u>																		
<u>[Signature]</u>	<u>7-10-24</u>	<u>2115</u>	<u>[Signature]</u>	<u>7-13-26</u>	<u>0606</u>																		
<u>[Signature]</u>			<u>[Signature]</u>																				
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time																		
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time																		
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time																		
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.																							

WO # 22090208

Chain of Custody

Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: Devon Energy				Company: Devon Energy				Lab WO# E 607111				Job Number 01058-0007				1D 2D 3D Std X			
Project: <u>Twist Pipeline Leak</u>				Address: 5315 Buena Vista Dr												NM CO UT TX			
Project Manager: Ashley Urzedo				City, State, Zip: Carlsbad NM, 88220												x			
Address: 3122 National Parks Hwy				Phone: (575)689-7597															
City, State, Zip: Carlsbad NM, 88220				Email: jim.raley@dm.com															
Phone: 575-988-0055				Miscellaneous: Jim Raley															
Email: aurzedo@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	BDOC - NM	BDOC - TX	SDWA	CWA	RCRA
1133	7/9/26	Soil	1	SW01-0-41		7									X				
1134				02		8									X				
1135				03		9									X				
1136				04		10									X				
1137				05		11									X				
1138				06		12									X				
Additional Instructions: Preserved on ice. Please CC: cburton@ensolum.com, aurzedo@ensolum.com, jim.raley@dm.com, iestrella@ensolum.com, chamilton@ensolum.com, bmlr@ensolum.com, jhinkle@ensolum.com, akone@ensolum.com, jmccauley@ensolum.com, eplugge@ensolum.com, llinehan@ensolum.com, kelsie.smith@ensolum.com, llewis@ensolum.com, ahagar@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>Israel Estrella</u>																			
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: <u>Y</u> N							
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																			
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																			
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			

Envirotech Analytical Laboratory

Printed: 7/13/2026 8:56:11AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	07/13/26 06:00	Work Order ID:	E607111
Phone:	(505) 382-1211	Date Logged In:	07/13/26 06:42	Logged In By:	Noe Soto
Email:	agiovento@ensolum.com	Due Date:	07/17/26 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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Ashley Urzedo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Thistle Pipeline Leak

Work Order: E607165

Job Number: 01058-0007

Received: 7/17/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/22/26

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: 7/22/26

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



Project Name: Thistle Pipeline Leak
Workorder: E607165
Date Received: 7/17/2026 7:30:00AM

Ashley Urzedo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/17/2026 7:30:00AM, under the Project Name: Thistle Pipeline Leak.

The analytical test results summarized in this report with the Project Name: Thistle Pipeline 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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Cell: 775-287-1762
whinchman@envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Thistle Pipeline Leak	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Urzedo	07/22/26 16:20

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS07-4'	E607165-01A	Soil	07/15/26	07/17/26	Glass Jar, 2 oz.
FS08-4'	E607165-02A	Soil	07/15/26	07/17/26	Glass Jar, 2 oz.
FS09-4'	E607165-03A	Soil	07/15/26	07/17/26	Glass Jar, 2 oz.
FS10-4'	E607165-04A	Soil	07/15/26	07/17/26	Glass Jar, 2 oz.
FS11-4'	E607165-05A	Soil	07/15/26	07/17/26	Glass Jar, 2 oz.
FS16-4'	E607165-06A	Soil	07/15/26	07/17/26	Glass Jar, 2 oz.
FS17-4'	E607165-07A	Soil	07/15/26	07/17/26	Glass Jar, 2 oz.
FS18-4'	E607165-08A	Soil	07/15/26	07/17/26	Glass Jar, 2 oz.
FS26-0.5'	E607165-09A	Soil	07/15/26	07/17/26	Glass Jar, 2 oz.
FS27-0.5'	E607165-10A	Soil	07/15/26	07/17/26	Glass Jar, 2 oz.
SW07-0-4'	E607165-11A	Soil	07/15/26	07/17/26	Glass Jar, 2 oz.
SW08-0-4'	E607165-12A	Soil	07/15/26	07/17/26	Glass Jar, 2 oz.
SW11-0-4'	E607165-13A	Soil	07/15/26	07/17/26	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
7/22/2026 4:20:08PM

FS07-4'

E607165-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2629099	
Benzene	ND	0.0250	1	07/17/26	07/17/26	
Ethylbenzene	ND	0.0250	1	07/17/26	07/17/26	
Toluene	ND	0.0250	1	07/17/26	07/17/26	
o-Xylene	ND	0.0250	1	07/17/26	07/17/26	
p,m-Xylene	ND	0.0500	1	07/17/26	07/17/26	
Total Xylenes	ND	0.0250	1	07/17/26	07/17/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		108 %	70-130	07/17/26	07/17/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2629099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/17/26	07/17/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.3 %	70-130	07/17/26	07/17/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CJB		Batch: 2630023	
Diesel Range Organics (C10-C28)	236	25.0	1	07/20/26	07/21/26	
Oil Range Organics (C28-C36)	168	50.0	1	07/20/26	07/21/26	
<i>Surrogate: n-Nonane</i>		90.3 %	69-135	07/20/26	07/21/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2629109	
Chloride	1200	20.0	1	07/17/26	07/20/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
7/22/2026 4:20:08PM

FS08-4'

E607165-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2629099	
Benzene	ND	0.0250	1	07/17/26	07/17/26	
Ethylbenzene	ND	0.0250	1	07/17/26	07/17/26	
Toluene	ND	0.0250	1	07/17/26	07/17/26	
o-Xylene	ND	0.0250	1	07/17/26	07/17/26	
p,m-Xylene	ND	0.0500	1	07/17/26	07/17/26	
Total Xylenes	ND	0.0250	1	07/17/26	07/17/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		109 %	70-130	07/17/26	07/17/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2629099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/17/26	07/17/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.1 %	70-130	07/17/26	07/17/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: CJB		Batch: 2630023	
Diesel Range Organics (C10-C28)	365	25.0	1	07/20/26	07/21/26	
Oil Range Organics (C28-C36)	197	50.0	1	07/20/26	07/21/26	
<i>Surrogate: n-Nonane</i>						
		88.3 %	69-135	07/20/26	07/21/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2629109	
Chloride	2330	40.0	2	07/17/26	07/20/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
7/22/2026 4:20:08PM

FS09-4'

E607165-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2629099	
Benzene	ND	0.0250	1	07/17/26	07/17/26	
Ethylbenzene	ND	0.0250	1	07/17/26	07/17/26	
Toluene	ND	0.0250	1	07/17/26	07/17/26	
o-Xylene	ND	0.0250	1	07/17/26	07/17/26	
p,m-Xylene	ND	0.0500	1	07/17/26	07/17/26	
Total Xylenes	ND	0.0250	1	07/17/26	07/17/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		108 %	70-130	07/17/26	07/17/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2629099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/17/26	07/17/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.1 %	70-130	07/17/26	07/17/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: CJB		Batch: 2630023	
Diesel Range Organics (C10-C28)	254	25.0	1	07/20/26	07/21/26	
Oil Range Organics (C28-C36)	149	50.0	1	07/20/26	07/21/26	
<i>Surrogate: n-Nonane</i>						
		88.5 %	69-135	07/20/26	07/21/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2629109	
Chloride	4160	40.0	2	07/17/26	07/20/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
7/22/2026 4:20:08PM

FS10-4'

E607165-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2629099	
Benzene	ND	0.0250	1	07/17/26	07/17/26	
Ethylbenzene	ND	0.0250	1	07/17/26	07/17/26	
Toluene	ND	0.0250	1	07/17/26	07/17/26	
o-Xylene	ND	0.0250	1	07/17/26	07/17/26	
p,m-Xylene	ND	0.0500	1	07/17/26	07/17/26	
Total Xylenes	ND	0.0250	1	07/17/26	07/17/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		109 %	70-130	07/17/26	07/17/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2629099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/17/26	07/17/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.2 %	70-130	07/17/26	07/17/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: CJB		Batch: 2630023	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/26	07/21/26	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/26	07/21/26	
<i>Surrogate: n-Nonane</i>						
		90.8 %	69-135	07/20/26	07/21/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2629109	
Chloride	7620	200	10	07/17/26	07/20/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
7/22/2026 4:20:08PM

FS11-4'

E607165-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2629099	
Benzene	ND	0.0250	1	07/17/26	07/17/26	
Ethylbenzene	ND	0.0250	1	07/17/26	07/17/26	
Toluene	ND	0.0250	1	07/17/26	07/17/26	
o-Xylene	ND	0.0250	1	07/17/26	07/17/26	
p,m-Xylene	ND	0.0500	1	07/17/26	07/17/26	
Total Xylenes	ND	0.0250	1	07/17/26	07/17/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	07/17/26	07/17/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2629099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/17/26	07/17/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.5 %	70-130	07/17/26	07/17/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: CJB		Batch: 2630023	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/26	07/21/26	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/26	07/21/26	
<i>Surrogate: n-Nonane</i>						
		88.4 %	69-135	07/20/26	07/21/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2629109	
Chloride	3020	40.0	2	07/17/26	07/20/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
7/22/2026 4:20:08PM

FS16-4'

E607165-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2629099	
Benzene	ND	0.0250	1	07/17/26	07/17/26	
Ethylbenzene	ND	0.0250	1	07/17/26	07/17/26	
Toluene	ND	0.0250	1	07/17/26	07/17/26	
o-Xylene	ND	0.0250	1	07/17/26	07/17/26	
p,m-Xylene	ND	0.0500	1	07/17/26	07/17/26	
Total Xylenes	ND	0.0250	1	07/17/26	07/17/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		108 %	70-130	07/17/26	07/17/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2629099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/17/26	07/17/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.6 %	70-130	07/17/26	07/17/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CJB		Batch: 2630023	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/26	07/21/26	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/26	07/21/26	
<i>Surrogate: n-Nonane</i>		90.0 %	69-135	07/20/26	07/21/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2629109	
Chloride	10800	200	10	07/17/26	07/20/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
7/22/2026 4:20:08PM

FS17-4'

E607165-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2629099	
Benzene	ND	0.0250	1	07/17/26	07/17/26	
Ethylbenzene	ND	0.0250	1	07/17/26	07/17/26	
Toluene	ND	0.0250	1	07/17/26	07/17/26	
o-Xylene	ND	0.0250	1	07/17/26	07/17/26	
p,m-Xylene	ND	0.0500	1	07/17/26	07/17/26	
Total Xylenes	ND	0.0250	1	07/17/26	07/17/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		107 %	70-130	07/17/26	07/17/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2629099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/17/26	07/17/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.9 %	70-130	07/17/26	07/17/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CJB		Batch: 2630023	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/26	07/21/26	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/26	07/21/26	
<i>Surrogate: n-Nonane</i>		88.1 %	69-135	07/20/26	07/21/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2629109	
Chloride	11100	200	10	07/17/26	07/21/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
7/22/2026 4:20:08PM

FS18-4'

E607165-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2629099
Benzene	ND	0.0250	1	07/17/26	07/17/26	
Ethylbenzene	ND	0.0250	1	07/17/26	07/17/26	
Toluene	ND	0.0250	1	07/17/26	07/17/26	
o-Xylene	ND	0.0250	1	07/17/26	07/17/26	
p,m-Xylene	ND	0.0500	1	07/17/26	07/17/26	
Total Xylenes	ND	0.0250	1	07/17/26	07/17/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		106 %	70-130	07/17/26	07/17/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2629099
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/17/26	07/17/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.3 %	70-130	07/17/26	07/17/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: CJB		Batch: 2630023
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/26	07/21/26	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/26	07/21/26	
<i>Surrogate: n-Nonane</i>						
		90.5 %	69-135	07/20/26	07/21/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2629109
Chloride	9240	200	10	07/17/26	07/21/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
7/22/2026 4:20:08PM

FS26-0.5'

E607165-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2629099	
Benzene	ND	0.0250	1	07/17/26	07/17/26	
Ethylbenzene	ND	0.0250	1	07/17/26	07/17/26	
Toluene	ND	0.0250	1	07/17/26	07/17/26	
o-Xylene	ND	0.0250	1	07/17/26	07/17/26	
p,m-Xylene	ND	0.0500	1	07/17/26	07/17/26	
Total Xylenes	ND	0.0250	1	07/17/26	07/17/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		107 %	70-130	07/17/26	07/17/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2629099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/17/26	07/17/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.6 %	70-130	07/17/26	07/17/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: CJB		Batch: 2630023	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/26	07/21/26	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/26	07/21/26	
<i>Surrogate: n-Nonane</i>						
		90.5 %	69-135	07/20/26	07/21/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2629109	
Chloride	1920	20.0	1	07/17/26	07/21/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
7/22/2026 4:20:08PM

FS27-0.5'

E607165-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2629099	
Benzene	ND	0.0250	1	07/17/26	07/17/26	
Ethylbenzene	ND	0.0250	1	07/17/26	07/17/26	
Toluene	ND	0.0250	1	07/17/26	07/17/26	
o-Xylene	ND	0.0250	1	07/17/26	07/17/26	
p,m-Xylene	ND	0.0500	1	07/17/26	07/17/26	
Total Xylenes	ND	0.0250	1	07/17/26	07/17/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		105 %	70-130	07/17/26	07/17/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2629099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/17/26	07/17/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.5 %	70-130	07/17/26	07/17/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CJB		Batch: 2630023	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/26	07/21/26	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/26	07/21/26	
<i>Surrogate: n-Nonane</i>		85.6 %	69-135	07/20/26	07/21/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2629109	
Chloride	839	20.0	1	07/17/26	07/21/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
7/22/2026 4:20:08PM

SW07-0-4'

E607165-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2629099
Benzene	ND	0.0250	1	07/17/26	07/17/26	
Ethylbenzene	ND	0.0250	1	07/17/26	07/17/26	
Toluene	ND	0.0250	1	07/17/26	07/17/26	
o-Xylene	ND	0.0250	1	07/17/26	07/17/26	
p,m-Xylene	ND	0.0500	1	07/17/26	07/17/26	
Total Xylenes	ND	0.0250	1	07/17/26	07/17/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		107 %	70-130	07/17/26	07/17/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2629099
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/17/26	07/17/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.2 %	70-130	07/17/26	07/17/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: CJB		Batch: 2630023
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/26	07/21/26	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/26	07/21/26	
<i>Surrogate: n-Nonane</i>						
		86.4 %	69-135	07/20/26	07/21/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2629109
Chloride	ND	20.0	1	07/17/26	07/21/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
7/22/2026 4:20:08PM

SW08-0-4'

E607165-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2629099	
Benzene	ND	0.0250	1	07/17/26	07/17/26	
Ethylbenzene	ND	0.0250	1	07/17/26	07/17/26	
Toluene	ND	0.0250	1	07/17/26	07/17/26	
o-Xylene	ND	0.0250	1	07/17/26	07/17/26	
p,m-Xylene	ND	0.0500	1	07/17/26	07/17/26	
Total Xylenes	ND	0.0250	1	07/17/26	07/17/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		106 %	70-130	07/17/26	07/17/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2629099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/17/26	07/17/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.6 %	70-130	07/17/26	07/17/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CJB		Batch: 2630023	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/26	07/21/26	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/26	07/21/26	
<i>Surrogate: n-Nonane</i>		88.0 %	69-135	07/20/26	07/21/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2629109	
Chloride	218	20.0	1	07/17/26	07/21/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
7/22/2026 4:20:08PM

SW11-0-4'

E607165-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2629099
Benzene	ND	0.0250	1	07/17/26	07/17/26	
Ethylbenzene	ND	0.0250	1	07/17/26	07/17/26	
Toluene	ND	0.0250	1	07/17/26	07/17/26	
o-Xylene	ND	0.0250	1	07/17/26	07/17/26	
p,m-Xylene	ND	0.0500	1	07/17/26	07/17/26	
Total Xylenes	ND	0.0250	1	07/17/26	07/17/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		106 %	70-130	07/17/26	07/17/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2629099
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/17/26	07/17/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.4 %	70-130	07/17/26	07/17/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: CJB		Batch: 2630023
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/26	07/21/26	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/26	07/21/26	
<i>Surrogate: n-Nonane</i>						
		87.0 %	69-135	07/20/26	07/21/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2629109
Chloride	310	20.0	1	07/17/26	07/21/26	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Thistle Pipeline Leak	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Urzedo	7/22/2026 4:20:08PM

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 (2629099-BLK1)

Prepared: 07/17/26 Analyzed: 07/17/26

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	8.29		8.00		104	70-130			

LCS (2629099-BS1)

Prepared: 07/17/26 Analyzed: 07/17/26

Benzene	4.85	0.0250	5.00		97.1	70-130			
Ethylbenzene	4.68	0.0250	5.00		93.6	70-130			
Toluene	4.84	0.0250	5.00		96.7	70-130			
o-Xylene	4.75	0.0250	5.00		95.0	70-130			
p,m-Xylene	9.50	0.0500	10.0		95.0	70-130			
Total Xylenes	14.3	0.0250	15.0		95.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.31		8.00		104	70-130			

Matrix Spike (2629099-MS1)

Source: E607165-05

Prepared: 07/17/26 Analyzed: 07/17/26

Benzene	5.14	0.0250	5.00	ND	103	70-130			
Ethylbenzene	4.94	0.0250	5.00	ND	98.7	70-130			
Toluene	5.12	0.0250	5.00	ND	102	70-130			
o-Xylene	5.01	0.0250	5.00	ND	100	70-130			
p,m-Xylene	10.0	0.0500	10.0	ND	100	70-130			
Total Xylenes	15.0	0.0250	15.0	ND	100	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.40		8.00		105	70-130			

Matrix Spike Dup (2629099-MSD1)

Source: E607165-05

Prepared: 07/17/26 Analyzed: 07/17/26

Benzene	4.82	0.0250	5.00	ND	96.4	70-130	6.44	20	
Ethylbenzene	4.67	0.0250	5.00	ND	93.4	70-130	5.61	20	
Toluene	4.81	0.0250	5.00	ND	96.2	70-130	6.27	20	
o-Xylene	4.73	0.0250	5.00	ND	94.7	70-130	5.76	20	
p,m-Xylene	9.47	0.0500	10.0	ND	94.7	70-130	5.43	20	
Total Xylenes	14.2	0.0250	15.0	ND	94.7	70-130	5.54	20	
Surrogate: 4-Bromochlorobenzene-PID	8.43		8.00		105	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Thistle Pipeline Leak	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Urzedo	7/22/2026 4:20:08PM

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 (2629099-BLK1) Prepared: 07/17/26 Analyzed: 07/17/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.52		8.00		94.0	70-130			

LCS (2629099-BS2) Prepared: 07/17/26 Analyzed: 07/17/26

Gasoline Range Organics (C6-C10)	49.3	20.0	50.0		98.6	62-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.54		8.00		94.2	70-130			

Matrix Spike (2629099-MS2) Source: E607165-05 Prepared: 07/17/26 Analyzed: 07/17/26

Gasoline Range Organics (C6-C10)	52.9	20.0	50.0	ND	106	60-137			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.66		8.00		95.8	70-130			

Matrix Spike Dup (2629099-MSD2) Source: E607165-05 Prepared: 07/17/26 Analyzed: 07/17/26

Gasoline Range Organics (C6-C10)	53.3	20.0	50.0	ND	107	60-137	0.829	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.61		8.00		95.1	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Thistle Pipeline Leak	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Urzedo	7/22/2026 4:20:08PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: CJB

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 (2630023-BLK1)					Prepared: 07/20/26 Analyzed: 07/21/26				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	41.4		50.0		82.8	69-135			

LCS (2630023-BS1)					Prepared: 07/20/26 Analyzed: 07/21/26				
Diesel Range Organics (C10-C28)	232	25.0	250		92.9	70-131			
Surrogate: n-Nonane	41.5		50.0		83.0	69-135			

Matrix Spike (2630023-MS1)					Source: E607165-13		Prepared: 07/20/26 Analyzed: 07/21/26		
Diesel Range Organics (C10-C28)	230	25.0	250	ND	92.1	62-151			
Surrogate: n-Nonane	43.7		50.0		87.3	69-135			

Matrix Spike Dup (2630023-MSD1)					Source: E607165-13		Prepared: 07/20/26 Analyzed: 07/21/26		
Diesel Range Organics (C10-C28)	239	25.0	250	ND	95.4	62-151	3.59	20	
Surrogate: n-Nonane	43.5		50.0		87.1	69-135			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Thistle Pipeline Leak	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Urzedo	7/22/2026 4:20:08PM

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (2629109-BLK1)					Prepared: 07/17/26 Analyzed: 07/20/26				
Chloride	ND	20.0							
LCS (2629109-BS1)					Prepared: 07/17/26 Analyzed: 07/20/26				
Chloride	264	20.0	250		106	90-110			
Matrix Spike (2629109-MS1)					Source: E607165-04		Prepared: 07/17/26 Analyzed: 07/20/26		
Chloride	8120	200	250	7620	199	80-120			M4
Matrix Spike Dup (2629109-MSD1)					Source: E607165-04		Prepared: 07/17/26 Analyzed: 07/20/26		
Chloride	8010	200	250	7620	154	80-120	1.38	20	M4

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



Definitions and Notes

Devon Energy - Carlsbad	Project Name:	Thistle Pipeline Leak	
333 W Sheridan Avenue	Project Number:	01058-0007	Reported:
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Urzedo	07/22/26 16:20

- M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
- 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.



W0# 22090208

Client Information				Invoice Information		Lab Use Only		TAT				State						
Client: Devon Energy				Company: Devon Energy		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX			
Project: <u>Twist Pipeline Leak</u>				Address: 5315 Buena Vista Dr		E 1207165	01058-0007				X	X						
Project Manager: Ashley Urzedo				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: aurzedo@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	TCED 1005-TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA
1031	7/15/26	soil	1	F507-4'		1								X		2.5		
1032				08		2								X		1.9		
1034				09		3								X		2.5		
906				10		4								X		1.6		
1037				11		5								X		3.4		
907				16		6								X		2.7		
908				17		7								X		2.1		
909				18 ↓		8								X		2.1		
1039				26-0.5'		9								X		2.1		
1040	✓	✓	✓	27-0.5'		10								X		1.9		

Additional Instructions: Preserved on ice. Please CC: cburton@ensolum.com, aurzedo@ensolum.com, jim.raley@dnv.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jhinkle@ensolum.com, akone@ensolum.com, jmcauley@ensolum.com, eplugge@ensolum.com, llinehan@ensolum.com, kelsie.smith@ensolum.com, llewis@ensolum.com, ahagar@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: Israel Estrella

Relinquished by: (Signature) [Signature] Date 7/16/26 Time 7:11

Received by: (Signature) Michelle Gonzales Date 7-16-26 Time 0711

Relinquished by: (Signature) Michelle Gonzales Date 7-16-26 Time 1215

Received by: (Signature) Marissa Gonzales Date 7-16-26 Time 1215

Relinquished by: (Signature) Marissa Gonzales Date 7-16-26 Time 1605

Received by: (Signature) Johnny Archuleta Date 7-16-26 Time 1605

Relinquished by: (Signature) Johnny Archuleta Date 7-16-26 Time 2015

Received by: (Signature) Caith man Date 7-17-26 Time 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.



WO # 22040208

[illegible]

Client Information				Invoice Information		Lab Use Only		TAT		State									
Client: Devon Energy				Company: Devon Energy		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX				
Project: <u>Twist Pipeline Leak</u>				Address: 5315 Buena Vista Dr		E 407165	01058-0007				X	X							
Project Manager: Ashley Urzedo				City, State, Zip: Carlsbad NM, 88220															
Address: 3122 National Parks Hwy				Phone: (575)689-7597															
City, State, Zip: Carlsbad NM, 88220				Email: jim.raley@envirotech.com															
Phone: 575-988-0055				Miscellaneous: Jim Raley															
Email: aurzedo@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	BEDOC - NM	BEDOC - TX	SDWA	CWA	RCRA	
1031	7/15/26	soil	1	F507-4'		1								X					
1032				08		2								X					
1034				09		3								X					
906				10		4								X					
1037				11		5								X					
907				16		6								X					
908				17		7								X					
909				18		8								X					
1039				24-0.5'		9								X					
1040				27-0.5'		10								X					
Additional Instructions: Preserved on ice. Please CC: cburton@ensolum.com, aurzedo@ensolum.com, jim.raley@envirotech.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jhinkle@ensolum.com, akone@ensolum.com, jmccauley@ensolum.com, eplugge@ensolum.com, llinehan@ensolum.com, kelsie.smith@ensolum.com, llewis@ensolum.com, ahagar@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>Israel Estrella</u>																			
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: ☒ Y ☐ N							
<u>Michelle Gonzales</u>		7/16/26		7:11		<u>Michelle Gonzales</u>		7-16-26		0711									
<u>Marissa Gonzales</u>		7-16-26		1215		<u>Marissa Gonzales</u>		7-16-26		1215									
<u>Johnny Archuleta</u>		7-16-26		1605		<u>Johnny Archuleta</u>		7-16-26		1605									
<u>Carthman</u>		7-16-26		2015		<u>Carthman</u>		7-17-26		730									
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																			
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																			
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			

Envirotech Analytical Laboratory

Printed: 7/17/2026 8:13:26AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	07/17/26 07:30	Work Order ID:	E607165
Phone:	(505) 382-1211	Date Logged In:	07/16/26 15:36	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	07/23/26 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? No
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Ashley Urzedo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Thistle Pipeline Leak

Work Order: E608075

Job Number: 01058-0007

Received: 8/10/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/14/26

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: 8/14/26

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



Project Name: Thistle Pipeline Leak
Workorder: E608075
Date Received: 8/10/2026 6:00:00AM

Ashley Urzedo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/10/2026 6:00:00AM, under the Project Name: Thistle Pipeline Leak.

The analytical test results summarized in this report with the Project Name: Thistle Pipeline 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

Raina Schwanz
Laboratory Administrator
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mgonzaless@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Thistle Pipeline Leak	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Urzedo	08/14/26 08:35

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH03-12'	E608075-01A	Soil	08/06/26	08/10/26	Glass Jar, 2 oz.
BH04-11'	E608075-02A	Soil	08/06/26	08/10/26	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Thistle Pipeline Leak Project Number: 01058-0007 Project Manager: Ashley Urzedo	Reported: 8/14/2026 8:35:10AM
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BH03-12'

E608075-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2633003	
Benzene	ND	0.0250	1	08/10/26	08/10/26	
Ethylbenzene	ND	0.0250	1	08/10/26	08/10/26	
Toluene	ND	0.0250	1	08/10/26	08/10/26	
o-Xylene	ND	0.0250	1	08/10/26	08/10/26	
p,m-Xylene	ND	0.0500	1	08/10/26	08/10/26	
Total Xylenes	ND	0.0250	1	08/10/26	08/10/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	<i>94.2 %</i>	<i>70-130</i>		<i>08/10/26</i>	<i>08/10/26</i>	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2633003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/10/26	08/10/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	<i>97.1 %</i>	<i>70-130</i>		<i>08/10/26</i>	<i>08/10/26</i>	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2633002	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/10/26	08/10/26	
Oil Range Organics (C28-C36)	ND	50.0	1	08/10/26	08/10/26	
<i>Surrogate: n-Nonane</i>	<i>101 %</i>	<i>69-135</i>		<i>08/10/26</i>	<i>08/10/26</i>	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2633018	
Chloride	5740	100	5	08/10/26	08/11/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
8/14/2026 8:35:10AM

BH04-11'

E608075-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2633003	
Benzene	ND	0.0250	1	08/10/26	08/10/26	
Ethylbenzene	ND	0.0250	1	08/10/26	08/10/26	
Toluene	ND	0.0250	1	08/10/26	08/10/26	
o-Xylene	ND	0.0250	1	08/10/26	08/10/26	
p,m-Xylene	ND	0.0500	1	08/10/26	08/10/26	
Total Xylenes	ND	0.0250	1	08/10/26	08/10/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	92.7 %		70-130	08/10/26	08/10/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2633003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/10/26	08/10/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	99.1 %		70-130	08/10/26	08/10/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2633002	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/10/26	08/10/26	
Oil Range Organics (C28-C36)	ND	50.0	1	08/10/26	08/10/26	
<i>Surrogate: n-Nonane</i>	101 %		69-135	08/10/26	08/10/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2633018	
Chloride	5300	100	5	08/10/26	08/11/26	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Thistle Pipeline Leak	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Urzedo	8/14/2026 8:35:10AM

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 (2633003-BLK1)

Prepared: 08/10/26 Analyzed: 08/10/26

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	7.38		8.00		92.3	70-130			

LCS (2633003-BS1)

Prepared: 08/10/26 Analyzed: 08/10/26

Benzene	5.13	0.0250	5.00		103	70-130			
Ethylbenzene	4.83	0.0250	5.00		96.6	70-130			
Toluene	4.92	0.0250	5.00		98.4	70-130			
o-Xylene	4.83	0.0250	5.00		96.7	70-130			
p,m-Xylene	9.93	0.0500	10.0		99.3	70-130			
Total Xylenes	14.8	0.0250	15.0		98.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.44		8.00		92.9	70-130			

Matrix Spike (2633003-MS1)

Source: E608071-02

Prepared: 08/10/26 Analyzed: 08/10/26

Benzene	5.32	0.0250	5.00	ND	106	70-130			
Ethylbenzene	5.04	0.0250	5.00	ND	101	70-130			
Toluene	5.12	0.0250	5.00	ND	102	70-130			
o-Xylene	5.04	0.0250	5.00	ND	101	70-130			
p,m-Xylene	10.3	0.0500	10.0	ND	103	70-130			
Total Xylenes	15.4	0.0250	15.0	ND	102	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.43		8.00		92.9	70-130			

Matrix Spike Dup (2633003-MSD1)

Source: E608071-02

Prepared: 08/10/26 Analyzed: 08/10/26

Benzene	4.80	0.0250	5.00	ND	96.0	70-130	10.3	20	
Ethylbenzene	4.55	0.0250	5.00	ND	90.9	70-130	10.3	20	
Toluene	4.62	0.0250	5.00	ND	92.5	70-130	10.2	20	
o-Xylene	4.53	0.0250	5.00	ND	90.7	70-130	10.5	20	
p,m-Xylene	9.33	0.0500	10.0	ND	93.3	70-130	10.2	20	
Total Xylenes	13.9	0.0250	15.0	ND	92.4	70-130	10.3	20	
Surrogate: 4-Bromochlorobenzene-PID	7.50		8.00		93.8	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Thistle Pipeline Leak	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Urzedo	8/14/2026 8:35:10AM

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 (2633003-BLK1) Prepared: 08/10/26 Analyzed: 08/10/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.90		8.00		98.8	70-130			

LCS (2633003-BS2) Prepared: 08/10/26 Analyzed: 08/10/26

Gasoline Range Organics (C6-C10)	40.5	20.0	50.0		81.0	62-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.05		8.00		101	70-130			

Matrix Spike (2633003-MS2) Source: E608071-02 Prepared: 08/10/26 Analyzed: 08/10/26

Gasoline Range Organics (C6-C10)	46.1	20.0	50.0	ND	92.2	60-137			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.05		8.00		101	70-130			

Matrix Spike Dup (2633003-MSD2) Source: E608071-02 Prepared: 08/10/26 Analyzed: 08/10/26

Gasoline Range Organics (C6-C10)	50.3	20.0	50.0	ND	101	60-137	8.73	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.97		8.00		99.6	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Thistle Pipeline Leak	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Urzedo	8/14/2026 8:35:10AM

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 (2633002-BLK1)

Prepared: 08/10/26 Analyzed: 08/10/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	49.3		50.0		98.6	69-135			

LCS (2633002-BS1)

Prepared: 08/10/26 Analyzed: 08/10/26

Diesel Range Organics (C10-C28)	220	25.0	250		88.1	70-131			
Surrogate: <i>n</i> -Nonane	48.1		50.0		96.2	69-135			

Matrix Spike (2633002-MS1)

Source: E608070-02

Prepared: 08/10/26 Analyzed: 08/10/26

Diesel Range Organics (C10-C28)	264	25.0	250	31.2	93.0	62-151			
Surrogate: <i>n</i> -Nonane	51.0		50.0		102	69-135			

Matrix Spike Dup (2633002-MSD1)

Source: E608070-02

Prepared: 08/10/26 Analyzed: 08/10/26

Diesel Range Organics (C10-C28)	267	25.0	250	31.2	94.2	62-151	1.10	20	
Surrogate: <i>n</i> -Nonane	50.5		50.0		101	69-135			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Thistle Pipeline Leak	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Urzedo	8/14/2026 8:35:10AM

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (2633018-BLK1)					Prepared: 08/10/26 Analyzed: 08/11/26				
Chloride	ND	20.0							
LCS (2633018-BS1)					Prepared: 08/10/26 Analyzed: 08/11/26				
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2633018-MS1)					Source: E608078-03		Prepared: 08/10/26 Analyzed: 08/11/26		
Chloride	345	200	250	ND	138	80-120			M6
Matrix Spike Dup (2633018-MSD1)					Source: E608078-03		Prepared: 08/10/26 Analyzed: 08/11/26		
Chloride	352	200	250	ND	141	80-120	2.10	20	M6

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:	Thistle Pipeline Leak	
333 W Sheridan Avenue	Project Number:	01058-0007	Reported:
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Urzedo	08/14/26 08:35

- M6 Matrix spike recovery has a high bias. The native sample results were below the RL, but appears to have contributed to high MS recoveries.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

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

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



Chain of Custody

WO# 22090208

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: Thistle Pipeline Leak				Address: 5315 Buena Vista Dr				EL008075		01068-0007					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: 03Aresults@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			
1450	8/6/2026	S	1	BH03 - 12'		1								X							
1125	8/6/2026	S	1	BH04 - 11'		2								X							
Additional Instructions: please send results to client email																					
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																					
Sampled by: Jarad McCauley																					
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: ☒ Y ☐ N															
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time																
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time																
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time																
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time																
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other	Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																				
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																					

Envirotech Analytical Laboratory

Printed: 8/10/2026 8:41:11AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	08/10/26 06:00	Work Order ID:	E608075
Phone:	(505) 382-1211	Date Logged In:	08/07/26 16:15	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	08/14/26 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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Ashley Urzedo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Thistle Pipeline Leak

Work Order: E608076

Job Number: 01058-0007

Received: 8/10/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/14/26

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: 8/14/26



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

Project Name: Thistle Pipeline Leak
Workorder: E608076
Date Received: 8/10/2026 6:00:00AM

Ashley Urzedo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/10/2026 6:00:00AM, under the Project Name: Thistle Pipeline Leak.

The analytical test results summarized in this report with the Project Name: Thistle Pipeline 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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Sample Summary

Devon Energy - Carlsbad	Project Name:	Thistle Pipeline Leak	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Urzedo	08/14/26 08:36

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS26-1'	E608076-01A	Soil	08/06/26	08/10/26	Glass Jar, 2 oz.
FS27-1'	E608076-02A	Soil	08/06/26	08/10/26	Glass Jar, 2 oz.
SW15-0-1'	E608076-03A	Soil	08/06/26	08/10/26	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Thistle Pipeline Leak Project Number: 01058-0007 Project Manager: Ashley Urzedo	Reported: 8/14/2026 8:36:03AM
--	---	----------------------------------

FS26-1'

E608076-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB		Batch: 2633012	
Benzene	ND	0.0250	1	08/10/26	08/10/26	
Ethylbenzene	ND	0.0250	1	08/10/26	08/10/26	
Toluene	ND	0.0250	1	08/10/26	08/10/26	
o-Xylene	ND	0.0250	1	08/10/26	08/10/26	
p,m-Xylene	ND	0.0500	1	08/10/26	08/10/26	
Total Xylenes	ND	0.0250	1	08/10/26	08/10/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	<i>94.1 %</i>	<i>70-130</i>		<i>08/10/26</i>	<i>08/10/26</i>	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB		Batch: 2633012	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/10/26	08/10/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	<i>95.5 %</i>	<i>70-130</i>		<i>08/10/26</i>	<i>08/10/26</i>	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CJB		Batch: 2633013	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/10/26	08/11/26	
Oil Range Organics (C28-C36)	ND	50.0	1	08/10/26	08/11/26	
<i>Surrogate: n-Nonane</i>	<i>105 %</i>	<i>69-135</i>		<i>08/10/26</i>	<i>08/11/26</i>	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2633064	
Chloride	69.6	20.0	1	08/11/26	08/11/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
8/14/2026 8:36:03AM

FS27-1'

E608076-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB		Batch: 2633012	
Benzene	ND	0.0250	1	08/10/26	08/10/26	
Ethylbenzene	ND	0.0250	1	08/10/26	08/10/26	
Toluene	ND	0.0250	1	08/10/26	08/10/26	
o-Xylene	ND	0.0250	1	08/10/26	08/10/26	
p,m-Xylene	ND	0.0500	1	08/10/26	08/10/26	
Total Xylenes	ND	0.0250	1	08/10/26	08/10/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	94.6 %	70-130		08/10/26	08/10/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB		Batch: 2633012	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/10/26	08/10/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	95.3 %	70-130		08/10/26	08/10/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CJB		Batch: 2633013	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/10/26	08/11/26	
Oil Range Organics (C28-C36)	ND	50.0	1	08/10/26	08/11/26	
<i>Surrogate: n-Nonane</i>	105 %	69-135		08/10/26	08/11/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2633064	
Chloride	76.6	20.0	1	08/11/26	08/11/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
8/14/2026 8:36:03AM

SW15-0-1'

E608076-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2633012
Benzene	ND	0.0250	1	08/10/26	08/10/26	
Ethylbenzene	ND	0.0250	1	08/10/26	08/10/26	
Toluene	ND	0.0250	1	08/10/26	08/10/26	
o-Xylene	ND	0.0250	1	08/10/26	08/10/26	
p,m-Xylene	ND	0.0500	1	08/10/26	08/10/26	
Total Xylenes	ND	0.0250	1	08/10/26	08/10/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.2 %	70-130		08/10/26	08/10/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2633012
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/10/26	08/10/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.5 %	70-130		08/10/26	08/10/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: CJB		Batch: 2633013
Diesel Range Organics (C10-C28)	ND	25.0	1	08/10/26	08/11/26	
Oil Range Organics (C28-C36)	ND	50.0	1	08/10/26	08/11/26	
<i>Surrogate: n-Nonane</i>						
	107 %	69-135		08/10/26	08/11/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2633064
Chloride	72.2	20.0	1	08/11/26	08/11/26	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Thistle Pipeline Leak	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Urzedo	8/14/2026 8:36:03AM

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 (2633012-BLK1)

Prepared: 08/10/26 Analyzed: 08/10/26

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	7.40		8.00		92.5	70-130			

LCS (2633012-BS1)

Prepared: 08/10/26 Analyzed: 08/10/26

Benzene	5.02	0.0250	5.00		100	70-130			
Ethylbenzene	5.03	0.0250	5.00		101	70-130			
Toluene	5.08	0.0250	5.00		102	70-130			
o-Xylene	5.03	0.0250	5.00		101	70-130			
p,m-Xylene	10.3	0.0500	10.0		103	70-130			
Total Xylenes	15.3	0.0250	15.0		102	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.43		8.00		92.9	70-130			

Matrix Spike (2633012-MS1)

Source: E608078-05

Prepared: 08/10/26 Analyzed: 08/10/26

Benzene	5.37	0.0250	5.00	ND	107	70-130			
Ethylbenzene	5.35	0.0250	5.00	ND	107	70-130			
Toluene	5.42	0.0250	5.00	ND	108	70-130			
o-Xylene	5.36	0.0250	5.00	ND	107	70-130			
p,m-Xylene	10.9	0.0500	10.0	ND	109	70-130			
Total Xylenes	16.3	0.0250	15.0	ND	109	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.46		8.00		93.2	70-130			

Matrix Spike Dup (2633012-MSD1)

Source: E608078-05

Prepared: 08/10/26 Analyzed: 08/10/26

Benzene	5.33	0.0250	5.00	ND	107	70-130	0.715	20	
Ethylbenzene	5.32	0.0250	5.00	ND	106	70-130	0.594	20	
Toluene	5.38	0.0250	5.00	ND	108	70-130	0.744	20	
o-Xylene	5.35	0.0250	5.00	ND	107	70-130	0.187	20	
p,m-Xylene	10.9	0.0500	10.0	ND	109	70-130	0.519	20	
Total Xylenes	16.2	0.0250	15.0	ND	108	70-130	0.409	20	
Surrogate: 4-Bromochlorobenzene-PID	7.62		8.00		95.3	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Thistle Pipeline Leak	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Urzedo	8/14/2026 8:36:03AM

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 (2633012-BLK1)

Prepared: 08/10/26 Analyzed: 08/10/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.69		8.00		96.1	70-130			

LCS (2633012-BS2)

Prepared: 08/10/26 Analyzed: 08/10/26

Gasoline Range Organics (C6-C10)	48.2	20.0	50.0		96.4	62-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.62		8.00		95.3	70-130			

Matrix Spike (2633012-MS2)

Source: E608078-05

Prepared: 08/10/26 Analyzed: 08/10/26

Gasoline Range Organics (C6-C10)	45.4	20.0	50.0	ND	90.8	60-137			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.69		8.00		96.1	70-130			

Matrix Spike Dup (2633012-MSD2)

Source: E608078-05

Prepared: 08/10/26 Analyzed: 08/10/26

Gasoline Range Organics (C6-C10)	50.3	20.0	50.0	ND	101	60-137	10.2	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.59		8.00		94.8	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Thistle Pipeline Leak	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Urzedo	8/14/2026 8:36:03AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: CJB

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 (2633013-BLK1) Prepared: 08/10/26 Analyzed: 08/10/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.1		50.0		100	69-135			

LCS (2633013-BS1) Prepared: 08/10/26 Analyzed: 08/10/26

Diesel Range Organics (C10-C28)	228	25.0	250		91.2	70-131			
Surrogate: n-Nonane	52.1		50.0		104	69-135			

Matrix Spike (2633013-MS1) Source: E608068-05 Prepared: 08/10/26 Analyzed: 08/10/26

Diesel Range Organics (C10-C28)	228	25.0	250	ND	91.3	62-151			
Surrogate: n-Nonane	52.5		50.0		105	69-135			

Matrix Spike Dup (2633013-MSD1) Source: E608068-05 Prepared: 08/10/26 Analyzed: 08/10/26

Diesel Range Organics (C10-C28)	230	25.0	250	ND	92.1	62-151	0.805	20	
Surrogate: n-Nonane	53.9		50.0		108	69-135			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Thistle Pipeline Leak	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Urzedo	8/14/2026 8:36:03AM

Anions by EPA 300.0/9056A

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 (2633064-BLK1)					Prepared: 08/11/26 Analyzed: 08/11/26				
Chloride	ND	20.0							
LCS (2633064-BS1)					Prepared: 08/11/26 Analyzed: 08/11/26				
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2633064-MS1)					Source: E608076-02		Prepared: 08/11/26 Analyzed: 08/11/26		
Chloride	336	20.0	250	76.6	104	80-120			
Matrix Spike Dup (2633064-MSD1)					Source: E608076-02		Prepared: 08/11/26 Analyzed: 08/11/26		
Chloride	325	20.0	250	76.6	99.2	80-120	3.35	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:	Thistle Pipeline Leak	
333 W Sheridan Avenue	Project Number:	01058-0007	Reported:
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Urzedo	08/14/26 08:36

- 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: Thistle Pipeline Leak				Address: 5315 Buena Vista Dr				E608070		01058-2007							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: O3Aresults@ensolum.com																														
																		Analysis and Method				EPA Program								
																		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	
																											Compliance	Y	or	N
																											PWSID #			
																											Sample Temp			Remarks
Time Sampled				Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number																					
1046				8/6/2026	S	1	FS26 - 1'		1								X			4.0										
1047				8/6/2026	S	1	FS27 - 1'		2								X			4.4										
1048				8/6/2026	S	1	SW15 - 0 - 1'		3								X			4.2										
Additional Instructions: please send results to client email																														
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																														
Sampled by: Jarad McCauley																														
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 temperature above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: YY N														
Marissa Gonzales				08-07-26		0700		Marissa Gonzales				8-7-26		0700																
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time																
Marissa Gonzales				8-7-26		1400		Marissa Gonzales				8-7-26		1400																
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time																
Johnny Archuleta				8-7-26		1730		Johnny Archuleta				8-7-26		1730																
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time																
Johnny Archuleta				8-7-26		2215		No Soils				8-10-26		0600																
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: 8/10/2026 8:44:29AM

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:	08/10/26 06:00	Work Order ID:	E608076
Phone:	(505) 382-1211	Date Logged In:	08/07/26 16:18	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	08/14/26 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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Ashley Urzedo



5796 U.S. Hwy 64
Farmington, NM 87401

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



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Thistle Pipeline Leak

Work Order: E608089

Job Number: 01058-0007

Received: 8/11/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/17/26

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

Date Reported: 8/17/26

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



Project Name: Thistle Pipeline Leak
Workorder: E608089
Date Received: 8/11/2026 6:15:00AM

Ashley Urzedo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/11/2026 6:15:00AM, under the Project Name: Thistle Pipeline Leak.

The analytical test results summarized in this report with the Project Name: Thistle Pipeline 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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Sample Summary

Devon Energy - Carlsbad	Project Name:	Thistle Pipeline Leak	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Urzedo	08/17/26 08:58

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH04-12'	E608089-01A	Soil	08/07/26	08/11/26	Glass Jar, 2 oz.
BH04-14'	E608089-02A	Soil	08/07/26	08/11/26	Glass Jar, 2 oz.
BH04-16'	E608089-03A	Soil	08/07/26	08/11/26	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
8/17/2026 8:58:32AM

BH04-12'

E608089-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2633040	
Benzene	ND	0.0250	1	08/11/26	08/11/26	
Ethylbenzene	ND	0.0250	1	08/11/26	08/11/26	
Toluene	ND	0.0250	1	08/11/26	08/11/26	
o-Xylene	ND	0.0250	1	08/11/26	08/11/26	
p,m-Xylene	ND	0.0500	1	08/11/26	08/11/26	
Total Xylenes	ND	0.0250	1	08/11/26	08/11/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.1 %	70-130	08/11/26	08/11/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2633040	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/11/26	08/11/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.8 %	70-130	08/11/26	08/11/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: CJB		Batch: 2633068	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/26	08/12/26	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/26	08/12/26	
<i>Surrogate: n-Nonane</i>		115 %	69-135	08/12/26	08/12/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2633064	
Chloride	5410	100	5	08/11/26	08/11/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
8/17/2026 8:58:32AM

BH04-14'

E608089-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2633040
Benzene	ND	0.0250	1	08/11/26	08/11/26	
Ethylbenzene	ND	0.0250	1	08/11/26	08/11/26	
Toluene	ND	0.0250	1	08/11/26	08/11/26	
o-Xylene	ND	0.0250	1	08/11/26	08/11/26	
p,m-Xylene	ND	0.0500	1	08/11/26	08/11/26	
Total Xylenes	ND	0.0250	1	08/11/26	08/11/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.9 %	70-130		08/11/26	08/11/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2633040
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/11/26	08/11/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.4 %	70-130		08/11/26	08/11/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: CJB		Batch: 2633068
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/26	08/12/26	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/26	08/12/26	
<i>Surrogate: n-Nonane</i>						
	115 %	69-135		08/12/26	08/12/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2633064
Chloride	5740	100	5	08/11/26	08/12/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
8/17/2026 8:58:32AM

BH04-16'

E608089-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2633040
Benzene	ND	0.0250	1	08/11/26	08/11/26	
Ethylbenzene	ND	0.0250	1	08/11/26	08/11/26	
Toluene	ND	0.0250	1	08/11/26	08/11/26	
o-Xylene	ND	0.0250	1	08/11/26	08/11/26	
p,m-Xylene	ND	0.0500	1	08/11/26	08/11/26	
Total Xylenes	ND	0.0250	1	08/11/26	08/11/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.3 %	70-130		08/11/26	08/11/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2633040
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/11/26	08/11/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.9 %	70-130		08/11/26	08/11/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: CJB		Batch: 2633068
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/26	08/12/26	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/26	08/12/26	
<i>Surrogate: n-Nonane</i>						
	116 %	69-135		08/12/26	08/12/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2633064
Chloride	140	20.0	1	08/11/26	08/12/26	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Thistle Pipeline Leak	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Urzedo	8/17/2026 8:58:32AM

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 (2633040-BLK1)

Prepared: 08/11/26 Analyzed: 08/11/26

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	7.85		8.00		98.2	70-130			

LCS (2633040-BS1)

Prepared: 08/11/26 Analyzed: 08/11/26

Benzene	5.49	0.0250	5.00		110	70-130			
Ethylbenzene	5.11	0.0250	5.00		102	70-130			
Toluene	5.33	0.0250	5.00		107	70-130			
o-Xylene	5.17	0.0250	5.00		103	70-130			
p,m-Xylene	10.4	0.0500	10.0		104	70-130			
Total Xylenes	15.6	0.0250	15.0		104	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.85		8.00		98.1	70-130			

Matrix Spike (2633040-MS1)

Source: E608085-41

Prepared: 08/11/26 Analyzed: 08/11/26

Benzene	5.23	0.0250	5.00	ND	105	70-130			
Ethylbenzene	4.84	0.0250	5.00	ND	96.7	70-130			
Toluene	5.07	0.0250	5.00	ND	101	70-130			
o-Xylene	4.91	0.0250	5.00	ND	98.1	70-130			
p,m-Xylene	9.84	0.0500	10.0	ND	98.4	70-130			
Total Xylenes	14.7	0.0250	15.0	ND	98.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.82		8.00		97.7	70-130			

Matrix Spike Dup (2633040-MSD1)

Source: E608085-41

Prepared: 08/11/26 Analyzed: 08/11/26

Benzene	4.69	0.0250	5.00	ND	93.8	70-130	10.9	20	
Ethylbenzene	4.37	0.0250	5.00	ND	87.5	70-130	10.0	20	
Toluene	4.55	0.0250	5.00	ND	91.0	70-130	10.8	20	
o-Xylene	4.45	0.0250	5.00	ND	89.1	70-130	9.67	20	
p,m-Xylene	8.93	0.0500	10.0	ND	89.3	70-130	9.61	20	
Total Xylenes	13.4	0.0250	15.0	ND	89.2	70-130	9.63	20	
Surrogate: 4-Bromochlorobenzene-PID	7.80		8.00		97.4	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Thistle Pipeline Leak	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Urzedo	8/17/2026 8:58:32AM

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 (2633040-BLK1) Prepared: 08/11/26 Analyzed: 08/11/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.68		8.00		96.0	70-130			

LCS (2633040-BS2) Prepared: 08/11/26 Analyzed: 08/11/26

Gasoline Range Organics (C6-C10)	51.5	20.0	50.0		103	62-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.74		8.00		96.7	70-130			

Matrix Spike (2633040-MS2) Source: E608085-41 Prepared: 08/11/26 Analyzed: 08/11/26

Gasoline Range Organics (C6-C10)	53.6	20.0	50.0	ND	107	60-137			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.48		8.00		93.5	70-130			

Matrix Spike Dup (2633040-MSD2) Source: E608085-41 Prepared: 08/11/26 Analyzed: 08/13/26

Gasoline Range Organics (C6-C10)	50.5	20.0	50.0	ND	101	60-137	6.06	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.63		8.00		95.4	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Thistle Pipeline Leak	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Urzedo	8/17/2026 8:58:32AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: CJB

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 (2633068-BLK1) Prepared: 08/12/26 Analyzed: 08/12/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	55.1		50.0		110	69-135			

LCS (2633068-BS1) Prepared: 08/12/26 Analyzed: 08/12/26

Diesel Range Organics (C10-C28)	248	25.0	250		99.1	70-131			
Surrogate: n-Nonane	54.9		50.0		110	69-135			

Matrix Spike (2633068-MS1) Source: E608090-01 Prepared: 08/12/26 Analyzed: 08/12/26

Diesel Range Organics (C10-C28)	271	25.0	250	ND	108	62-151			
Surrogate: n-Nonane	59.0		50.0		118	69-135			

Matrix Spike Dup (2633068-MSD1) Source: E608090-01 Prepared: 08/12/26 Analyzed: 08/12/26

Diesel Range Organics (C10-C28)	270	25.0	250	ND	108	62-151	0.192	20	
Surrogate: n-Nonane	58.9		50.0		118	69-135			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Thistle Pipeline Leak	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Urzedo	8/17/2026 8:58:32AM

Anions by EPA 300.0/9056A

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 (2633064-BLK1)					Prepared: 08/11/26 Analyzed: 08/11/26				
Chloride	ND	20.0							
LCS (2633064-BS1)					Prepared: 08/11/26 Analyzed: 08/11/26				
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2633064-MS1)					Source: E608076-02		Prepared: 08/11/26 Analyzed: 08/11/26		
Chloride	336	20.0	250	76.6	104	80-120			
Matrix Spike Dup (2633064-MSD1)					Source: E608076-02		Prepared: 08/11/26 Analyzed: 08/11/26		
Chloride	325	20.0	250	76.6	99.2	80-120	3.35	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:	Thistle Pipeline Leak	
333 W Sheridan Avenue	Project Number:	01058-0007	Reported:
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Urzedo	08/17/26 08:58

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

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

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



Page 13 of 14

Envirotech Analytical Laboratory

Printed: 8/11/2026 8:35:20AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	08/11/26 06:15	Work Order ID:	E608089
Phone:	(505) 382-1211	Date Logged In:	08/10/26 14:47	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	08/17/26 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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Ashley Urzedo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Thistle Pipeline Leak

Work Order: E607169

Job Number: 01058-0007

Received: 7/20/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/24/26

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: 7/24/26

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



Project Name: Thistle Pipeline Leak
Workorder: E607169
Date Received: 7/20/2026 7:30:00AM

Ashley Urzedo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/20/2026 7:30:00AM, under the Project Name: Thistle Pipeline Leak.

The analytical test results summarized in this report with the Project Name: Thistle Pipeline 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: Thistle Pipeline Leak Project Number: 01058-0007 Project Manager: Ashley Urzedo	Reported: 07/24/26 08:49
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS01-4'	E607169-01A	Soil	07/16/26	07/20/26	Glass Jar, 2 oz.
FS02-4'	E607169-02A	Soil	07/16/26	07/20/26	Glass Jar, 2 oz.
FS03-4'	E607169-03A	Soil	07/16/26	07/20/26	Glass Jar, 2 oz.
FS04-4.5'	E607169-04A	Soil	07/16/26	07/20/26	Glass Jar, 2 oz.
FS05-4'	E607169-05A	Soil	07/16/26	07/20/26	Glass Jar, 2 oz.
FS06-4'	E607169-06A	Soil	07/16/26	07/20/26	Glass Jar, 2 oz.
FS12-4'	E607169-07A	Soil	07/16/26	07/20/26	Glass Jar, 2 oz.
FS13-4'	E607169-08A	Soil	07/16/26	07/20/26	Glass Jar, 2 oz.
FS14-4'	E607169-09A	Soil	07/16/26	07/20/26	Glass Jar, 2 oz.
FS15-4'	E607169-10A	Soil	07/16/26	07/20/26	Glass Jar, 2 oz.
SW09-0-4'	E607169-11A	Soil	07/16/26	07/20/26	Glass Jar, 2 oz.
SW10-0-4'	E607169-12A	Soil	07/16/26	07/20/26	Glass Jar, 2 oz.
SW12-0-4'	E607169-13A	Soil	07/16/26	07/20/26	Glass Jar, 2 oz.
SW13-0-4'	E607169-14A	Soil	07/16/26	07/20/26	Glass Jar, 2 oz.
SW14-0-4'	E607169-15A	Soil	07/16/26	07/20/26	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Thistle Pipeline Leak Project Number: 01058-0007 Project Manager: Ashley Urzedo	Reported: 7/24/2026 8:49:04AM
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FS01-4'

E607169-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2630001	
Benzene	ND	0.0250	1	07/20/26	07/20/26	
Ethylbenzene	ND	0.0250	1	07/20/26	07/20/26	
Toluene	ND	0.0250	1	07/20/26	07/20/26	
o-Xylene	ND	0.0250	1	07/20/26	07/20/26	
p,m-Xylene	ND	0.0500	1	07/20/26	07/20/26	
Total Xylenes	ND	0.0250	1	07/20/26	07/20/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		109 %	70-130	07/20/26	07/20/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2630001	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/20/26	07/20/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		117 %	70-130	07/20/26	07/20/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2630003	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/26	07/20/26	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/26	07/20/26	
<i>Surrogate: n-Nonane</i>		107 %	69-135	07/20/26	07/20/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BWD		Batch: 2630004	
Chloride	12500	200	10	07/20/26	07/20/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
7/24/2026 8:49:04AM

FS02-4'

E607169-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2630001
Benzene	ND	0.0250	1	07/20/26	07/20/26	
Ethylbenzene	ND	0.0250	1	07/20/26	07/20/26	
Toluene	ND	0.0250	1	07/20/26	07/20/26	
o-Xylene	ND	0.0250	1	07/20/26	07/20/26	
p,m-Xylene	ND	0.0500	1	07/20/26	07/20/26	
Total Xylenes	ND	0.0250	1	07/20/26	07/20/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		108 %	70-130	07/20/26	07/20/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2630001
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/20/26	07/20/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		116 %	70-130	07/20/26	07/20/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2630003
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/26	07/20/26	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/26	07/20/26	
<i>Surrogate: n-Nonane</i>						
		110 %	69-135	07/20/26	07/20/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BWD		Batch: 2630004
Chloride	6690	200	10	07/20/26	07/20/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
7/24/2026 8:49:04AM

FS03-4'

E607169-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2630001
Benzene	ND	0.0250	1	07/20/26	07/20/26	
Ethylbenzene	ND	0.0250	1	07/20/26	07/20/26	
Toluene	ND	0.0250	1	07/20/26	07/20/26	
o-Xylene	ND	0.0250	1	07/20/26	07/20/26	
p,m-Xylene	ND	0.0500	1	07/20/26	07/20/26	
Total Xylenes	ND	0.0250	1	07/20/26	07/20/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		109 %	70-130	07/20/26	07/20/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2630001
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/20/26	07/20/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		116 %	70-130	07/20/26	07/20/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2630003
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/26	07/20/26	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/26	07/20/26	
<i>Surrogate: n-Nonane</i>						
		109 %	69-135	07/20/26	07/20/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BWD		Batch: 2630004
Chloride	6910	200	10	07/20/26	07/20/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
7/24/2026 8:49:04AM

FS04-4.5'

E607169-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2630001	
Benzene	ND	0.0250	1	07/20/26	07/20/26	
Ethylbenzene	ND	0.0250	1	07/20/26	07/20/26	
Toluene	ND	0.0250	1	07/20/26	07/20/26	
o-Xylene	ND	0.0250	1	07/20/26	07/20/26	
p,m-Xylene	ND	0.0500	1	07/20/26	07/20/26	
Total Xylenes	ND	0.0250	1	07/20/26	07/20/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		109 %	70-130	07/20/26	07/20/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2630001	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/20/26	07/20/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		117 %	70-130	07/20/26	07/20/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2630003	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/26	07/20/26	
Oil Range Organics (C28-C36)	78.4	50.0	1	07/20/26	07/20/26	
<i>Surrogate: n-Nonane</i>						
		110 %	69-135	07/20/26	07/20/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BWD		Batch: 2630004	
Chloride	7050	200	10	07/20/26	07/20/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
7/24/2026 8:49:04AM

FS05-4'

E607169-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2630001	
Benzene	ND	0.0250	1	07/20/26	07/20/26	
Ethylbenzene	ND	0.0250	1	07/20/26	07/20/26	
Toluene	ND	0.0250	1	07/20/26	07/20/26	
o-Xylene	ND	0.0250	1	07/20/26	07/20/26	
p,m-Xylene	ND	0.0500	1	07/20/26	07/20/26	
Total Xylenes	ND	0.0250	1	07/20/26	07/20/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		110 %	70-130	07/20/26	07/20/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2630001	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/20/26	07/20/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		117 %	70-130	07/20/26	07/20/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2630003	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/26	07/20/26	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/26	07/20/26	
<i>Surrogate: n-Nonane</i>						
		111 %	69-135	07/20/26	07/20/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BWD		Batch: 2630004	
Chloride	8430	100	5	07/20/26	07/20/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
7/24/2026 8:49:04AM

FS06-4'

E607169-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2630001	
Benzene	ND	0.0250	1	07/20/26	07/20/26	
Ethylbenzene	ND	0.0250	1	07/20/26	07/20/26	
Toluene	ND	0.0250	1	07/20/26	07/20/26	
o-Xylene	ND	0.0250	1	07/20/26	07/20/26	
p,m-Xylene	ND	0.0500	1	07/20/26	07/20/26	
Total Xylenes	ND	0.0250	1	07/20/26	07/20/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		110 %	70-130	07/20/26	07/20/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2630001	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/20/26	07/20/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		116 %	70-130	07/20/26	07/20/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2630003	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/26	07/20/26	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/26	07/20/26	
<i>Surrogate: n-Nonane</i>						
		107 %	69-135	07/20/26	07/20/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BWD		Batch: 2630004	
Chloride	8350	200	10	07/20/26	07/20/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
7/24/2026 8:49:04AM

FS12-4'

E607169-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2630001
Benzene	ND	0.0250	1	07/20/26	07/20/26	
Ethylbenzene	ND	0.0250	1	07/20/26	07/20/26	
Toluene	ND	0.0250	1	07/20/26	07/20/26	
o-Xylene	ND	0.0250	1	07/20/26	07/20/26	
p,m-Xylene	ND	0.0500	1	07/20/26	07/20/26	
Total Xylenes	ND	0.0250	1	07/20/26	07/20/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		109 %	70-130	07/20/26	07/20/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2630001
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/20/26	07/20/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		116 %	70-130	07/20/26	07/20/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2630003
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/26	07/20/26	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/26	07/20/26	
<i>Surrogate: n-Nonane</i>						
		108 %	69-135	07/20/26	07/20/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BWD		Batch: 2630004
Chloride	6120	40.0	2	07/20/26	07/20/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
7/24/2026 8:49:04AM

FS13-4'

E607169-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2630001	
Benzene	ND	0.0250	1	07/20/26	07/20/26	
Ethylbenzene	ND	0.0250	1	07/20/26	07/20/26	
Toluene	ND	0.0250	1	07/20/26	07/20/26	
o-Xylene	ND	0.0250	1	07/20/26	07/20/26	
p,m-Xylene	ND	0.0500	1	07/20/26	07/20/26	
Total Xylenes	ND	0.0250	1	07/20/26	07/20/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		108 %	70-130	07/20/26	07/20/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2630001	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/20/26	07/20/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		116 %	70-130	07/20/26	07/20/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2630003	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/26	07/20/26	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/26	07/20/26	
<i>Surrogate: n-Nonane</i>						
		109 %	69-135	07/20/26	07/20/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BWD		Batch: 2630004	
Chloride	5550	100	5	07/20/26	07/20/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
7/24/2026 8:49:04AM

FS14-4'

E607169-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2630001	
Benzene	ND	0.0250	1	07/20/26	07/20/26	
Ethylbenzene	ND	0.0250	1	07/20/26	07/20/26	
Toluene	ND	0.0250	1	07/20/26	07/20/26	
o-Xylene	ND	0.0250	1	07/20/26	07/20/26	
p,m-Xylene	ND	0.0500	1	07/20/26	07/20/26	
Total Xylenes	ND	0.0250	1	07/20/26	07/20/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		105 %	70-130	07/20/26	07/20/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2630001	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/20/26	07/20/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		116 %	70-130	07/20/26	07/20/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2630003	
Diesel Range Organics (C10-C28)	28.7	25.0	1	07/20/26	07/20/26	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/26	07/20/26	
<i>Surrogate: n-Nonane</i>		112 %	69-135	07/20/26	07/20/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BWD		Batch: 2630004	
Chloride	6570	200	10	07/20/26	07/20/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
7/24/2026 8:49:04AM

FS15-4'

E607169-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2630001
Benzene	ND	0.0250	1	07/20/26	07/21/26	
Ethylbenzene	ND	0.0250	1	07/20/26	07/21/26	
Toluene	ND	0.0250	1	07/20/26	07/21/26	
o-Xylene	ND	0.0250	1	07/20/26	07/21/26	
p,m-Xylene	ND	0.0500	1	07/20/26	07/21/26	
Total Xylenes	ND	0.0250	1	07/20/26	07/21/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	07/20/26	07/21/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2630001
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/20/26	07/21/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		115 %	70-130	07/20/26	07/21/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2630003
Diesel Range Organics (C10-C28)	98.7	25.0	1	07/20/26	07/21/26	
Oil Range Organics (C28-C36)	58.1	50.0	1	07/20/26	07/21/26	
<i>Surrogate: n-Nonane</i>						
		112 %	69-135	07/20/26	07/21/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BWD		Batch: 2630004
Chloride	7490	200	10	07/20/26	07/20/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
7/24/2026 8:49:04AM

SW09-0-4'

E607169-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2630001	
Benzene	ND	0.0250	1	07/20/26	07/21/26	
Ethylbenzene	ND	0.0250	1	07/20/26	07/21/26	
Toluene	ND	0.0250	1	07/20/26	07/21/26	
o-Xylene	ND	0.0250	1	07/20/26	07/21/26	
p,m-Xylene	ND	0.0500	1	07/20/26	07/21/26	
Total Xylenes	ND	0.0250	1	07/20/26	07/21/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	07/20/26	07/21/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2630001	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/20/26	07/21/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		115 %	70-130	07/20/26	07/21/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2630003	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/26	07/21/26	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/26	07/21/26	
<i>Surrogate: n-Nonane</i>						
		110 %	69-135	07/20/26	07/21/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BWD		Batch: 2630004	
Chloride	163	20.0	1	07/20/26	07/20/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
7/24/2026 8:49:04AM

SW10-0-4'

E607169-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2630001
Benzene	ND	0.0250	1	07/20/26	07/21/26	
Ethylbenzene	ND	0.0250	1	07/20/26	07/21/26	
Toluene	ND	0.0250	1	07/20/26	07/21/26	
o-Xylene	ND	0.0250	1	07/20/26	07/21/26	
p,m-Xylene	ND	0.0500	1	07/20/26	07/21/26	
Total Xylenes	ND	0.0250	1	07/20/26	07/21/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	07/20/26	07/21/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2630001
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/20/26	07/21/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		115 %	70-130	07/20/26	07/21/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2630003
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/26	07/21/26	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/26	07/21/26	
<i>Surrogate: n-Nonane</i>						
		105 %	69-135	07/20/26	07/21/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BWD		Batch: 2630004
Chloride	254	20.0	1	07/20/26	07/20/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
7/24/2026 8:49:04AM

SW12-0-4'

E607169-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2630001
Benzene	ND	0.0250	1	07/20/26	07/21/26	
Ethylbenzene	ND	0.0250	1	07/20/26	07/21/26	
Toluene	ND	0.0250	1	07/20/26	07/21/26	
o-Xylene	ND	0.0250	1	07/20/26	07/21/26	
p,m-Xylene	ND	0.0500	1	07/20/26	07/21/26	
Total Xylenes	ND	0.0250	1	07/20/26	07/21/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	07/20/26	07/21/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2630001
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/20/26	07/21/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		116 %	70-130	07/20/26	07/21/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2630003
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/26	07/21/26	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/26	07/21/26	
<i>Surrogate: n-Nonane</i>						
		106 %	69-135	07/20/26	07/21/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BWD		Batch: 2630004
Chloride	135	20.0	1	07/20/26	07/20/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
7/24/2026 8:49:04AM

SW13-0-4'

E607169-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2630001	
Benzene	ND	0.0250	1	07/20/26	07/21/26	
Ethylbenzene	ND	0.0250	1	07/20/26	07/21/26	
Toluene	ND	0.0250	1	07/20/26	07/21/26	
o-Xylene	ND	0.0250	1	07/20/26	07/21/26	
p,m-Xylene	ND	0.0500	1	07/20/26	07/21/26	
Total Xylenes	ND	0.0250	1	07/20/26	07/21/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	07/20/26	07/21/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2630001	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/20/26	07/21/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		116 %	70-130	07/20/26	07/21/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2630003	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/26	07/21/26	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/26	07/21/26	
<i>Surrogate: n-Nonane</i>		109 %	69-135	07/20/26	07/21/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BWD		Batch: 2630004	
Chloride	ND	20.0	1	07/20/26	07/20/26	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Thistle Pipeline Leak
Project Number: 01058-0007
Project Manager: Ashley Urzedo

Reported:
7/24/2026 8:49:04AM

SW14-0-4'

E607169-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2630001
Benzene	ND	0.0250	1	07/20/26	07/21/26	
Ethylbenzene	ND	0.0250	1	07/20/26	07/21/26	
Toluene	ND	0.0250	1	07/20/26	07/21/26	
o-Xylene	ND	0.0250	1	07/20/26	07/21/26	
p,m-Xylene	ND	0.0500	1	07/20/26	07/21/26	
Total Xylenes	ND	0.0250	1	07/20/26	07/21/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	07/20/26	07/21/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2630001
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/20/26	07/21/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		115 %	70-130	07/20/26	07/21/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2630003
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/26	07/21/26	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/26	07/21/26	
<i>Surrogate: n-Nonane</i>						
		109 %	69-135	07/20/26	07/21/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BWD		Batch: 2630004
Chloride	58.4	20.0	1	07/20/26	07/20/26	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Thistle Pipeline Leak	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Urzedo	7/24/2026 8:49:04AM

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 (2630001-BLK1)

Prepared: 07/20/26 Analyzed: 07/20/26

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	8.10		8.00		101	70-130			

LCS (2630001-BS1)

Prepared: 07/20/26 Analyzed: 07/20/26

Benzene	4.97	0.0250	5.00		99.5	70-130			
Ethylbenzene	4.99	0.0250	5.00		99.9	70-130			
Toluene	5.04	0.0250	5.00		101	70-130			
o-Xylene	5.00	0.0250	5.00		100	70-130			
p,m-Xylene	9.78	0.0500	10.0		97.8	70-130			
Total Xylenes	14.8	0.0250	15.0		98.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.17		8.00		102	70-130			

Matrix Spike (2630001-MS1)

Source: E607169-09

Prepared: 07/20/26 Analyzed: 07/20/26

Benzene	5.21	0.0250	5.00	ND	104	70-130			
Ethylbenzene	5.21	0.0250	5.00	ND	104	70-130			
Toluene	5.28	0.0250	5.00	ND	106	70-130			
o-Xylene	5.23	0.0250	5.00	ND	105	70-130			
p,m-Xylene	10.2	0.0500	10.0	ND	102	70-130			
Total Xylenes	15.4	0.0250	15.0	ND	103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.40		8.00		105	70-130			

Matrix Spike Dup (2630001-MSD1)

Source: E607169-09

Prepared: 07/20/26 Analyzed: 07/20/26

Benzene	5.76	0.0250	5.00	ND	115	70-130	10.1	20	
Ethylbenzene	5.77	0.0250	5.00	ND	115	70-130	10.2	20	
Toluene	5.83	0.0250	5.00	ND	117	70-130	9.89	20	
o-Xylene	5.78	0.0250	5.00	ND	116	70-130	9.97	20	
p,m-Xylene	11.3	0.0500	10.0	ND	113	70-130	10.1	20	
Total Xylenes	17.0	0.0250	15.0	ND	114	70-130	10.0	20	
Surrogate: 4-Bromochlorobenzene-PID	8.50		8.00		106	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Thistle Pipeline Leak	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Urzedo	7/24/2026 8:49:04AM

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 (2630001-BLK1) Prepared: 07/20/26 Analyzed: 07/20/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.21		8.00		115	70-130			

LCS (2630001-BS2) Prepared: 07/20/26 Analyzed: 07/20/26

Gasoline Range Organics (C6-C10)	48.4	20.0	50.0		96.7	62-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.34		8.00		117	70-130			

Matrix Spike (2630001-MS2) Source: E607169-09 Prepared: 07/20/26 Analyzed: 07/20/26

Gasoline Range Organics (C6-C10)	55.5	20.0	50.0	ND	111	60-137			
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.28		8.00		116	70-130			

Matrix Spike Dup (2630001-MSD2) Source: E607169-09 Prepared: 07/20/26 Analyzed: 07/20/26

Gasoline Range Organics (C6-C10)	57.9	20.0	50.0	ND	116	60-137	4.31	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.28		8.00		116	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Thistle Pipeline Leak	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Urzedo	7/24/2026 8:49:04AM

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 (2630003-BLK1) Prepared: 07/20/26 Analyzed: 07/20/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.6		50.0		103	69-135			

LCS (2630003-BS1) Prepared: 07/20/26 Analyzed: 07/20/26

Diesel Range Organics (C10-C28)	220	25.0	250		88.0	70-131			
Surrogate: n-Nonane	53.1		50.0		106	69-135			

Matrix Spike (2630003-MS1) Source: E607169-05 Prepared: 07/20/26 Analyzed: 07/20/26

Diesel Range Organics (C10-C28)	234	25.0	250	ND	93.8	62-151			
Surrogate: n-Nonane	55.6		50.0		111	69-135			

Matrix Spike Dup (2630003-MSD1) Source: E607169-05 Prepared: 07/20/26 Analyzed: 07/20/26

Diesel Range Organics (C10-C28)	240	25.0	250	ND	96.0	62-151	2.42	20	
Surrogate: n-Nonane	56.6		50.0		113	69-135			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Thistle Pipeline Leak	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Urzedo	7/24/2026 8:49:04AM

Anions by EPA 300.0/9056A

Analyst: BWD

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

Blank (2630004-BLK1)					Prepared: 07/20/26 Analyzed: 07/20/26				
Chloride	ND	20.0							
LCS (2630004-BS1)					Prepared: 07/20/26 Analyzed: 07/20/26				
Chloride	270	20.0	250		108	90-110			
Matrix Spike (2630004-MS1)					Source: E607169-08		Prepared: 07/20/26 Analyzed: 07/20/26		
Chloride	6220	100	250	5550	268	80-120			M4
Matrix Spike Dup (2630004-MSD1)					Source: E607169-08		Prepared: 07/20/26 Analyzed: 07/20/26		
Chloride	6180	100	250	5550	252	80-120	0.623	20	M4

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



Definitions and Notes

Devon Energy - Carlsbad	Project Name:	Thistle Pipeline Leak	
333 W Sheridan Avenue	Project Number:	01058-0007	Reported:
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Urzedo	07/24/26 08:49

- 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 Energy				Company: Devon Energy				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX		
Project: <u>Whistle Pipeline Leak</u>				Address: 5315 Buena Vista Dr				<u>E1007169</u>		<u>01058-0007</u>					<u>X</u>	<u>X</u>					
Project Manager: Ashley Urzedo				City, State, Zip: Carlsbad NM, 88220																	
Address: 3122 National Parks Hwy				Phone: (575)689-7597																	
City, State, Zip: Carlsbad NM, 88220				Email: jim.raley@envirotech.com																	
Phone: 575-988-0055				Miscellaneous: Jim Raley																	
Email: aurzedo@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			
																	Compliance	Y	or	N	
																	PWSID #				
																	Sample Temp			Remarks	
1221	7/14/26	soil	1	FS01-4'		1								<u>X</u>						1.6	
1223				02		2								<u>X</u>						3.3	
1224				03		3								<u>X</u>						1.0	
1445				04-4.5'		4								<u>X</u>						1.6	
1227				05-4'		5								<u>X</u>						1.2	
1228				64		6								<u>X</u>						0.8	
1059				12		7								<u>X</u>						1.9	
1230				13		8								<u>X</u>						2.3	
1231				14		9								<u>X</u>						1.2	
1233				15		10								<u>X</u>						1.5	
Additional Instructions: Preserved on ice. Please CC: cburton@ensolum.com, aurzedo@ensolum.com, jim.raley@envirotech.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jhinkle@ensolum.com, akone@ensolum.com, jmccauley@ensolum.com, eplugge@ensolum.com, llinehan@ensolum.com, kelsie.smith@ensolum.com, llewis@ensolum.com, ahagar@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>Israel Estrella</u>																					
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: <u>Y</u> N									
<u>Michelle Gonzales</u>		7-17-26		7:11		<u>Michelle Gonzales</u>		7-17-26		0711											
<u>Michelle Gonzales</u>		7-17-26		1430		<u>Marissa Gonzales</u>		7-17-26		1430											
<u>Marissa Gonzales</u>		7-17-26		1845		<u>Johnny Archuleta</u>		7-17-26		1845											
<u>Johnny Archuleta</u>		7-17-26		2230		<u>Cauthman</u>		7-20-26		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: 7/20/2026 8:39:57AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	07/20/26 07:30	Work Order ID:	E607169
Phone:	(505) 382-1211	Date Logged In:	07/17/26 15:09	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	07/24/26 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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.



APPENDIX F

NMOCD Correspondence

From: [Velez, Nelson, EMNRD](#)
To: [Cole Burton](#)
Cc: [Raley, Jim](#); [Ashley Urzedo](#); [Bratcher, Michael, EMNRD](#); [Wells, Shelly, EMNRD](#)
Subject: Re: [EXTERNAL] Extension Request - Thistle Pipeline Leak - nAPP2606244936
Date: Wednesday, May 27, 2026 2:43:15 PM
Attachments: [Outlook-er0a2xug.png](#)
[Outlook-1afkifjs.png](#)
[Outlook-t1wdqmrz.png](#)
[Outlook-sqtbvep3](#)
[Outlook-pbhfixxv.png](#)

[**EXTERNAL EMAIL**]

Good afternoon Cole,

Thank you for the request. Your 90-day time extension is approved. Remediation Due date has been updated to August 31, 2026.

Please keep a copy of this communication for inclusion within the appropriate report submittal.

The OCD requires a copy of all correspondence related to remedial activities to be included in all proposals and/or final closure reports. Correspondence required to be included in reports may include, but not limited to, notifications for liner inspections, sample events, request for time extensions, an alternative sampling plan, approved scheduled reporting, and/or variances.

Regards,

Nelson Velez • Senior Environmental Scientist
Environmental Bureau | EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87410
(505) 469-6146 | nelson.velez@emnrd.nm.gov
<http://www.emnrd.nm.gov/oecd>



From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Wednesday, May 27, 2026 11:12 AM
To: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Subject: FW: [EXTERNAL] Extension Request - Thistle Pipeline Leak - nAPP2606244936

From: Cole Burton <cburton@ensolum.com>
Sent: Wednesday, May 27, 2026 11:09 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Ashley Urzedo <agiovengo@ensolum.com>; Raley, Jim <Jim.Raley@dvn.com>
Subject: [EXTERNAL] Extension Request - Thistle Pipeline Leak - nAPP2606244936

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 of the current deadline of June 1, 2026, for submitting a remediation work plan or closure report required in 19.15.29.12.B.(1) NMAC at the Thistle Pipeline Leak (Site) (Incident Number nAPP2606244936). The release occurred on March 2, 2026, and 109 barrels (bbls) produced water were released; 80 bbls of produced water were recovered. The release impacted an area approximately 5,057 square feet in size New Mexico State Trust Land (STL) managed by the New Mexico State Land Office (NMSLO). Lateral and vertical delineation soil sampling in accordance with the strictest Closure Criteria per NMOCD Table I was completed on April 24, 2026, (see Table 1 and Figure 2). A depth to water determination well (C-5069) was drilled by H&R Enterprises, LLC (H&R) on April 27, 2026, to assess the depth of groundwater near the Site. The borehole was advanced to a depth of 118 feet bgs and was left open for at least 72 hours to allow for potential slow infill of groundwater. On May 8, 2026, the soil boring was measured by H&R personnel and was determined to be dry, confirming depth to groundwater beneath the Site to be greater than 118 feet bgs. Excavation of the subject matter release will begin as soon as Devon selects a subcontractor to complete remediation activities. Devon intends to submit a work plan or closure report upon receiving final laboratory analytical data from confirmation sampling activities. Devon respectfully requests a 90-day extension until August 24, 2026. 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

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Phone: (505) 629-6116

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

QUESTIONS

Action 618172

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 618172
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2606244936
Incident Name	NAPP2606244936 THISTLE PIPELINE LEAK @ M-15-23S-33E 244S 90E
Incident Type	Produced Water Release
Incident Status	Reclamation Report Received

Location of Release Source

Please answer all the questions in this group.

Site Name	THISTLE PIPELINE LEAK
Date Release Discovered	03/02/2026
Surface Owner	State

Incident Details

Please answer all the questions in this group.

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

Nature and Volume of Release

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

Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Valve Produced Water Released: 109 BBL Recovered: 80 BBL Lost: 29 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)	Valve developed pinhole leak allowing fluids to be released to pipeline ROW.

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QUESTIONS, Page 2

Action 618172

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 618172
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvsn.com Date: 08/27/2026
--	---

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QUESTIONS, Page 3

Action 618172

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 618172
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 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 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	11900
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	562
GRO+DRO (EPA SW-846 Method 8015M)	365
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	07/07/2026
On what date will (or did) the final sampling or liner inspection occur	08/06/2026
On what date will (or was) the remediation complete(d)	08/06/2026
What is the estimated surface area (in square feet) that will be reclaimed	5323
What is the estimated volume (in cubic yards) that will be reclaimed	1460
What is the estimated surface area (in square feet) that will be remediated	5323
What is the estimated volume (in cubic yards) that will be remediated	1460
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 4

Action 618172

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 618172
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	fEEM0112342028 LEA LAND LANDFILL
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dmv.com Date: 08/27/2026
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 618172

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 618172
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

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

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QUESTIONS, Page 6

Action 618172

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 618172
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	609544
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/06/2026
What was the (estimated) number of samples that were to be gathered	3
What was the sampling surface area in square feet	400

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	5323
What was the total volume (cubic yards) remediated	1460
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	5323
What was the total volume (in cubic yards) reclaimed	1460
Summarize any additional remediation activities not included by answers (above)	Remediation Complete
<i>The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 08/27/2026

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QUESTIONS, Page 7

Action 618172

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 618172
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Reclamation Report	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	5323
What was the total volume of replacement material (in cubic yards) for this site	1460
<i>Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.</i>	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseeded commence(d)	09/20/2026
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.ralej@dmn.com Date: 08/27/2026

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QUESTIONS, Page 8

Action 618172

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 618172
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Revegetation Report	
Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.	
Requesting a restoration complete approval with this submission	No
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.	

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CONDITIONS

Action 618172

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 618172
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
nvez	Remediation closure and reclamation report approved, release resolved. Pending re-vegetation report.	8/27/2026