

May 30, 2025

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

Re: Closure Request

TGR Pipeline Spill

Incident Number: nAPP2434748534

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 produced water release at the TGR Pipeline Spill within a pipeline right-of-way (ROW; Site). Based on the excavation activities and analytical results from the soil sampling events, Devon is submitting this *Closure Request*, describing remediation that has occurred and requesting closure for Incident Numbers nAPP2434748534.

BACKGROUND

The Site is located in Unit D, Section 15, Township 23 South, Range 33 East, in Lea County, New Mexico (32.30948°, -103.56722°) and is associated with oil and gas exploration and production operations on New Mexico State Trust Land (STL) managed by the New Mexico State Land Office (NMSLO).

On December 11, 2024, a produced water gathering line had a failure, which resulted in the release of approximately 55 barrels (bbls) of produced water onto an off-pad pasture area. Devon reported the release to the New Mexico Oil Conservation Division (NMOCD) via the NMOCD Portal on December 18, 2024, and the release was assigned Incident Number nAPP2434748534.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

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

Depth to groundwater at the Site is estimated to be greater than 105 feet below ground surface (bgs) based on a soil boring completed by Atkins Engineering Associates Inc. Soil boring CP-04664 POD1 was completed on September 7, 2022. Soil boring C-04923 POD1 is located approximately 969 feet north of the Site. The soil boring was drilled to a total depth of 105 feet bgs and was dry. There are no regional or Site-specific hydrogeological conditions, such as shallow surface water, karst features, wetlands, or vegetation to suggest the Site is conducive to shallower groundwater. The location of the boring is presented on Figure 1, and the referenced well record is included in Appendix A.

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The closest continuously flowing or significant watercourse to the Site is an intermittent dry wash, located approximately 2,534 feet southeast of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (low potential karst designation area). Site receptors are identified on Figure 1.

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

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

• TPH: 2,500 mg/kg

Chloride: 20,000 mg/kg

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

SITE ASSESSMENT AND DELINEATION SOIL SAMPLING ACTIVITIES

Beginning on December 12, 2024, Ensolum personnel were onsite to delineate the extent of waste-containing soil as indicated by field screening and laboratory analytical results. Eight boreholes/potholes (BH01/PH01 through BH08/PH08) were advanced via hand auger within the release extent to assess the vertical extent of the release. Delineation soil samples were collected from each at depths ranging from ground surface to 20 feet bgs. Nine delineation soil samples (SS01 through SS09) were collected from areas surrounding the release extent to verify the lateral extent at ground surface. All delineation soil samples were field screened for chloride using Hach® chloride QuanTab® test strips. Field screening results and observations for the boreholes were logged on lithologic/soil sampling logs, which are included in Appendix B. Photographic documentation of delineation activities is included in Appendix C.

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

LABORATORY ANALYTICAL RESULTS

All lateral delineation soil samples were in compliance with the strictest Closure Criteria at ground surface. Laboratory analytical results for delineation soil samples collected from boreholes/potholes BH01/PH01 through BH08/PH08 contained TPH and/or chloride concentrations exceeding the reclamation requirement. The subsurface samples collected from the boreholes/potholes were in compliance with the Closure Criteria and reclamation requirement at 4 feet bgs.

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

EXCAVATION AND CONFIRMATION SOIL SAMPLING ACTIVITIES

Prior to beginning excavation activities at the Site, an archaeological survey was completed. The survey determined the release area was negative for cultural properties, and as such, the Cultural Properties Protection Rule (CPP) has been followed (see Appendix E).

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

Beginning on April 24, 2025, 5-point composite confirmation samples were collected by placing five equivalent aliquots of soil into a 1-gallon, resealable plastic bag and homogenizing the samples by thoroughly mixing. Composite soil samples SW01 through SW32 were collected from the sidewalls of the excavation in the top 4 feet of the subsurface, with depths ranging from ground surface to 4 feet bgs Composite soil samples FS01 through FS76 were collected from the floor of the excavation at a depth of 4 feet bgs. The soil samples were collected, handled, and analyzed following the same procedures as described above.

The final excavation extent measured approximately 14,836 square feet. A total of approximately 3,214 cubic yards of waste-containing soil was removed during the excavation activities. The waste-containing soil was transported and properly disposed of at the Northern Delaware Basin Landfill. The excavation extent and excavation soil sample locations are presented in Figure 3.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for excavation sidewall samples SW01 through SW32 and excavation floor samples FS01 through FS76 indicated all COC concentrations were compliant with the Site Closure Criteria and in compliance with the reclamation requirement. Laboratory analytical results are summarized in Tables 2 and 3 and laboratory analytical reports are included as Appendix D.

RECLAMATION PLAN

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

- The excavation will be backfilled with locally sourced caliche and topsoil to match surrounding grade. Approximately 1-foot of topsoil will be placed on top of the caliche to support vegetative growth within the disturbed area;
- Soil in the vicinity of the release includes: Berino-Cacique loamy fine sands association, Simona fine sandy loam, 0 to 3 percent slopes and Tonuco loamy fine sand, 0 to 3 percent slopes according to the United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) Web Soil Survey completed on March 10, 2025;

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- The backfilled areas will be seeded utilizing a weed-free seed mix designed by the NMSLO to meet reclamation standards for this region, which will be: NMSLO Sandy Loam (SL) Mixture;
- The seed mixture will be distributed with either a push broadcaster seed spreader, tractor operated broadcast seed spreader, drill seeding, or other means;
- Application of the seed mixture will be at a coverage of 10 pounds of seeds per acre of reclaimed
 pasture with distribution by a drilling method or 20 pounds of seeds per acre of reclaimed pasture
 with distribution by a broadcast method;
- Erosion control management is not anticipated, but if needed, will potentially include:
 - o The placement of waddles in areas with a propensity for high run off rates;
 - Straw cover if high winds are anticipated to support moisture retention and limit wind from blowing seeds away before they have had time to germinate; and/or
 - Other erosional control best management practices (BMP) as necessary to support timely and healthy regrowth of vegetation in disturbed areas;
- Seeding is anticipated to be completed in the Spring 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;
- 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;
- Upon completion of revegetation, a copy of the C-103 submitted to NMOCD will also be submitted to NMSLO for final inspection and release.

CLOSURE REQUEST

Site assessment and excavation activities were conducted at the Site to address the December 2024 release of produced water. Following remediation efforts, 76 composite confirmation floor soil samples (FS01 through FS76) and 32 composite confirmation sidewall samples (SW01 though SW32) were collected. Laboratory analytical results for the excavation soil samples, collected from the final excavation extent, indicated all COC concentrations were in compliance with Site Closure Criteria and with the reclamation requirement in the top 4 feet of soil. Based on the soil sample analytical results, no further remediation was required. Reclamation will be completed as described above.

Based on horizontal and vertical delineation sampling, depth to groundwater greater than 105 feet bgs, and confirmation soil sample laboratory analytical results in compliance with their respective Closure Criteria and reclamation requirement, Devon believes these remedial actions have been protective of human health, the environment, and groundwater. As such, Devon respectfully requests closure for Incident Numbers nAPP2434748534.

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



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

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

cc: Jim Raley, Devon

NMSLO

Appendices:

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

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

Appendix A Well Log and Record

Appendix B Lithologic Soil Sampling Logs

Appendix C Photographic Log

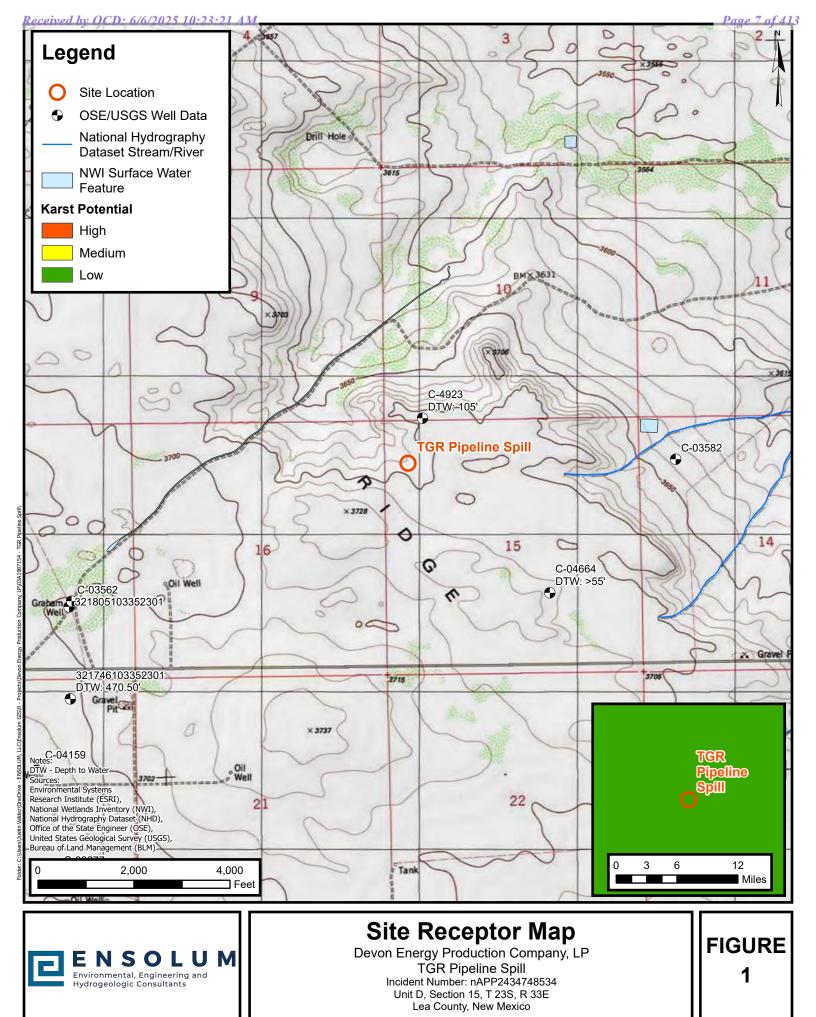
Appendix D Laboratory Analytical Reports & Chain-of-Custody Documentation

Appendix E NMSLO Cultural Resources Cover Sheet

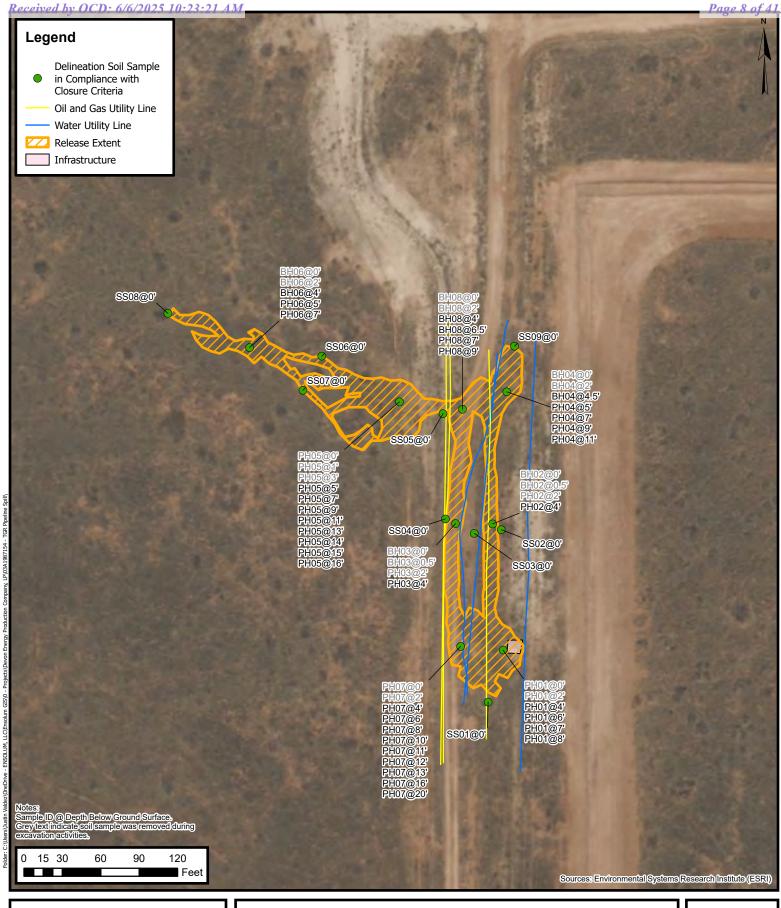
Appendix F NMOCD Correspondence



FIGURES



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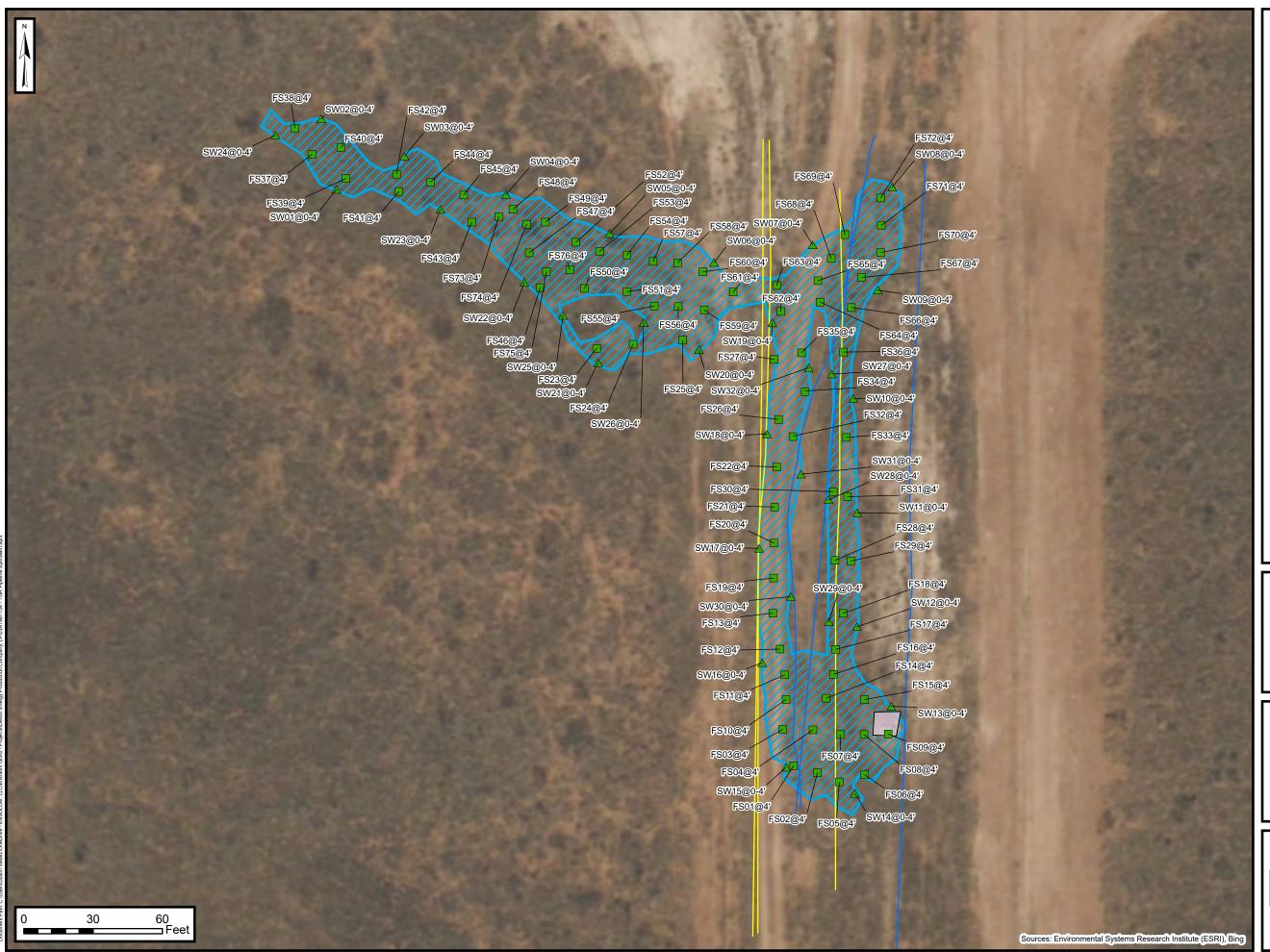




Delineation Soil Sample Locations

Devon Energy Production Company, LP TGR Pipeline Spill Incident Number: nAPP2434748534 Unit D, Section 15, T 23S, R 33E Lea County, New Mexico FIGURE 2

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Legend

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

Criteria

- Infrastructure
- Excavation Extent

Sample ID @ Depth Below Ground Surface.

Excavation Soil Sample Locations

Devon Energy Production Company, LP TGR Pipeline Spill Incident Number: nAPP2434748534 Unit D, Section 15, T 23S, R 33E Lea County, New Mexico

FIGURE





TABLES



TABLE 1 **SOIL SAMPLE ANALYTICAL RESULTS TGR Pipeline Spill**

					gy Production C County, New Me					
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	20,000
				Delin	eation Soil San	nples				
SS01	12/12/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS02	12/12/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS03	12/12/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS03	12/20/2024	0.5	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	22.6
SS04	12/12/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS05	12/12/2024	0	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS06	12/12/2024	0	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS07	12/12/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS08	12/12/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS09	12/12/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
PH01	1/29/2025	0	<0.0250	< 0.0500	<20.0	239	<50.0	239	239	6,950
PH01	1/29/2025	2	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,730
PH01	1/29/2025	4	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	14,900
PH01	1/29/2025	6	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,790
PH01	1/29/2025	7	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	185
PH01	1/29/2025	8	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	131
BH02	12/20/2024	0	< 0.0250	0.8367	<20.0	741	297	741	1,038	19,100
BH02	12/20/2024	0.5	< 0.0250	< 0.0500	<20.0	55	<50.0	55	55	11,000
PH02	1/29/2025	2	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,710
PH02	1/29/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	113
BH03	12/20/2024	0	< 0.0250	< 0.0500	<20.0	761	343	761	1,104	7,160
BH03	12/20/2024	0.5	< 0.0250	< 0.0500	<20.0	335	171	335	506	5,870
PH03	1/29/2025	2	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	7,580
PH03	1/29/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	258
BH04	12/20/2024	0	< 0.0250	< 0.0500	<20.0	86	<50.0	86	86	6,530
BH04	12/20/2024	2	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	5,530
BH04	12/20/2024	4.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	13,300
PH04	1/29/2025	5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	16,700
PH04	1/29/2025	7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	15,700
PH04	1/29/2025	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	6,730
PH04	1/29/2025	11	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	362



TABLE 1

SOIL SAMPLE ANALYTICAL RESULTS - Continued

TGR Pipeline Spill

Devon Energy Production Company, LP

Lea	County,	New	Mexico

				Lea	County, New Me	xico				
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	10,000
				Delin	eation Soil Sar	nples				
PH05	2/4/2025	0	< 0.0250	0.1080	<20.0	119	50	119	169	8,370
PH05	2/4/2025	1	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,250
PH05	2/4/2025	3	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,900
PH05	2/4/2025	5	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	10,500
PH05	2/4/2025	7	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	9,350
PH05	2/4/2025	9	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	9,350
PH05	2/4/2025	11	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	6,830
PH05	2/4/2025	13	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,550
PH05	5/16/2025	14	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	6,560
PH05	5/16/2025	15	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,290
PH05	5/16/2025	16	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	499
BH06	12/20/2024	0	< 0.0250	< 0.0500	<20.0	1,070	592	1,070	1,662	11,300
BH06	12/20/2024	2	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	5,520
BH06	12/20/2024	4	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	13,900
PH06	2/4/2025	5	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	8,330
PH06	2/4/2025	7	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	245
PH07	1/29/2025	0	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	712
PH07	1/29/2025	2	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,310
PH07	1/29/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,570
PH07	1/29/2025	6	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	13,100
PH07	1/29/2025	8	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	7,690
PH07	1/29/2025	10	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,110
PH07	5/16/2025	11	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,380
PH07	5/16/2025	12	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,030
PH07	5/16/2025	13	< 0.0250	<0.0500	<20.0	50.0	<50.0	50.0	50.0	1,870
PH07	5/19/2025	16	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,980
PH07	5/19/2025	20	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	420



TABLE 1

SOIL SAMPLE ANALYTICAL RESULTS - Continued

TGR Pipeline Spill

Devon Energy Production Company, LP

	Lea County, New Mexico												
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)			
NMOCD Table I	Closure Criteria ((NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	10,000			
	Delineation Soil Samples												
BH08	12/20/2024	0	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	5,920			
BH08	12/20/2024	2	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	6,350			
BH08	12/20/2024	4	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	9,340			
BH08	12/20/2024	6.5	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	744			
PH08	2/4/2025	7	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,670			
PH08	2/4/2025	9	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	50.8			

Notes:

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

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

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

GRO: Gasoline Range Organics
DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

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

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



TABLE 2 SOIL SAMPLE ANALYTICAL RESULTS TGR Pipeline Spill

Devon Energy Production Company, LP Lea County, New Mexico												
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)		
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	20,000		
				Excava	tion Floor Soil S	amples						
FS01	4/30/2025	4	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	684		
FS02	4/30/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	137		
FS03	4/30/2025	4	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,640		
FS04	4/30/2025	4	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,740		
FS05	4/30/2025	4	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,920		
FS06	4/29/2025	4	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	6,530		
FS07	4/30/2025	4	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	6,160		
FS08	4/29/2025	4	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,260		
FS09	4/29/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	8,330		
FS10	4/30/2025	4	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,910		
FS11	5/1/2025	4	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,430		
FS12	5/1/2025	4	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,380		
FS13	5/1/2025	4	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	13,100		
FS14	4/30/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	6,430		
FS15	4/29/2025	4	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	7,890		
FS16	4/30/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,840		
FS17	4/29/2025	4	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	5,550		
FS18	4/29/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	11,100		
FS19	5/1/2025	4	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	7,940		
FS20	5/1/2025	4	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	7,530		
FS21	5/1/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,960		
FS22	5/1/2025	4	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	6,800		
FS23	4/25/2025	4	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	9,480		
FS24	4/25/2025	4	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	12,500		
FS25	4/28/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,700		
FS26	5/1/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	12,200		
FS27	5/1/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	8,010		
FS28	4/29/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	5,210		
FS29	4/29/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	7,120		
FS30	5/1/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,820		
FS31	4/28/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	5,190		
FS32	5/1/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	11,200		
FS33	4/28/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	5,130		
1 000	7/20/2020	<u> </u>	<u> </u>	\U.UJUU	\ 20.0	\20.0	\JU.U	\20.0	\JU. U	J, 1JU		



TABLE 2

SOIL SAMPLE ANALYTICAL RESULTS - Continued

TGR Pipeline Spill

	Devon Energy Production Company, LP Lea County, New Mexico												
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)			
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	20,000			
				Excavat	ion Floor Soil S	Samples			<u>'</u>				
FS34	5/1/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	6,840			
FS35	5/1/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	12,500			
FS36	4/28/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	5,160			
FS37	4/24/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	8,010			
FS38	4/24/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	794			
FS39	4/24/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,030			
FS40	4/24/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,820			
FS41	4/24/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,110			
FS42	4/24/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,110			
FS43	4/25/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,190			
FS44	4/25/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	8,400			
FS45	4/25/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	8,460			
FS46	4/25/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,620			
FS47	4/25/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,740			
FS48	4/25/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,350			
FS49	4/25/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,930			
FS50	4/25/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,190			
FS51	4/28/2025	4	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,010			
FS52	4/25/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	9,470			
FS53	4/25/2025	4	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	8,660			
FS54	4/28/2025	4	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,840			
FS55	4/28/2025	4	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,980			
FS56	4/28/2025	4	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,620			
FS57	4/28/2025	4	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,540			
FS58	4/28/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,440			
FS59	4/28/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	5,500			
FS60	4/28/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	6,090			
FS61	4/28/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,400			
FS62	5/1/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,130			
FS63	5/1/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,440			
FS64	5/1/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,980			
FS65	4/28/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	7,820			



TABLE 2

SOIL SAMPLE ANALYTICAL RESULTS - Continued

TGR Pipeline Spill

Devon Energy Production Company, LP

Lea County, New Mexico

	Lea County, New Mexico												
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)			
NMOCD Table I	NMOCD Table I Closure Criteria (NMAC 19.15.29			50	NE	NE	NE	1,000	2,500	20,000			
	Excavation Floor Soil Samples												
FS66	4/29/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	9,720			
FS67	4/28/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	9,120			
FS68	5/1/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,050			
FS69	5/1/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,020			
FS70	4/28/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,800			
FS71	5/1/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,820			
FS72	4/28/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,850			
FS73	4/25/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,950			
FS74	4/25/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,220			
FS75	4/25/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,190			
FS76	4/25/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	866			

Notes:

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

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

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

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

GRO: Gasoline Range Organics
DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

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



TABLE 3 SOIL SAMPLE ANALYTICAL RESULTS **TGR Pipeline Spill Devon Energy Production Company, LP**

	Lea County, New Mexico												
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)			
NMOCD Table I	Closure Criteria ((NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	20,000			
				Sid	ewall Soil Samı	ples							
SW01	4/24/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	41.6			
SW02	4/24/2025	0-4	<0.0250	<0.0500	<20.0	45.8	<50.0	<25.0	<50.0	<20.0			
SW03	4/24/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	115			
SW04	4/25/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	62.3			
SW05	4/25/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	132			
SW06	4/25/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	131			
SW07	5/1/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	22.8			
SW08	4/28/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	172			
SW09	4/29/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	434			
SW10	4/29/2025	0-4	<0.0250	<0.0500	<20.0	<50.0	<50.0	<25.0	<50.0	26.0			
SW11	4/29/2025	0-4	<0.0250	<0.0500	<20.0	<50.0	<50.0	<25.0	<50.0	55.3			
SW12	5/1/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	46.3			
SW13	5/1/2025	0-4	<0.0250	<0.0500	<20.0	<50.0	<50.0	<25.0	<50.0	98.7			
SW14	4/30/2025	0-4	<0.0250	<0.0500	<20.0	<50.0	<50.0	<25.0	<50.0	262			
SW15	4/30/2025	0-4	<0.0250	<0.0500	<20.0	<50.0	<50.0	<25.0	<50.0	185			
SW16	4/30/2025	0-4	<0.0250	<0.0500	<20.0	<50.0	<50.0	<25.0	<50.0	<20.0			
SW17	5/1/2025	0-4	<0.0250	<0.0500	<20.0	<50.0	<50.0	<25.0	<50.0	<20.0			
SW18	5/1/2025	0-4	<0.0250	<0.0500	<20.0	<50.0	<50.0	<25.0	<50.0	27.8			
SW19	5/1/2025	0-4	<0.0250	<0.0500	<20.0	<50.0	<50.0	<25.0	<50.0	62.7			
SW20	4/29/2025	0-4	<0.0250	<0.0500	<20.0	<50.0	<50.0	<25.0	<50.0	265			
SW21	4/29/2025	0-4	<0.0250	<0.0500	<20.0	<50.0	<50.0	<25.0	<50.0	569			
SW22	4/25/2025	0-4	<0.0250	< 0.0500	<20.0	<50.0	<50.0	<25.0	<50.0	73.8			



TABLE 3

SOIL SAMPLE ANALYTICAL RESULTS - Continued

TGR Pipeline Spill

Devon Energy Production Company, LP

Lea County, New Mexico

	Eca Gounty, New Mexico												
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)			
NMOCD Table I	NMOCD Table I Closure Criteria (NMAC 19.15.29			50	NE	NE	NE	1,000	2,500	20,000			
				Sid	ewall Soil Samı	oles							
SW23	4/29/2025	0-4	<0.0250	<0.0500	<20.0	<50.0	<50.0	<25.0	<50.0	71.3			
SW24	4/24/2025	0-4	<0.0250	<0.0500	<20.0	<50.0	<50.0	<25.0	<50.0	31.2			
SW25	4/30/2025	0-4	<0.0250	<0.0500	<20.0	<50.0	<50.0	<25.0	<50.0	22.9			
SW26	4/30/2025	0-4	<0.0250	<0.0500	<20.0	<50.0	<50.0	<25.0	<50.0	195			
SW27	5/1/2025	0-4	<0.0250	<0.0500	<20.0	<50.0	<50.0	<25.0	<50.0	98.8			
SW28	5/1/2025	0-4	<0.0250	<0.0500	<20.0	<50.0	<50.0	<25.0	<50.0	<20.0			
SW29	5/1/2025	0-4	<0.0250	<0.0500	<20.0	<50.0	<50.0	<25.0	<50.0	<20.0			
SW30	5/1/2025	0-4	<0.0250	<0.0500	<20.0	<50.0	<50.0	<25.0	<50.0	328			
SW31	5/1/2025	0-4	<0.0250	<0.0500	<20.0	<50.0	<50.0	<25.0	<50.0	151			
SW32	5/1/2025	0-4	<0.0250	<0.0500	<20.0	<50.0	<50.0	<25.0	<50.0	59.4			

Notes:

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

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

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

GRO: Gasoline Range Organics
DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

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

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



TABLE 4 SOIL SAMPLE ANALYTICAL RESULTS TGR Pipeline Spill

Devon Energy Production Company, LP

	Lea County, New Mexico											
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)		
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000		
Backfill Soil Samples												
BF01	4/28/2025	NA	< 0.0250	<0.0500	<20.0	<50.0	<50.0	<25.0	<50.0	<20.0		
BF02	4/28/2025	NA	<0.0250	<0.0500	<20.0	<50.0	<50.0	<25.0	<50.0	<20.0		

Notes:

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

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

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

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

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

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

NA: Not Applicable

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



APPENDIX A

Well Log and Record



1. GENERAL AND WELL LOCATION	OSE POD NO. (W Pod 1	ELL NO.)	WELL TAG ID NO.			OSE FILE NO(S). C-4923					
	WELL OWNER NAME(S) Devon Energy							PHONE (OPTIONAL)				
	WELL OWNER M 5315 Buena V						1.0000 C		STATE NM 8822	ZIP O		
	WELL LOCATION (FROM GPS) LONGITUE DESCRIPTION RELATING WEL S15 T23s R33e		TITUDE	### REGREES MINUTES SECONDS			* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84 SS (SECTION, TOWNSHJIP, RANGE) WHERE AVAILABLE					
2. DRILLING & CASING INFORMATION	LICENSE NO. NAME WD-1862		NAME OF LICENSED	CENSED DRILLER James Hawley				NAME OF WELL DRILLING COMPANY H&R Enterprises, LLC				
	DRILLING STARTED 2-3-25		DRILLING ENDED 2-3-25	DEPTH OF COMPLETED WELL (FT) BORE HO			LE DEPTH (FT) 105'	DEPTH WATER FIRST ENCOUNTERED (FT) N/A				
	COMPLETED WELL IS: ARTESIAN *add Centralizer info belo			DRY HOLE SHALLOW (UNCONFINED)				CWATER LEVEL N/A DATE STATIC MEASURE 2-10-25				
	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 CASING WALL THICKNESS (inches)		020.		
	0'	105'	5'	No casing le	ft in hole							
3. ANNULAR MATERIAL	DEPTH (feet bgl) BORE HOLE			LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE- RANGE BY INTERVAL			AMOUNT METHOD					
	FROM TO		DIAM. (inches)	*(if using Centralizers for Artesian wells- indicate the spacing below N/A			(cubic feet)	PLA	PLACEMENT			

POD NO.

TRN NO.

WELL TAG ID NO.

PAGE 1 OF 2

FILE NO.

LOCATION

DEPTH ((feet bgl)	minominos	COLOR AND TYPE OF MATER	WATER	ESTIMATED YIELD FOR					
FROM	то	THICKNESS (feet)	INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES		BEARING? (YES / NO)	WATER- BEARING ZONES (gpm				
0'	10'	10'	Sand		Y ✓N					
10'	20'	10'	Caliche		Y √N					
20'	55'	35'	Sandy Calic	he	Y ✓N					
55'	80'	25'	Sandy Red C	lay	Y ✓N					
80' 105'		25'	Red Clay		Y √N					
					Y N					
					Y N					
					Y N					
					Y N					
					Y N					
					Y N					
					Y N					
-	1				Y N					
			-		Y N					
		-			Y N					
					Y N					
					YN					
					Y N					
-					Y N					
_										
					Y N					
					Y N					
METHOD PUN	USED TO E	TOTAL ESTIMATED WELL YIELD (gpm):	0.00							
WELL TE			ACH A COPY OF DATA COLLECTED DU ME, AND A TABLE SHOWING DISCHAR							
MISCELLA	MISCELLANEOUS INFORMATION: Depth to groundwater bore was gauged for water on 2-10-25. DTGW bore was dry. Temporary well casin was removed, bore hole was backfilled with drill cutting to 10' BGS. Hydrated bentonite hole plug was poured from 10' BGS to surface.									
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSE Nathan Smelcer									
CORRECT	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE ST AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING: James Hawley 2-10-25									
	SIGNA	DATE	-							
	DNAI HEE			WD 20 WEI	L RECORD & LOG (V	ersion 09/22/20				
	MINAL USE			WK-20 WEI	L RECURD & LUU (V)	CISION 07/22/202				
DR OSE INTE			POD NO.	TRN NO.						

WELL TAG ID NO.



APPENDIX B

Lithologic Soil Sampling Logs



APPENDIX C

Photographic Log



Devon Energy Production Company, LP TGR Pipeline Spill nAPP2434748534







Photograph 2 Date: 12/11/2024
Description: Initial Spill



Photograph 3
Description: Initial Spill
View: NA

Description: Initial Spill

View: NA



Description: Initial Spill

View: NA

Date: 12/11/2024



Devon Energy Production Company, LP TGR Pipeline Spill nAPP2434748534





Date: 12/12/2024

Photograph 5 Date: 12/12/2024

Description: Point of Release View: Northwest Photograph 6

Description: Spill Area

View: East





Photograph 7 Date: 12/12/2024 Photograph 8 Date: 12/12/2024

Description: Spill Area

View: Southeast

Description: Spill Area

View: Southeast



Devon Energy Production Company, LP
TGR Pipeline Spill
nAPP2434748534





Photograph 9

Description: Spill Area
View: South

Date: 12/12/2024

Date: 12/12/2024

Photograph 10

Description: Spill Area

View: South



Photograph 11

Description: Spill Area

View: East

Photograph 12

Description: SS01

View: Northeast

Date: 12/12/2024

Date: 12/12/2024



Devon Energy Production Company, LP TGR Pipeline Spill nAPP2434748534





Photograph 13
Description: SS03

View: Southwest

Date: 12/12/2024

Photograph 14 Description: SS04

View: Southeast

Date: 12/12/2024





Photograph 15 Description: SS05

View: East

Date: 12/12/2024

Photograph 16

Description: SS06 View: Southeast Date: 12/12/2024



Devon Energy Production Company, LP TGR Pipeline Spill nAPP2434748534





Date: 12/12/2024

Photograph 17 Date: 12/12/2024

Description: SS07
View: Southeast

Photograph 18
Description: SS08

View: South





Photograph 19 Date: 12/12/2024 Photograph 20 Date: 12/20/2024

Description: SS09 Description: Vertical Delineation

View: South View: Southwest



Devon Energy Production Company, LP TGR Pipeline Spill nAPP2434748534





Photograph 21
Description: PH04

View: South

Date: 1/29/2025

Photograph 22 Description: PH04

View: South

Date: 1/29/2025





Photograph 23 Description: PH04

View: South

Date: 1/29/2025

Photograph 24

Description: PH07 View: South Date: 1/29/2025



Devon Energy Production Company, LP TGR Pipeline Spill nAPP2434748534





Photograph 25

Description: PH07 View: South Date: 1/29/2025

Photograph 26

Description: PH07 View: South Date: 1/29/2025





Photograph 27

Description: PH07 View: South Date: 1/29/2025

Photograph 28

Description: Delineation View: Southeast

Date: 1/29/2025



Devon Energy Production Company, LP
TGR Pipeline Spill
nAPP2434748534





Photograph 29

Description: PH08
View: Southwest

Date: 2/4/2025

Photograph 30
Description: PH05

View: South





Photograph 31

Description: PH05 View: South Date: 2/4/2025

Photograph 32

Description: PH06
View: Northwest

Date: 2/4/2025

Date: 2/4/2025



Devon Energy Production Company, LP TGR Pipeline Spill nAPP2434748534





Photograph 33

Description: Excavation View: Southeast

Date: 4/24/2025

Photograph 34

Description: Excavation

View: East





Photograph 35

Description: Excavation

View: South

Date: 4/25/2025 Photograph 36

Description: Excavation

View: South

Date: 4/25/2025

Date: 4/24/2025



Devon Energy Production Company, LP
TGR Pipeline Spill
nAPP2434748534





Photograph 37

Description: Excavation View: Northwest

Date: 4/28/2025

Photograph 38

Description: Excavation View: Southwest

Date: 4/28/2025

Date: 4/29/2025



E SE S SW

30 120 150 180 210 240

3162°S (T) LAT: 32.309856 LON: -103.567164 ±13ft ▲ 3697ft

Excavation
Ensolum, ELC 29 Ap. 2025, 14510-10

Photograph 39

Description: Excavation View: South

Date: 4/29/2025

Photograph 40

Description: Excavation

View: South

Page 10 of 12



Devon Energy Production Company, LP
TGR Pipeline Spill
nAPP2434748534





Photograph 41

Description: Excavation View: Northwest

Date: 4/30/2025

Photograph 42
Description: Excavation

View: North

Date: 4/30/2025



SE S SW W
210 240 270

2200°S (T) LAT: 32.310100 LON: -103.567090 ±13ft ▲ 3697ft

Excavation
Ensolum, ELC TGR Pipeline Spill
01 May-2025- 17:05:12

Photograph 43

Description: Excavation

View: North

Date: 5/1/2025 Phot

Photograph 44

Description: Excavation

View: South

Date: 5/1/2025



Devon Energy Production Company, LP TGR Pipeline Spill nAPP2434748534





Photograph 45

Date: 5/16/2025

Photograph 46

Date: 5/16/2025

Description: PH05
View: Southhwest

Description: PH07
View: Northwest





Photograph 47
Description: PH07

Date: 5/19/2025

Photograph 48

Date: 5/19/2025

View: Northeast

Description: PH07

View: North



APPENDIX D

Laboratory Analytical Reports & Chain-of-Custody Documentation

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: TGR Pipeline Spill

Work Order: E412121

Job Number: 01058-0007

Received: 12/16/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 12/19/24

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: 12/19/24

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: TGR Pipeline Spill

Workorder: E412121

Date Received: 12/16/2024 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/16/2024 8:00:00AM, under the Project Name: TGR Pipeline Spill.

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

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

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

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

Respectfully,

Walter Hinchman

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

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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	Donoutodi
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/19/24 14:17

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS01-0'	E412121-01A	Soil	12/12/24	12/16/24	Glass Jar, 2 oz.
SS02-0'	E412121-02A	Soil	12/12/24	12/16/24	Glass Jar, 2 oz.
SS03-0'	E412121-03A	Soil	12/12/24	12/16/24	Glass Jar, 2 oz.
SS04-0'	E412121-04A	Soil	12/12/24	12/16/24	Glass Jar, 2 oz.
SS05-0'	E412121-05A	Soil	12/12/24	12/16/24	Glass Jar, 2 oz.
SS06-0'	E412121-06A	Soil	12/12/24	12/16/24	Glass Jar, 2 oz.
SS07-0'	E412121-07A	Soil	12/12/24	12/16/24	Glass Jar, 2 oz.
SS08-0'	E412121-08A	Soil	12/12/24	12/16/24	Glass Jar, 2 oz.
SS09-0'	E412121-09A	Soil	12/12/24	12/16/24	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/19/2024 2:17:14PM

SS01-0' E412121-01

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: IY		Batch: 2451008
Benzene	ND	0.0250	1	12/16/24	12/17/24	
Ethylbenzene	ND	0.0250	1	12/16/24	12/17/24	
Toluene	ND	0.0250	1	12/16/24	12/17/24	
o-Xylene	ND	0.0250	1	12/16/24	12/17/24	
p,m-Xylene	ND	0.0500	1	12/16/24	12/17/24	
Total Xylenes	ND	0.0250	1	12/16/24	12/17/24	
Surrogate: 4-Bromochlorobenzene-PID		96.8 %	70-130	12/16/24	12/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: IY		Batch: 2451008
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/16/24	12/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.4 %	70-130	12/16/24	12/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: NV		Batch: 2451015
Diesel Range Organics (C10-C28)	ND	25.0	1	12/16/24	12/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/16/24	12/17/24	
Surrogate: n-Nonane		127 %	50-200	12/16/24	12/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: JM		Batch: 2451020
Chloride	ND	20.0	1	12/16/24	12/16/24	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/19/2024 2:17:14PM

SS02-0'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2451008
Benzene	ND	0.0250	1	12/16/24	12/17/24	
Ethylbenzene	ND	0.0250	1	12/16/24	12/17/24	
Toluene	ND	0.0250	1	12/16/24	12/17/24	
o-Xylene	ND	0.0250	1	12/16/24	12/17/24	
p,m-Xylene	ND	0.0500	1	12/16/24	12/17/24	
Total Xylenes	ND	0.0250	1	12/16/24	12/17/24	
Surrogate: 4-Bromochlorobenzene-PID		96.3 %	70-130	12/16/24	12/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2451008
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/16/24	12/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.7 %	70-130	12/16/24	12/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2451015
Diesel Range Organics (C10-C28)	ND	25.0	1	12/16/24	12/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/16/24	12/17/24	
Surrogate: n-Nonane		114 %	50-200	12/16/24	12/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: JM		Batch: 2451020
Chloride	ND	20.0	1	12/16/24	12/16/24	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/19/2024 2:17:14PM

SS03-0'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2451008
Benzene	ND	0.0250	1	12/16/24	12/17/24	
Ethylbenzene	ND	0.0250	1	12/16/24	12/17/24	
Toluene	ND	0.0250	1	12/16/24	12/17/24	
o-Xylene	ND	0.0250	1	12/16/24	12/17/24	
p,m-Xylene	ND	0.0500	1	12/16/24	12/17/24	
Total Xylenes	ND	0.0250	1	12/16/24	12/17/24	
Surrogate: 4-Bromochlorobenzene-PID		96.2 %	70-130	12/16/24	12/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2451008
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/16/24	12/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.2 %	70-130	12/16/24	12/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2451015
Diesel Range Organics (C10-C28)	ND	25.0	1	12/16/24	12/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/16/24	12/17/24	
Surrogate: n-Nonane		118 %	50-200	12/16/24	12/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: JM		Batch: 2451020
					12/16/24	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/19/2024 2:17:14PM

SS04-0'

E41	21	21	_04
1741	. 41	41	-04

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2451008
Benzene	ND	0.0250	1	12/16/24	12/17/24	
Ethylbenzene	ND	0.0250	1	12/16/24	12/17/24	
Toluene	ND	0.0250	1	12/16/24	12/17/24	
o-Xylene	ND	0.0250	1	12/16/24	12/17/24	
p,m-Xylene	ND	0.0500	1	12/16/24	12/17/24	
Total Xylenes	ND	0.0250	1	12/16/24	12/17/24	
Surrogate: 4-Bromochlorobenzene-PID		96.2 %	70-130	12/16/24	12/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2451008
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/16/24	12/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.8 %	70-130	12/16/24	12/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	Analyst: NV		Batch: 2451015
Diesel Range Organics (C10-C28)	ND	25.0	1	12/16/24	12/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/16/24	12/17/24	
Surrogate: n-Nonane		119 %	50-200	12/16/24	12/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: JM		Batch: 2451020
Chloride	ND	20.0	1	12/16/24	12/16/24	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/19/2024 2:17:14PM

SS05-0'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2451008
Benzene	ND	0.0250	1	12/16/24	12/17/24	
Ethylbenzene	ND	0.0250	1	12/16/24	12/17/24	
Toluene	ND	0.0250	1	12/16/24	12/17/24	
o-Xylene	ND	0.0250	1	12/16/24	12/17/24	
p,m-Xylene	ND	0.0500	1	12/16/24	12/17/24	
Total Xylenes	ND	0.0250	1	12/16/24	12/17/24	
Surrogate: 4-Bromochlorobenzene-PID		96.9 %	70-130	12/16/24	12/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	Analyst: IY		Batch: 2451008
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/16/24	12/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.9 %	70-130	12/16/24	12/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: NV		Batch: 2451015
Diesel Range Organics (C10-C28)	ND	25.0	1	12/16/24	12/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/16/24	12/17/24	
Surrogate: n-Nonane		118 %	50-200	12/16/24	12/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: JM		Batch: 2451020
	ND	20.0		12/16/24	12/16/24	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/19/2024 2:17:14PM

SS06-0'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2451008
Benzene	ND	0.0250	1	12/16/24	12/17/24	
Ethylbenzene	ND	0.0250	1	12/16/24	12/17/24	
Toluene	ND	0.0250	1	12/16/24	12/17/24	
o-Xylene	ND	0.0250	1	12/16/24	12/17/24	
p,m-Xylene	ND	0.0500	1	12/16/24	12/17/24	
Total Xylenes	ND	0.0250	1	12/16/24	12/17/24	
Surrogate: 4-Bromochlorobenzene-PID		96.3 %	70-130	12/16/24	12/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	Analyst: IY		Batch: 2451008
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/16/24	12/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.7 %	70-130	12/16/24	12/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2451015
Diesel Range Organics (C10-C28)	ND	25.0	1	12/16/24	12/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/16/24	12/17/24	
Surrogate: n-Nonane		118 %	50-200	12/16/24	12/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: JM		Batch: 2451020
Chloride	ND	20.0	1	12/16/24	12/16/24	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/19/2024 2:17:14PM

SS07-0'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2451008
Benzene	ND	0.0250	1	12/16/24	12/17/24	
Ethylbenzene	ND	0.0250	1	12/16/24	12/17/24	
Toluene	ND	0.0250	1	12/16/24	12/17/24	
o-Xylene	ND	0.0250	1	12/16/24	12/17/24	
p,m-Xylene	ND	0.0500	1	12/16/24	12/17/24	
Total Xylenes	ND	0.0250	1	12/16/24	12/17/24	
Surrogate: 4-Bromochlorobenzene-PID		95.7 %	70-130	12/16/24	12/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2451008
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/16/24	12/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.1 %	70-130	12/16/24	12/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2451015
Diesel Range Organics (C10-C28)	ND	25.0	1	12/16/24	12/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/16/24	12/18/24	
Surrogate: n-Nonane		116 %	50-200	12/16/24	12/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: JM		Batch: 2451020
· · · · · · · · · · · · · · · · · · ·	ND	20.0		12/16/24	12/16/24	·



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/19/2024 2:17:14PM

SS08-0'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2451008
Benzene	ND	0.0250	1	12/16/24	12/17/24	
Ethylbenzene	ND	0.0250	1	12/16/24	12/17/24	
Toluene	ND	0.0250	1	12/16/24	12/17/24	
o-Xylene	ND	0.0250	1	12/16/24	12/17/24	
p,m-Xylene	ND	0.0500	1	12/16/24	12/17/24	
Total Xylenes	ND	0.0250	1	12/16/24	12/17/24	
Surrogate: 4-Bromochlorobenzene-PID		96.2 %	70-130	12/16/24	12/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2451008
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/16/24	12/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.7 %	70-130	12/16/24	12/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	Analyst: NV		Batch: 2451015
Diesel Range Organics (C10-C28)	ND	25.0	1	12/16/24	12/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/16/24	12/18/24	
Surrogate: n-Nonane		115 %	50-200	12/16/24	12/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: JM		Batch: 2451020
Chloride	ND	20.0	1	12/16/24	12/16/24	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/19/2024 2:17:14PM

SS09-0'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: IY		Batch: 2451008
Benzene	ND	0.0250	1	12/16/24	12/17/24	
Ethylbenzene	ND	0.0250	1	12/16/24	12/17/24	
Toluene	ND	0.0250	1	12/16/24	12/17/24	
o-Xylene	ND	0.0250	1	12/16/24	12/17/24	
p,m-Xylene	ND	0.0500	1	12/16/24	12/17/24	
Total Xylenes	ND	0.0250	1	12/16/24	12/17/24	
Surrogate: 4-Bromochlorobenzene-PID		95.9 %	70-130	12/16/24	12/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: IY		Batch: 2451008
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/16/24	12/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.4 %	70-130	12/16/24	12/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: NV		Batch: 2451015
Diesel Range Organics (C10-C28)	ND	25.0	1	12/16/24	12/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/16/24	12/18/24	
Surrogate: n-Nonane		116 %	50-200	12/16/24	12/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: JM		Batch: 2451020
· · · · · · · · · · · · · · · · · · ·	ND			12/16/24	12/16/24	



Surrogate: 4-Bromochlorobenzene-PID

QC Summary Data

Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	•
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/19/2024 2:17:14PM

6488 7 Rivers Hwy Artesia NM, 88210		Project Number: Project Manager:		058-0007 shley Gioveng	0			12/	19/2024 2:17:14PM
Volatile Organics by EPA 8021B Analyst: BA									
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2451008-BLK1)						F	Prepared: 12	2/16/24 Ana	lyzed: 12/17/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
p-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.44		8.00		93.0	70-130			
LCS (2451008-BS1)						F	Prepared: 12	2/16/24 Ana	lyzed: 12/17/24
Benzene	5.38	0.0250	5.00		108	70-130			
Ethylbenzene	5.19	0.0250	5.00		104	70-130			
Toluene	5.31	0.0250	5.00		106	70-130			
-Xylene	5.20	0.0250	5.00		104	70-130			
o,m-Xylene	10.5	0.0500	10.0		105	70-130			
Total Xylenes	15.7	0.0250	15.0		105	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.43		8.00		92.9	70-130			
LCS Dup (2451008-BSD1)						F	Prepared: 12	2/16/24 Ana	lyzed: 12/17/24
Benzene	5.39	0.0250	5.00		108	70-130	0.332	20	
Ethylbenzene	5.22	0.0250	5.00		104	70-130	0.651	20	
Coluene	5.33	0.0250	5.00		107	70-130	0.432	20	
-Xylene	5.24	0.0250	5.00		105	70-130	0.876	20	
o,m-Xylene	10.6	0.0500	10.0		106	70-130	0.745	20	
Total Xylenes	15.9	0.0250	15.0		106	70-130	0.788	20	



Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/19/2024 2:17:14PM

Artesia NM, 88210		Project Manage		shley Gioveng	go			12/1	9/2024 2:17:14PN
	Non	Analyst: BA							
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2451008-BLK1)							Prepared: 1	2/16/24 Analy	zed: 12/17/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.36		8.00		92.0	70-130			
LCS (2451008-BS2)							Prepared: 1	2/16/24 Analy	zed: 12/17/24
Gasoline Range Organics (C6-C10)	42.8	20.0	50.0		85.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.51		8.00		93.9	70-130			
LCS Dup (2451008-BSD2)							Prepared: 1	2/16/24 Analy	zed: 12/17/24
Gasoline Range Organics (C6-C10)	43.6	20.0	50.0		87.2	70-130	1.80	20	

70-130



QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Number:	TGR Pipeline Spill 01058-0007	Reported:
Artesia NM, 88210	Project Number: Project Manager:	Ashley Giovengo	12/19/2024 2:17:14PM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go				12/19/2024 2:17:14PN	
Nonhalogenated Organics by EPA 8015D - DRO/ORO Analy										
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2451015-BLK1)							Prepared: 1	2/16/24 Aı	nalyzed: 12/17/24	
iesel Range Organics (C10-C28)	ND	25.0								
il Range Organics (C28-C36)	ND	50.0								
urrogate: n-Nonane	58.9		50.0		118	50-200				
CS (2451015-BS1)							Prepared: 1	2/16/24 Aı	nalyzed: 12/17/24	
iesel Range Organics (C10-C28)	244	25.0	250		97.6	38-132				
urrogate: n-Nonane	52.8		50.0		106	50-200				
Iatrix Spike (2451015-MS1)				Source:	E412121-	04	Prepared: 1	2/16/24 Aı	nalyzed: 12/17/24	
iesel Range Organics (C10-C28)	233	25.0	250	ND	93.1	38-132				
ırrogate: n-Nonane	53.4		50.0		107	50-200				
1atrix Spike Dup (2451015-MSD1)				Source:	E412121-	04	Prepared: 1	2/16/24 Aı	nalyzed: 12/17/24	
iesel Range Organics (C10-C28)	247	25.0	250	ND	98.8	38-132	5.93	20		
urrogate: n-Nonane										



Chloride

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		3	Project Name: TGR Pipeline Spill Project Number: 01058-0007 Project Manager: Ashley Giovengo					12	Reported: 2/19/2024 2:17:14PM
		Anions	by EPA	300.0/9056 <i>A</i>		Analyst: JM			
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2451020-BLK1)							Prepared: 1	2/16/24 Ana	alyzed: 12/16/24
Chloride	ND	20.0							
LCS (2451020-BS1)							Prepared: 1	2/16/24 Ana	alyzed: 12/16/24
Chloride	258	20.0	250		103	90-110			
LCS Dup (2451020-BSD1)							Prepared: 1	2/16/24 Ana	alyzed: 12/16/24

250

20.0

103

90-110

0.195

257

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:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/19/24 14:17

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



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Chain of Custody

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Client Information				Invoice Information		Lab Use Only						TAT					State						
Client: D	evon				Co	mpany: Devon Energy			Lab '	WO#			Job I				1D	2D	3D	Std	MM	CO UT	TX
Project:	TGR Pipeline	Spill			Address: 5315 Buena Vista Dr			E۷	112	72	ال)د	010	58	·63	57				X			X	
Project N	lanager: As	hley Giov	engo		<u>Ci</u>	ty, State, Zip: Carlsbad NM,	88220																
Address:	3122 Natio	nal Parks	Hwy		Pho	one: (575)689-7597							Ana	lysis	and	Met	hod				EP.	A Progra	am
City, Stat	e, Zip: Carls	bad NM,	88220		<u>En</u>	nail: jim.raley@dvn.com			1 1										-		SDWA	CWA	RCRA
Phone:	75-988-005	5				cellaneous: Jim Raley	•		1							1							
Email: a	giovengo@e	vengo@ensolum.com							<u>.</u>	S										Complianc	e Y	or N	
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				Sam	ple Informati	on				Q Q	Q Q	802	8260	300	- N	75 - T	Met						
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID	Field	L Nu	ab mber	DRO/ORO	GRO/DRO by	BTEX by 8021	VOC by 8260	Chforide 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals					Remarks	•
11:55	12/12/2024	s	1			SS01 - O'		1							Х						-		
11:58	12/12/2024	S	1			SS02 - 0'		2	2						х								_
11:57	12/12/2024	S	1			SS03 - 0'		3	<u>, </u>						X								
11:59	12/12/2024	S	1			SS04 - 0¹		L	1						х			i		-			
12:01	12/12/2024	s	1			SS05 - 0¹		5	5						X								
12:08	12/12/2024	s	1			SS06 - 0'			0						х								
12:10	12/12/2024	s	1			SS07 - 0'		-	1						х								
12:12	12/12/2024	s	1			SS08 - 0'		1	,						х								
12:05	12/12/2024	S	1			SS09 - 0'	7.10	9							х								
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Addition	al Instructio	ns: Ple	ase CC: o	burton@	ensolum.com,	agiovengo@ensolum.com,	jim.rale	y@dv	/n.cor	m, ie	strel	la@e	ensol	um.c	om,	char	nilto	n@e	nsol	um.c	om,		
<u>bsimm</u> o	ns@ensolum	n.com oa	derinto@	<u>Pensolum</u>	.com																		
I, (field sam	oler), attest to the	e validity and	authentici	ty of this samp	ple. I am aware tha	t tampering with or intentionally mislal	peling the s	ample l	ocation	, date	or time	e of co	llection	is co	nsidere	d frau	d and	may be	grou	nds for	legal action.		
	_Oluwale Aderir											_											
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Printed: 12/16/2024 10:01:00AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	12/16/24	08:00	,	Work Order ID:	E412121
Phone:	(505) 382-1211	Date Logged In:	12/13/24	16:50		Logged In By:	Noe Soto
Email:	agiovengo@ensolum.com	Due Date:	12/20/24	17:00 (4 day TAT)			
Chain of	f Custody (COC)						
	the sample ID match the COC?		Yes				
	the number of samples per sampling site location mate	ch the COC	Yes				
3. Were	samples dropped off by client or carrier?		Yes	Carrier: <u>Co</u>	ourier		
4. Was th	ne COC complete, i.e., signatures, dates/times, reques	ted analyses?	Yes	earror <u>ex</u>	<u> </u>		
	all samples received within holding time?	•	Yes				
	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion			_		Comment	s/Resolution
	<u> Turn Around Time (TAT)</u>						
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes				
Sample							
	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was th	ne sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes	s, were custody/security seals intact?		NA				
	he sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes				
		temperature. 4	<u>C</u>				
	Container equeous VOC samples present?		No				
	VOC samples collected in VOA Vials?		NA				
	e head space less than 6-8 mm (pea sized or less)?		NA				
	a trip blank (TB) included for VOC analyses?		NA				
	non-VOC samples collected in the correct containers?	•	Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field La	· · · · · · · · · · · · · · · · · · ·	iers conecteur	165				
	rield sample labels filled out with the minimum info	rmation:					
	Sample ID?	imation.	Yes				
	Date/Time Collected?		Yes	L			
(Collectors name?		No				
Sample :	<u>Preservation</u>						
21. Does	the COC or field labels indicate the samples were pro-	eserved?	No				
	sample(s) correctly preserved?		NA				
24. Is lab	o filteration required and/or requested for dissolved m	etals?	No				
<u>Multiph</u>	ase Sample Matrix						
26. Does	the sample have more than one phase, i.e., multiphas	se?	No				
27. If yes	s, does the COC specify which phase(s) is to be analy	zed?	NA				
Subcont	ract Laboratory						
	samples required to get sent to a subcontract laborator	v?	No				
	a subcontract laboratory specified by the client and if	-	NA	Subcontract Lab:	NA		
	nstruction			Subcontract Eas.	1111		

Date

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: TGR Pipeline Spill

Work Order: E412190

Job Number: 01058-0007

Received: 12/24/2024

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 1/3/25

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

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

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

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

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

Date Reported: 1/3/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: TGR Pipeline Spill

Workorder: E412190

Date Received: 12/24/2024 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/24/2024 7:30:00AM, under the Project Name: TGR Pipeline Spill.

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

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

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

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Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Chain of Custody etc.	26

Sample Summary

Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	Keporteu:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	01/03/25 09:01

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH02 @ 0'	E412190-01A	Soil	12/20/24	12/24/24	Glass Jar, 2 oz.
BH02 @ 0.5'	E412190-02A	Soil	12/20/24	12/24/24	Glass Jar, 2 oz.
BH03 @ 0'	E412190-03A	Soil	12/20/24	12/24/24	Glass Jar, 2 oz.
BH03 @ 0.5'	E412190-04A	Soil	12/20/24	12/24/24	Glass Jar, 2 oz.
BH04 @ 0'	E412190-05A	Soil	12/20/24	12/24/24	Glass Jar, 2 oz.
BH04 @ 2'	E412190-06A	Soil	12/20/24	12/24/24	Glass Jar, 2 oz.
BH04 @ 4.5'	E412190-07A	Soil	12/20/24	12/24/24	Glass Jar, 2 oz.
BH06 @ 0'	E412190-08A	Soil	12/20/24	12/24/24	Glass Jar, 2 oz.
BH06 @ 2'	E412190-09A	Soil	12/20/24	12/24/24	Glass Jar, 2 oz.
BH06 @ 4'	E412190-10A	Soil	12/20/24	12/24/24	Glass Jar, 2 oz.
BH08 @ 0'	E412190-11A	Soil	12/20/24	12/24/24	Glass Jar, 2 oz.
BH08 @ 2'	E412190-12A	Soil	12/20/24	12/24/24	Glass Jar, 2 oz.
BH08 @ 4'	E412190-13A	Soil	12/20/24	12/24/24	Glass Jar, 2 oz.
BH08 @ 6.5'	E412190-14A	Soil	12/20/24	12/24/24	Glass Jar, 2 oz.
SS03 @ 0.5'	E412190-15A	Soil	12/20/24	12/24/24	Glass Jar, 2 oz.

Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/3/2025 9:01:22AM

BH02 @ 0' E412190-01

		E412190-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2452036
Benzene	ND	0.0250	1	12/24/24	12/24/24	
Ethylbenzene	0.0546	0.0250	1	12/24/24	12/24/24	
foluene	ND	0.0250	1	12/24/24	12/24/24	
-Xylene	0.0941	0.0250	1	12/24/24	12/24/24	
,m-Xylene	0.297	0.0500	1	12/24/24	12/24/24	
Total Xylenes	0.391	0.0250	1	12/24/24	12/24/24	
urrogate: 4-Bromochlorobenzene-PID		90.5 %	70-130	12/24/24	12/24/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2452036
Sasoline Range Organics (C6-C10)	ND	20.0	1	12/24/24	12/24/24	
urrogate: 1-Chloro-4-fluorobenzene-FID		96.2 %	70-130	12/24/24	12/24/24	
Onhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2453006
riesel Range Organics (C10-C28)	741	25.0	1	12/30/24	12/30/24	
Dil Range Organics (C28-C36)	297	50.0	1	12/30/24	12/30/24	
urrogate: n-Nonane		115 %	50-200	12/30/24	12/30/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2452037
Chloride	19100	400	20	12/24/24	12/30/24	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/3/2025 9:01:22AM

BH02 @ 0.5' E412190-02

		E-112170-02				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2452036
Benzene	ND	0.0250	1	12/24/24	12/24/24	
Ethylbenzene	ND	0.0250	1	12/24/24	12/24/24	
Toluene	ND	0.0250	1	12/24/24	12/24/24	
o-Xylene	ND	0.0250	1	12/24/24	12/24/24	
o,m-Xylene	ND	0.0500	1	12/24/24	12/24/24	
Total Xylenes	ND	0.0250	1	12/24/24	12/24/24	
Surrogate: 4-Bromochlorobenzene-PID		89.4 %	70-130	12/24/24	12/24/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2452036
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/24/24	12/24/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.3 %	70-130	12/24/24	12/24/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2453006
Diesel Range Organics (C10-C28)	54.9	25.0	1	12/30/24	12/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/30/24	12/30/24	
Surrogate: n-Nonane		110 %	50-200	12/30/24	12/30/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2452037
Chloride	11000	200	10	12/24/24	12/30/24	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/3/2025 9:01:22AM

BH03 @ 0' E412190-03

		E-112170-03				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2452036
Benzene	ND	0.0250	1	12/24/24	12/24/24	
Ethylbenzene	ND	0.0250	1	12/24/24	12/24/24	
Toluene	ND	0.0250	1	12/24/24	12/24/24	
o-Xylene	ND	0.0250	1	12/24/24	12/24/24	
p,m-Xylene	ND	0.0500	1	12/24/24	12/24/24	
Total Xylenes	ND	0.0250	1	12/24/24	12/24/24	
Surrogate: 4-Bromochlorobenzene-PID		89.1 %	70-130	12/24/24	12/24/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	mg/kg Analyst: SL			Batch: 2452036
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/24/24	12/24/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.2 %	70-130	12/24/24	12/24/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: NV		Batch: 2453006
Diesel Range Organics (C10-C28)	761	25.0	1	12/30/24	12/30/24	
Oil Range Organics (C28-C36)	343	50.0	1	12/30/24	12/30/24	
Surrogate: n-Nonane		122 %	50-200	12/30/24	12/30/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: DT		Batch: 2452037
Chloride	7160	200	10	12/24/24	12/30/24	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/3/2025 9:01:22AM

BH03 @ 0.5' E412190-04

		E-12170-04				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2452036
Benzene	ND	0.0250	1	12/24/24	12/24/24	
Ethylbenzene	ND	0.0250	1	12/24/24	12/24/24	
Toluene	ND	0.0250	1	12/24/24	12/24/24	
o-Xylene	ND	0.0250	1	12/24/24	12/24/24	
p,m-Xylene	ND	0.0500	1	12/24/24	12/24/24	
Total Xylenes	ND	0.0250	1	12/24/24	12/24/24	
Surrogate: 4-Bromochlorobenzene-PID		89.0 %	70-130	12/24/24	12/24/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2452036
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/24/24	12/24/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.7 %	70-130	12/24/24	12/24/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2453006
Diesel Range Organics (C10-C28)	335	25.0	1	12/30/24	12/30/24	
Oil Range Organics (C28-C36)	171	50.0	1	12/30/24	12/30/24	
Surrogate: n-Nonane		111 %	50-200	12/30/24	12/30/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2452037
Chloride	5870	100	5	12/24/24	12/30/24	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/3/2025 9:01:22AM

BH04 @ 0' E412190-05

		E-112170-03				
Analyte	Result	Reporting Limit	Dilutior	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2452036
Benzene	ND	0.0250	1	12/24/24	12/24/24	
Ethylbenzene	ND	0.0250	1	12/24/24	12/24/24	
Toluene	ND	0.0250	1	12/24/24	12/24/24	
o-Xylene	ND	0.0250	1	12/24/24	12/24/24	
p,m-Xylene	ND	0.0500	1	12/24/24	12/24/24	
Total Xylenes	ND	0.0250	1	12/24/24	12/24/24	
Surrogate: 4-Bromochlorobenzene-PID		88.6 %	70-130	12/24/24	12/24/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2452036
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/24/24	12/24/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.6 %	70-130	12/24/24	12/24/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2453006
Diesel Range Organics (C10-C28)	86.4	25.0	1	12/30/24	12/31/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/30/24	12/31/24	
Surrogate: n-Nonane		110 %	50-200	12/30/24	12/31/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2452037
Chloride	6530	100	5	12/24/24	12/30/24	
Anions by EPA 300.0/9056A Chloride				-	12/30/24	Ba



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/3/2025 9:01:22AM

BH04 @ 2' E412190-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg mg/kg Analyst: SL			Batch: 2452036		
Benzene	ND	0.0250	1	12/24/24	12/24/24	
Ethylbenzene	ND	0.0250	1	12/24/24	12/24/24	
Toluene	ND	0.0250	1	12/24/24	12/24/24	
o-Xylene	ND	0.0250	1	12/24/24	12/24/24	
p,m-Xylene	ND	0.0500	1	12/24/24	12/24/24	
Total Xylenes	ND	0.0250	1	12/24/24	12/24/24	
Surrogate: 4-Bromochlorobenzene-PID		90.5 %	70-130	12/24/24	12/24/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2452036
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/24/24	12/24/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.2 %	70-130	12/24/24	12/24/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	g/kg Analyst: NV			Batch: 2453006
Diesel Range Organics (C10-C28)	ND	25.0	1	12/30/24	12/31/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/30/24	12/31/24	
Surrogate: n-Nonane		108 %	50-200	12/30/24	12/31/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2452037
Chloride	5530	100	5	12/24/24	12/30/24	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/3/2025 9:01:22AM

BH04 @ 4.5' E412190-07

	E-112170 07				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analyst: SL			Batch: 2452036
ND	0.0250	1	12/24/24	12/24/24	
ND	0.0250	1	12/24/24	12/24/24	
ND	0.0250	1	12/24/24	12/24/24	
ND	0.0250	1	12/24/24	12/24/24	
ND	0.0500	1	12/24/24	12/24/24	
ND	0.0250	1	12/24/24	12/24/24	
	90.2 %	70-130	12/24/24	12/24/24	
mg/kg	mg/kg	Analyst: SL			Batch: 2452036
ND	20.0	1	12/24/24	12/24/24	
	93.1 %	70-130	12/24/24	12/24/24	
mg/kg	mg/kg	Analy	st: NV		Batch: 2453006
ND	25.0	1	12/30/24	12/31/24	
ND	50.0	1	12/30/24	12/31/24	
	131 %	50-200	12/30/24	12/31/24	
mg/kg	mg/kg	Analy	st: DT		Batch: 2452037
13300	200	10	12/24/24	12/30/24	
	mg/kg ND Mg/kg ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 20.0250 MD 20.0 93.1 % mg/kg MD 25.0 ND 50.0 131 % mg/kg mg/kg mg/kg	mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 90.2 % 70-130 mg/kg mg/kg Analy ND 20.0 1 93.1 % 70-130 1 mg/kg mg/kg Analy ND 25.0 1 ND 50.0 1 131 % 50-200 mg/kg mg/kg Analy	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 12/24/24 ND 0.0250 1 12/24/24 ND 0.0250 1 12/24/24 ND 0.0250 1 12/24/24 ND 0.0500 1 12/24/24 ND 0.0250 1 12/24/24 mg/kg mg/kg Analyst: SL mg/kg mg/kg Analyst: SL ND 20.0 1 12/24/24 mg/kg mg/kg Analyst: NV ND 25.0 1 12/30/24 ND 50.0 1 12/30/24 ND 50.0 1 12/30/24 mg/kg mg/kg Analyst: DT	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 12/24/24 12/24/24 ND 0.0250 1 12/24/24 12/24/24 ND 0.0250 1 12/24/24 12/24/24 ND 0.0500 1 12/24/24 12/24/24 ND 0.0250 1 12/24/24 12/24/24 ND 0.0250 1 12/24/24 12/24/24 mg/kg mg/kg Analyst: SL ND 20.0 1 12/24/24 12/24/24 mg/kg mg/kg Analyst: SL 1 12/24/24 12/24/24 mg/kg mg/kg Analyst: NV 1 12/24/24 12/24/24 ND 25.0 1 12/30/24 12/31/24 ND 50.0 1 12/30/24 12/31/24 ND 50.0 1 12/30/24 12/31/24 mg/kg mg/kg<



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/3/2025 9:01:22AM

BH06 @ 0' E412190-08

	E412170 00				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analyst: SL			Batch: 2452036
ND	0.0250	1	12/24/24	12/24/24	
ND	0.0250	1	12/24/24	12/24/24	
ND	0.0250	1	12/24/24	12/24/24	
ND	0.0250	1	12/24/24	12/24/24	
ND	0.0500	1	12/24/24	12/24/24	
ND	0.0250	1	12/24/24	12/24/24	
	91.0 %	70-130	12/24/24	12/24/24	
mg/kg	mg/kg	Analyst: SL			Batch: 2452036
ND	20.0	1	12/24/24	12/24/24	
	93.0 %	70-130	12/24/24	12/24/24	
mg/kg	mg/kg	Analy	st: NV		Batch: 2453006
1070	25.0	1	12/30/24	12/31/24	
592	50.0	1	12/30/24	12/31/24	
	108 %	50-200	12/30/24	12/31/24	
mg/kg	mg/kg	Analy	st: DT		Batch: 2452037
11300	200	10	12/24/24	12/30/24	
	mg/kg ND ND ND ND ND ND ND ND The state of t	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 MD 20.0 93.0 % mg/kg mg/kg mg/kg 1070 25.0 592 50.0 108 % mg/kg mg/kg mg/kg	mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 91.0 % 70-130 mg/kg mg/kg Analy ND 20.0 1 93.0 % 70-130 1 mg/kg mg/kg Analy 1070 25.0 1 592 50.0 1 108 % 50-200 mg/kg mg/kg Analy	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 12/24/24 ND 0.0250 1 12/24/24 ND 0.0250 1 12/24/24 ND 0.0250 1 12/24/24 ND 0.0500 1 12/24/24 ND 0.0250 1 12/24/24 mg/kg mg/kg Analyst: SL ND 20.0 1 12/24/24 mg/kg mg/kg Analyst: NV 1070 25.0 1 12/30/24 592 50.0 1 12/30/24 mg/kg mg/kg Analyst: DT	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 12/24/24 12/24/24 ND 0.0250 1 12/24/24 12/24/24 ND 0.0250 1 12/24/24 12/24/24 ND 0.0500 1 12/24/24 12/24/24 ND 0.0250 1 12/24/24 12/24/24 ND 0.0250 1 12/24/24 12/24/24 mg/kg mg/kg Analyst: SL ND 20.0 1 12/24/24 12/24/24 mg/kg mg/kg Analyst: SL 12/24/24 12/24/24 mg/kg mg/kg Analyst: NV 1070 25.0 1 12/30/24 12/31/24 592 50.0 1 12/30/24 12/31/24 mg/kg mg/kg Analyst: DT



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/3/2025 9:01:22AM

BH06 @ 2' E412190-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2452036
Benzene	ND	0.0250	1	12/24/24	12/24/24	
Ethylbenzene	ND	0.0250	1	12/24/24	12/24/24	
Toluene	ND	0.0250	1	12/24/24	12/24/24	
o-Xylene	ND	0.0250	1	12/24/24	12/24/24	
p,m-Xylene	ND	0.0500	1	12/24/24	12/24/24	
Total Xylenes	ND	0.0250	1	12/24/24	12/24/24	
Surrogate: 4-Bromochlorobenzene-PID		90.9 %	70-130	12/24/24	12/24/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	g/kg mg/kg Analyst: SL			Batch: 2452036	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/24/24	12/24/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.5 %	70-130	12/24/24	12/24/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: NV		Batch: 2453006
Diesel Range Organics (C10-C28)	ND	25.0	1	12/30/24	12/31/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/30/24	12/31/24	
Surrogate: n-Nonane		110 %	50-200	12/30/24	12/31/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: DT		Batch: 2452037
Chloride	5520	100	5	12/24/24	12/30/24	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/3/2025 9:01:22AM

BH06 @ 4' E412190-10

		1.412170 10				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2452036
Benzene	ND	0.0250	1	12/24/24	12/24/24	
Ethylbenzene	ND	0.0250	1	12/24/24	12/24/24	
Toluene	ND	0.0250	1	12/24/24	12/24/24	
o-Xylene	ND	0.0250	1	12/24/24	12/24/24	
o,m-Xylene	ND	0.0500	1	12/24/24	12/24/24	
Total Xylenes	ND	0.0250	1	12/24/24	12/24/24	
Surrogate: 4-Bromochlorobenzene-PID		91.1 %	70-130	12/24/24	12/24/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2452036
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/24/24	12/24/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.2 %	70-130	12/24/24	12/24/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2453006
Diesel Range Organics (C10-C28)	ND	25.0	1	12/30/24	12/31/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/30/24	12/31/24	
Surrogate: n-Nonane		114 %	50-200	12/30/24	12/31/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2452037
Chloride	13900	200	10	12/24/24	12/30/24	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/3/2025 9:01:22AM

BH08 @ 0' E412190-11

	2.121,011				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: SL		Batch: 2452036
ND	0.0250	1	12/24/24	12/24/24	
ND	0.0250	1	12/24/24	12/24/24	
ND	0.0250	1	12/24/24	12/24/24	
ND	0.0250	1	12/24/24	12/24/24	
ND	0.0500	1	12/24/24	12/24/24	
ND	0.0250	1	12/24/24	12/24/24	
	91.0 %	70-130	12/24/24	12/24/24	
mg/kg	mg/kg	Anal	yst: SL		Batch: 2452036
ND	20.0	1	12/24/24	12/24/24	
	91.6 %	70-130	12/24/24	12/24/24	
mg/kg	mg/kg	Anal	yst: NV		Batch: 2453006
ND	25.0	1	12/30/24	12/31/24	
ND	50.0	1	12/30/24	12/31/24	
	111 %	50-200	12/30/24	12/31/24	
mg/kg	mg/kg	Anal	yst: DT		Batch: 2452037
5920	100	5	12/24/24	12/30/24	·
	mg/kg ND Mg/kg ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 MD 20.0 91.6 % mg/kg ND 25.0 ND 50.0 III % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Anal ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 91.0 % 70-130 mg/kg mg/kg Anal ND 20.0 1 91.6 % 70-130 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 111 % 50-200 mg/kg Mg/kg Anal	Reporting Result Limit Dilution Prepared mg/kg Analyst: SL ND 0.0250 1 12/24/24 ND 0.0250 1 12/24/24 ND 0.0250 1 12/24/24 ND 0.0500 1 12/24/24 ND 0.0250 1 12/24/24 ND 0.0250 1 12/24/24 mg/kg Mg/kg Analyst: SL ND 20.0 1 12/24/24 mg/kg Mg/kg Analyst: NV ND 25.0 1 12/30/24 ND 50.0 1 12/30/24 ND 50.0 1 12/30/24 Mg/kg Mg/kg Analyst: DT	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 12/24/24 12/24/24 ND 0.0250 1 12/24/24 12/24/24 ND 0.0250 1 12/24/24 12/24/24 ND 0.0500 1 12/24/24 12/24/24 ND 0.0250 1 12/24/24 12/24/24 ND 0.0250 1 12/24/24 12/24/24 MD 0.0250 1 12/24/24 12/24/24 mg/kg mg/kg Analyst: SL ND 12/24/24 12/24/24 MD 20.0 1 12/24/24 12/24/24 12/24/24 mg/kg mg/kg Analyst: NV ND 25.0 1 12/30/24 12/31/24 ND 50.0 1 12/30/24 12/31/24 MD 50.0 1 12/30/24 12/31/24 </td



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/3/2025 9:01:22AM

BH08 @ 2' E412190-12

ed Notes						
110100	Analyzed	Prepared	Dilution	Reporting Limit	Result	Analyte
Batch: 2452036		: SL	Analyst:	mg/kg	mg/kg	Volatile Organics by EPA 8021B
24	12/24/24	12/24/24	1	0.0250	ND	Benzene
24	12/24/24	12/24/24	1	0.0250	ND	Ethylbenzene
24	12/24/24	12/24/24	1	0.0250	ND	Toluene
24	12/24/24	12/24/24	1	0.0250	ND	o-Xylene
24	12/24/24	12/24/24	1	0.0500	ND	p,m-Xylene
<u>!</u> 4	12/24/24	12/24/24	1	0.0250	ND	Total Xylenes
?4	12/24/24	12/24/24	0	98.7 % 70-		Surrogate: 4-Bromochlorobenzene-PID
Batch: 2452036		: SL	Analyst:	mg/kg	mg/kg	Nonhalogenated Organics by EPA 8015D - GRO
24	12/24/24	12/24/24	1	20.0	ND	Gasoline Range Organics (C6-C10)
?4	12/24/24	12/24/24	0	91.1 % 70-		Surrogate: 1-Chloro-4-fluorobenzene-FID
Batch: 2453006		: NV	Analyst:	mg/kg	mg/kg	Nonhalogenated Organics by EPA 8015D - DRO/ORO
24	12/31/24	12/30/24	1	25.0	ND	Diesel Range Organics (C10-C28)
24	12/31/24	12/30/24	1	50.0	ND	Oil Range Organics (C28-C36)
?4	12/31/24	12/30/24	0	112 % 50-		Surrogate: n-Nonane
Batch: 2452037		: DT	Analyst:	mg/kg	mg/kg	Anions by EPA 300.0/9056A
24	12/30/24	12/24/24	5	100	6350	Chloride
24 24 24 24	12/31/24 12/31/24	12/30/24 12/30/24 12/30/24 : DT	1 1 0 Analyst:	25.0 50.0 112 % 50- mg/kg	ND ND mg/kg	Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36) Surrogate: n-Nonane Anions by EPA 300.0/9056A



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/3/2025 9:01:22AM

BH08 @ 4' E412190-13

		E-112170-13				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: SL		Batch: 2452036
Benzene	ND	0.0250	1	12/24/24	12/24/24	
Ethylbenzene	ND	0.0250	1	12/24/24	12/24/24	
Toluene	ND	0.0250	1	12/24/24	12/24/24	
o-Xylene	ND	0.0250	1	12/24/24	12/24/24	
p,m-Xylene	ND	0.0500	1	12/24/24	12/24/24	
Total Xylenes	ND	0.0250	1	12/24/24	12/24/24	
Surrogate: 4-Bromochlorobenzene-PID		98.5 %	70-130	12/24/24	12/24/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2452036
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/24/24	12/24/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.3 %	70-130	12/24/24	12/24/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2453006
Diesel Range Organics (C10-C28)	ND	25.0	1	12/30/24	12/31/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/30/24	12/31/24	
Surrogate: n-Nonane		111 %	50-200	12/30/24	12/31/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2452037
Chloride	9340	200	10	12/24/24	12/30/24	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/3/2025 9:01:22AM

BH08 @ 6.5' E412190-14

		£412190-14				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Analyte	Kesuit	Lillit	Dilution	Frepareu	Allalyzeu	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2452036
Benzene	ND	0.0250	1	12/24/24	12/24/24	
Ethylbenzene	ND	0.0250	1	12/24/24	12/24/24	
Toluene	ND	0.0250	1	12/24/24	12/24/24	
o-Xylene	ND	0.0250	1	12/24/24	12/24/24	
p,m-Xylene	ND	0.0500	1	12/24/24	12/24/24	
Total Xylenes	ND	0.0250	1	12/24/24	12/24/24	
Surrogate: 4-Bromochlorobenzene-PID		98.9 %	70-130	12/24/24	12/24/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2452036
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/24/24	12/24/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.2 %	70-130	12/24/24	12/24/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	Analyst: NV		Batch: 2453006
Diesel Range Organics (C10-C28)	ND	25.0	1	12/30/24	12/31/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/30/24	12/31/24	
Surrogate: n-Nonane		117 %	50-200	12/30/24	12/31/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2452037
Chloride	744	20.0	1	12/24/24	12/30/24	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/3/2025 9:01:22AM

SS03 @ 0.5' E412190-15

		L+112170 13				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2452036
Benzene	ND	0.0250	1	12/24/24	12/24/24	
Ethylbenzene	ND	0.0250	1	12/24/24	12/24/24	
Toluene	ND	0.0250	1	12/24/24	12/24/24	
o-Xylene	ND	0.0250	1	12/24/24	12/24/24	
p,m-Xylene	ND	0.0500	1	12/24/24	12/24/24	
Total Xylenes	ND	0.0250	1	12/24/24	12/24/24	
Surrogate: 4-Bromochlorobenzene-PID		98.5 %	70-130	12/24/24	12/24/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2452036
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/24/24	12/24/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.1 %	70-130	12/24/24	12/24/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2453006
Diesel Range Organics (C10-C28)	ND	25.0	1	12/30/24	12/31/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/30/24	12/31/24	
Surrogate: n-Nonane		109 %	50-200	12/30/24	12/31/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2452037
Chloride	22.6	20.0	1	12/24/24	12/30/24	



Surrogate: 4-Bromochlorobenzene-PID

QC Summary Data

		•	
Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/3/2025 9:01:22AM

6488 7 Rivers Hwy Artesia NM, 88210		Project Number: Project Manager:		058-0007 shley Gioveng	o				1/3/2025 9:01:22AM
Volatile Organics by EPA 8021B Analyst: SL									
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2452036-BLK1)]	Prepared: 12	2/24/24 Ar	alyzed: 12/24/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.09		8.00		88.7	70-130			
LCS (2452036-BS1)]	Prepared: 12	2/24/24 Ar	alyzed: 12/24/24
Benzene	5.03	0.0250	5.00		101	70-130			
Ethylbenzene	4.85	0.0250	5.00		97.0	70-130			
Toluene	4.95	0.0250	5.00		99.0	70-130			
o-Xylene	4.83	0.0250	5.00		96.7	70-130			
o,m-Xylene	9.86	0.0500	10.0		98.6	70-130			
Total Xylenes	14.7	0.0250	15.0		97.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.11		8.00		88.9	70-130			
LCS Dup (2452036-BSD1)]	Prepared: 12	2/24/24 Ar	alyzed: 12/24/24
Benzene	5.09	0.0250	5.00		102	70-130	1.17	20	
Ethylbenzene	4.91	0.0250	5.00		98.1	70-130	1.20	20	
Toluene	5.01	0.0250	5.00		100	70-130	1.26	20	
o-Xylene	4.89	0.0250	5.00		97.7	70-130	1.09	20	
o,m-Xylene	9.98	0.0500	10.0		99.8	70-130	1.27	20	
Total Xylenes	14.9	0.0250	15.0		99.1	70-130	1.21	20	



Surrogate: 1-Chloro-4-fluorobenzene-FID

7.64

QC Summary Data

Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	-
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/3/2025 9:01:22AM

Artesia NM, 88210		Project Manage		shley Gioveng	go			1/3	/2025 9:01:22AM
	Nor	halogenated	Organics	by EPA 80	15D - G	RO			Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2452036-BLK1)]	Prepared: 12	2/24/24 Analy	yzed: 12/24/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.47		8.00		93.4	70-130			
LCS (2452036-BS2)						1	Prepared: 12	2/24/24 Analy	yzed: 12/24/24
Gasoline Range Organics (C6-C10)	41.0	20.0	50.0		82.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.55		8.00		94.4	70-130			
LCS Dup (2452036-BSD2)]	Prepared: 12	2/24/24 Analy	yzed: 12/24/24
Gasoline Range Organics (C6-C10)	37.7	20.0	50.0		75.4	70-130	8.34	20	

70-130

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Number:	TGR Pipeline Spill 01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/3/2025 9:01:22AM

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go				1/3/2025 9:01:22AM
	Nonhal	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2453006-BLK1)							Prepared: 1	2/30/24 A	nalyzed: 12/30/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	59.7		50.0		119	50-200			
LCS (2453006-BS1)							Prepared: 1	2/30/24 A	nalyzed: 12/30/24
Diesel Range Organics (C10-C28)	298	25.0	250		119	38-132			
Surrogate: n-Nonane	56.5		50.0		113	50-200			
Matrix Spike (2453006-MS1)				Source:	E412190-	02	Prepared: 1	2/30/24 A	nalyzed: 12/30/24
Diesel Range Organics (C10-C28)	386	25.0	250	54.9	132	38-132			
Surrogate: n-Nonane	55.9		50.0		112	50-200			
Matrix Spike Dup (2453006-MSD1)				Source:	E412190-	02	Prepared: 1	2/30/24 A	nalyzed: 12/30/24
Diesel Range Organics (C10-C28)	340	25.0	250	54.9	114	38-132	12.8	20	
Surrogate: n-Nonane	54.7		50.0		109	50-200			



Chloride

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		GR Pipeline S	pill				Reported:
Artesia NM, 88210		Project Manager	r: A	Ashley Gioveng	go				1/3/2025 9:01:22AM
		Anions	by EPA	300.0/9056	A				Analyst: DT
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2452037-BLK1)							Prepared: 1	2/24/24 Aı	nalyzed: 12/30/24
Chloride	ND	20.0							
LCS (2452037-BS1)							Prepared: 1	2/24/24 Aı	nalyzed: 12/30/24
Chloride	257	20.0	250		103	90-110			
LCS Dup (2452037-BSD1)							Prepared: 1	2/24/24 Aı	nalyzed: 12/30/24

250

20.0

103

90-110

0.175

20

258

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:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	01/03/25 09:01

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



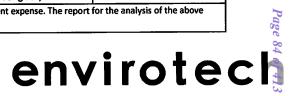
	Clie	nt Inform	ation		Invo	ice Information				Lab	Use O	nly				TAT			Stat	е
Client: [Devon				Company: Dev			Lab	wo# 1121		Job	Nun	nber	_	1D	2D 3	D Sto		CO UT	TX
Project:		GR Pipeli			Address: 5315			_ <u> ٤</u> ٤	1121	90	010	58	-000	7			X] <u>[x</u>		
	Manager: Asl 3122 Nation				Phone: (575)689	Carlsbad NM, 88	3220		r		Δn	alvci	s and	Met	hod			F	PA Progr	am
	te, Zip: Carls				Email: jim.raley			_	\vdash	Т		1	T					SDWA	CWA	RCRA
	575-988-005				Miscellaneous: Ji			_												
Email: a	giovengo@e	nsolum.c	<u>om</u>						8015	3								Compliar PWSID #		or N
-				Sample Info	ermation				. ا ه ا		260 251	300.0	Σ	χ <u>-</u> ς	Aetals	-		F VV3ID#	'	
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID		Field	Lab Number	DRO/ORO	GRO/URO BY BULL	BTEX by 8021 VOC by 8260	Chloride 300.0	BGDOC - NM	ICEQ 1005 - TX	RCRA 8 Metals				Remark	5
1239	12/20/2024	s	1	BHO	2 (2)			١					X							
1246	12/20/2024	S	1	BHOZ		1,5		2					x							
1748	12/20/2024	s	1	B H 03	(d) () /		3					x					_		
1252	12/20/2024	S	1	BH63	(c) c.			4_					X				_ _			
1118	12/20/2024	s	1_	BHOH	@ 0'			5					X				_			
1122	12/20/2024	s	1	BH046	2 2'			6					X							
113C	12/20/2024	s	1	BHOH (0 4.5	· (7					X				\perp	ļ		_
1201	12/20/2024	s	1	BH06 (0'			8				_	X	_			_			
1205	12/20/2024	s	1	BH06 (0				9					X							
1210		s	1	BH06 (0)				10					X							
i .				urton@ensolun ensolum.com	n.com, agiovengo@	ensolum.com, ji	m.raley	@avn.co	m, iest	reila	wenso:	ium.	.com,	cnar	THEO	ıwen	soium	.com,		
					ware that tampering with	or intentionally mislabe	ling the sa	mple location	, date or	time o	f collecti	on is co	onsider	ed frau	d and i	nay be g	rounds f	or legal action	n.	
	: _Higinio Gonzale		mmons	Time	Recalied budge	Signatural	Date		Time.		-		Samo	les requ	iring the	rmal pres	ervation :	nust be receive	d on ice the d	ay they are
The iniquist	ned by: (Signatu	2	12-	23-24 080C	Received by (MCC	17	23.24	170	$\mathcal{O}($			sampl	-	ceived p			wg temp above		
Relinquish	ned by Signatu	ye)	Date	Time	Received by: (5	Signature)	Date		Time 07				İ	eivec		:e:		Jse Only N		
Relinquish	ned by: (Signatu	re)	Date	Time	Received by: (Signature)	Date		Time				<u>T1</u>			I	<u> </u>		<u>T3</u>	_
Relinquish	ned by: (Signatu	re)	Date	Time	Received by: (Signature)	Date		Time				AVO	3 Ten	np °C					





	Clier	nt Inforn	nation			Invoice Informati	on			La	b Us	e On	lv		П		TAT			State
Client: De Project:	evonT	GR Pipel	ine Spill		Add	pany: Devon Energy ress: 5315 Buena Vista I)r	Lat	wo:	<u>#</u> 219			<u> </u>	er 00 0	7	1D		D Sto	NN X	1 CO UT TX
Address: City, State Phone: 5	lanager: Ash 3122 Nation e, Zip: Carlsl 75-988-0055 giovengo@el	nal Parks bad NM, 5	Hwy 88220		Phon Ema	State, Zip: Carlsbad NN e: (575)689-7597 il: jim.raley@dvn.com llaneous: Jim Raley	1, 88220		8015	8015					Meth				SDWA Complian	
				Sample I	nformation] À	Ą Q	8051	8260	300	ξ	ج د	₹ Eta				
Time Sampled	Date Sampled	Matrix	No. of Containers		S	ample ID	Field	Lab Numbe	DRO/ORO by 8015	GRO/DRO by 8015	ВТЕХ by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				Remarks
0959	12/20/2024	s	1	BH08	(a)	C'		11						x						
1001	12/20/2024	s	1	BHc8	(a)	21		12						X						
1020	12/20/2024	s	1	BHO8	(i)	4'		13						X						
1046	12/20/2024	s	1	BH08	(0)	6.5'		14						X						
1246	12-20-24	5	1	<i>550</i>	36	0.51		15	-					X		_				
bsimmor I, (field samp	s@ensolum	n.com, jg validity an	onzalez@ dauthenticit	ensolum.com		giovengo@ensolum.cor														n.
Relinquish	ed by: (Signatur	re)	Date	- 23-24 OE	200	Received/by: (Signature)	Date 12	.13.2		00	00			sample		elved p		ice at an a	vg temp above	ed on ice the day they are e 0 but less than 6 °C on
Sol	ed by: (Signatured by: (Signature)	_حكاكل	Date	. 23.24	700	Received by: (Signature)	Date	24-20	Time	730)				eived	on i		0	Jse Only N	T2
Relinquish	ed by: (Signatu	re)	Date	Time		Received by: (Signature)	Date	;	Time	e				<u> </u>	Tem	n°C		<u>2</u>		<u>T3</u>





Printed: 12/24/2024 8:17:05AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	12/24/24	07:30		Work Order ID:	E412190
Phone:	(505) 382-1211	Date Logged In:	12/23/24	12:37		Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	01/03/25	17:00 (4 day TAT)			
Chain of	Custody (COC)						
	the sample ID match the COC?		Yes				
	he number of samples per sampling site location mate	ch the COC	Yes				
	amples dropped off by client or carrier?		Yes	Carrier: C	Courier		
	e COC complete, i.e., signatures, dates/times, request	ted analyses?	Yes	Carrier. <u>c</u>	<u>Journer</u>		
	ill samples received within holding time?		Yes				
	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssio					Comments	s/Resolution
Sample 7	<u> Furn Around Time (TAT)</u>						
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes				
Sample (
	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was th	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes	, were custody/security seals intact?		NA				
	ne sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample	received w/i 15	Yes				
	•	temperature. 1	<u> </u>				
	<u>Container</u> queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	a trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers?		Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field La		ers conceicu:	103				
•	field sample labels filled out with the minimum infor	rmation:					
	ample ID?	mation.	Yes				
	Pate/Time Collected?		Yes	l			
C	Collectors name?		No				
Sample 1	Preservation_						
21. Does	the COC or field labels indicate the samples were pro-	eserved?	No				
	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved m	etals?	No				
Multipha	ase Sample Matrix						
26. Does	the sample have more than one phase, i.e., multiphas	e?	No				
27. If yes	, does the COC specify which phase(s) is to be analy	zed?	NA				
Subconti	ract Laboratory						
	amples required to get sent to a subcontract laborator	v?	No				
	a subcontract laboratory specified by the client and if	-	NA	Subcontract Lab	: NA		
	nstruction						
CHEIL	isti uction						

Date

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: TGR Pipeline Spill

Work Order: E501236

Job Number: 01058-0007

Received: 1/31/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 2/5/25

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

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

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

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

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

Date Reported: 2/5/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: TGR Pipeline Spill

Workorder: E501236

Date Received: 1/31/2025 5:30:49AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/31/2025 5:30:49AM, under the Project Name: TGR Pipeline Spill.

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

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

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

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

Respectfully,

Walter Hinchman

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Sample Summary

Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	Donoutoda
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	02/05/25 15:50

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
PH01-0'	E501236-01A	Soil	01/29/25	01/31/25	Glass Jar, 2 oz.
PH01-2'	E501236-02A	Soil	01/29/25	01/31/25	Glass Jar, 2 oz.
PH01-4'	E501236-03A	Soil	01/29/25	01/31/25	Glass Jar, 2 oz.
PH01-6'	E501236-04A	Soil	01/29/25	01/31/25	Glass Jar, 2 oz.
PH01-7'	E501236-05A	Soil	01/29/25	01/31/25	Glass Jar, 2 oz.
PH01-8'	E501236-06A	Soil	01/29/25	01/31/25	Glass Jar, 2 oz.
PH02-2'	E501236-07A	Soil	01/29/25	01/31/25	Glass Jar, 2 oz.
PH02-4'	E501236-08A	Soil	01/29/25	01/31/25	Glass Jar, 2 oz.
PH04-5'	E501236-09A	Soil	01/29/25	01/31/25	Glass Jar, 2 oz.
PH04-7'	E501236-10A	Soil	01/29/25	01/31/25	Glass Jar, 2 oz.
PH04-9'	E501236-11A	Soil	01/29/25	01/31/25	Glass Jar, 2 oz.
PH04-11'	E501236-12A	Soil	01/29/25	01/31/25	Glass Jar, 2 oz.
PH07-0'	E501236-13A	Soil	01/29/25	01/31/25	Glass Jar, 2 oz.
PH07-2'	E501236-14A	Soil	01/29/25	01/31/25	Glass Jar, 2 oz.
PH07-4'	E501236-15A	Soil	01/29/25	01/31/25	Glass Jar, 2 oz.
PH07-6'	E501236-16A	Soil	01/29/25	01/31/25	Glass Jar, 2 oz.
PH07-8'	E501236-17A	Soil	01/29/25	01/31/25	Glass Jar, 2 oz.
PH07-10'	E501236-18A	Soil	01/29/25	01/31/25	Glass Jar, 2 oz.
PH03-2'	E501236-19A	Soil	01/29/25	01/31/25	Glass Jar, 2 oz.
PH03-4'	E501236-20A	Soil	01/29/25	01/31/25	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/5/2025 3:50:44PM

PH01-0' E501236-01

		E301230-01					
Analyte	Result	Reporting Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	SL		Batch: 2505137
Benzene	ND	0.0250	1	[01/31/25	02/03/25	
Ethylbenzene	ND	0.0250	1	l	01/31/25	02/03/25	
Toluene	ND	0.0250	1	l	01/31/25	02/03/25	
o-Xylene	ND	0.0250	1	1	01/31/25	02/03/25	
p,m-Xylene	ND	0.0500	1	l	01/31/25	02/03/25	
Total Xylenes	ND	0.0250	1	l	01/31/25	02/03/25	
Surrogate: Bromofluorobenzene		95.9 %	70-130		01/31/25	02/03/25	
Surrogate: 1,2-Dichloroethane-d4		91.8 %	70-130		01/31/25	02/03/25	
Surrogate: Toluene-d8		94.7 %	70-130		01/31/25	02/03/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	SL		Batch: 2505137
Gasoline Range Organics (C6-C10)	ND	20.0	1	[01/31/25	02/03/25	
Surrogate: Bromofluorobenzene		95.9 %	70-130		01/31/25	02/03/25	
Surrogate: 1,2-Dichloroethane-d4		91.8 %	70-130		01/31/25	02/03/25	
Surrogate: Toluene-d8		94.7 %	70-130		01/31/25	02/03/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2505145
Diesel Range Organics (C10-C28)	239	25.0	1	1	01/31/25	02/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	l	01/31/25	02/01/25	
Surrogate: n-Nonane		101 %	61-141		01/31/25	02/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	ЈМ		Batch: 2505154
Chloride	6950	100		5	01/31/25	01/31/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/5/2025 3:50:44PM

PH01-2' E501236-02

		2001200 02					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: SL		Batch: 2505137
Benzene	ND	0.0250		1	01/31/25	02/03/25	
Ethylbenzene	ND	0.0250		1	01/31/25	02/03/25	
Toluene	ND	0.0250		1	01/31/25	02/03/25	
o-Xylene	ND	0.0250		1	01/31/25	02/03/25	
p,m-Xylene	ND	0.0500		1	01/31/25	02/03/25	
Total Xylenes	ND	0.0250		1	01/31/25	02/03/25	
Surrogate: Bromofluorobenzene		97.2 %	70-130		01/31/25	02/03/25	
Surrogate: 1,2-Dichloroethane-d4		92.1 %	70-130		01/31/25	02/03/25	
Surrogate: Toluene-d8		97.0 %	70-130		01/31/25	02/03/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: SL		Batch: 2505137
Gasoline Range Organics (C6-C10)	ND	20.0		1	01/31/25	02/03/25	
Surrogate: Bromofluorobenzene		97.2 %	70-130		01/31/25	02/03/25	
Surrogate: 1,2-Dichloroethane-d4		92.1 %	70-130		01/31/25	02/03/25	
Surrogate: Toluene-d8		97.0 %	70-130		01/31/25	02/03/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2505145
Diesel Range Organics (C10-C28)	ND	25.0		1	01/31/25	02/01/25	
Oil Range Organics (C28-C36)	ND	50.0		1	01/31/25	02/01/25	
Surrogate: n-Nonane		99.8 %	61-141	·	01/31/25	02/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: JM		Batch: 2505154
Chloride	4730	40.0		2	01/31/25	01/31/25	_



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/5/2025 3:50:44PM

PH01-4' E501236-03

		E301230-03					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Maryte	Result	Limit	Ditt	ation	Trepared	Zinaryzed	110103
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	:: SL		Batch: 2505137
Benzene	ND	0.0250		1	01/31/25	02/01/25	
Ethylbenzene	ND	0.0250		1	01/31/25	02/01/25	
Toluene	ND	0.0250		1	01/31/25	02/01/25	
o-Xylene	ND	0.0250		1	01/31/25	02/01/25	
p,m-Xylene	ND	0.0500		1	01/31/25	02/01/25	
Total Xylenes	ND	0.0250		1	01/31/25	02/01/25	
Surrogate: Bromofluorobenzene		94.0 %	70-130		01/31/25	02/01/25	
Surrogate: 1,2-Dichloroethane-d4		93.1 %	70-130		01/31/25	02/01/25	
Surrogate: Toluene-d8		95.3 %	70-130		01/31/25	02/01/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	:: SL		Batch: 2505137
Gasoline Range Organics (C6-C10)	ND	20.0		1	01/31/25	02/01/25	
Surrogate: Bromofluorobenzene		94.0 %	70-130		01/31/25	02/01/25	
Surrogate: 1,2-Dichloroethane-d4		93.1 %	70-130		01/31/25	02/01/25	
Surrogate: Toluene-d8		95.3 %	70-130		01/31/25	02/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	:: NV		Batch: 2505145
Diesel Range Organics (C10-C28)	ND	25.0		1	01/31/25	02/01/25	
Oil Range Organics (C28-C36)	ND	50.0	:	1	01/31/25	02/01/25	
Surrogate: n-Nonane		104 %	61-141		01/31/25	02/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	:: JM		Batch: 2505154
Chloride	14900	200	1	0	01/31/25	01/31/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/5/2025 3:50:44PM

PH01-6' E501236-04

		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	analyst: SL		Batch: 2505137
Benzene	ND	0.0250	1	01/31/25	02/01/25	
Ethylbenzene	ND	0.0250	1	01/31/25	02/01/25	
Toluene	ND	0.0250	1	01/31/25	02/01/25	
o-Xylene	ND	0.0250	1	01/31/25	02/01/25	
p,m-Xylene	ND	0.0500	1	01/31/25	02/01/25	
Total Xylenes	ND	0.0250	1	01/31/25	02/01/25	
Surrogate: Bromofluorobenzene		93.6 %	70-130	01/31/25	02/01/25	
Surrogate: 1,2-Dichloroethane-d4		92.3 %	70-130	01/31/25	02/01/25	
Surrogate: Toluene-d8		97.7 %	70-130	01/31/25	02/01/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	analyst: SL		Batch: 2505137
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/31/25	02/01/25	
Surrogate: Bromofluorobenzene		93.6 %	70-130	01/31/25	02/01/25	
Surrogate: 1,2-Dichloroethane-d4		92.3 %	70-130	01/31/25	02/01/25	
Surrogate: Toluene-d8		97.7 %	70-130	01/31/25	02/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	А	analyst: NV		Batch: 2505145
Diesel Range Organics (C10-C28)	ND	25.0	1	01/31/25	02/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/31/25	02/01/25	
Surrogate: n-Nonane		104 %	61-141	01/31/25	02/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	analyst: JM		Batch: 2505154
Chloride	2790	40.0	2	01/31/25	01/31/25	

Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/5/2025 3:50:44PM

PH01-7' E501236-05

Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
	mg/kg	mg/kg		Analyst:		7 Hary Zea	Batch: 2505137
Volatile Organic Compounds by EPA 8260B				Anaryst.	01/31/25	02/01/25	Batch: 2303137
Benzene	ND	0.0250		1			
Ethylbenzene	ND	0.0250		1	01/31/25	02/01/25	
Toluene	ND	0.0250		1	01/31/25	02/01/25	
o-Xylene	ND	0.0250		1	01/31/25	02/01/25	
p,m-Xylene	ND	0.0500		1	01/31/25	02/01/25	
Total Xylenes	ND	0.0250		1	01/31/25	02/01/25	
Surrogate: Bromofluorobenzene		95.3 %	70-130		01/31/25	02/01/25	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130		01/31/25	02/01/25	
Surrogate: Toluene-d8		94.5 %	70-130		01/31/25	02/01/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: SL		Batch: 2505137
Gasoline Range Organics (C6-C10)	ND	20.0		1	01/31/25	02/01/25	
Surrogate: Bromofluorobenzene		95.3 %	70-130		01/31/25	02/01/25	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130		01/31/25	02/01/25	
Surrogate: Toluene-d8		94.5 %	70-130		01/31/25	02/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: NV		Batch: 2505145
Diesel Range Organics (C10-C28)	ND	25.0		1	01/31/25	02/01/25	
Oil Range Organics (C28-C36)	ND	50.0		1	01/31/25	02/01/25	
Surrogate: n-Nonane		107 %	61-141		01/31/25	02/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: JM		Batch: 2505154
Chloride	185	20.0		1	01/31/25	01/31/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/5/2025 3:50:44PM

PH01-8' E501236-06

		1201200 00				
Analyte	Result	Reporting Limit	Dilutio	on Prepared	Analyzed	Notes
	mg/kg	mg/kg		nalyst: SL	111111111111111111111111111111111111111	Batch: 2505137
Volatile Organic Compounds by EPA 8260B	ND	0.0250	1	01/31/25	02/01/25	Batcii. 2303137
Benzene	ND ND	0.0250	1	01/31/25	02/01/25	
Ethylbenzene	ND ND	0.0250	1	01/31/25	02/01/25	
Toluene			1	01/31/25	02/01/25	
o-Xylene	ND	0.0250	1	01/31/25	02/01/25	
p,m-Xylene	ND	0.0500	1	01/31/25	02/01/25	
Total Xylenes	ND	0.0250	1	01/31/23	02/01/23	
Surrogate: Bromofluorobenzene		94.3 %	70-130	01/31/25	02/01/25	
Surrogate: 1,2-Dichloroethane-d4		93.9 %	70-130	01/31/25	02/01/25	
Surrogate: Toluene-d8		93.8 %	70-130	01/31/25	02/01/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: SL		Batch: 2505137
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/31/25	02/01/25	
Surrogate: Bromofluorobenzene		94.3 %	70-130	01/31/25	02/01/25	
Surrogate: 1,2-Dichloroethane-d4		93.9 %	70-130	01/31/25	02/01/25	
Surrogate: Toluene-d8		93.8 %	70-130	01/31/25	02/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: NV		Batch: 2505145
Diesel Range Organics (C10-C28)	ND	25.0	1	01/31/25	02/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/31/25	02/01/25	
Surrogate: n-Nonane		110 %	61-141	01/31/25	02/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: JM		Batch: 2505154
Chloride	131	20.0	1	01/31/25	01/31/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/5/2025 3:50:44PM

PH02-2' E501236-07

		E301230-07					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: S	L		Batch: 2505137
Benzene	ND	0.0250	1	l	01/31/25	02/01/25	
Ethylbenzene	ND	0.0250	1	l	01/31/25	02/01/25	
Toluene	ND	0.0250	1	l	01/31/25	02/01/25	
o-Xylene	ND	0.0250	1	l	01/31/25	02/01/25	
p,m-Xylene	ND	0.0500	1	l	01/31/25	02/01/25	
Total Xylenes	ND	0.0250	1	Į	01/31/25	02/01/25	
Surrogate: Bromofluorobenzene		95.3 %	70-130		01/31/25	02/01/25	
Surrogate: 1,2-Dichloroethane-d4		93.5 %	70-130		01/31/25	02/01/25	
Surrogate: Toluene-d8		95.3 %	70-130		01/31/25	02/01/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	_	Analyst: S	L		Batch: 2505137
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	01/31/25	02/01/25	
Surrogate: Bromofluorobenzene		95.3 %	70-130		01/31/25	02/01/25	
Surrogate: 1,2-Dichloroethane-d4		93.5 %	70-130		01/31/25	02/01/25	
Surrogate: Toluene-d8		95.3 %	70-130		01/31/25	02/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	_	Analyst: N	IV		Batch: 2505145
Diesel Range Organics (C10-C28)	ND	25.0	1	1	01/31/25	02/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	<u> </u>	01/31/25	02/01/25	
Surrogate: n-Nonane		107 %	61-141		01/31/25	02/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: J	M		Batch: 2505154
Chloride	2710	20.0	1		01/31/25	01/31/25	
Sinoriae		_0.0					



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/5/2025 3:50:44PM

PH02-4' E501236-08

Analyte	Result	Reporting Limit	Dilut	tion	Prepared	Analyzed	Notes
Analyte	Result	Lillit	Dilui	tion	rrepared	Anaryzeu	notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: SL	,		Batch: 2505137
Benzene	ND	0.0250	1	ļ	01/31/25	02/01/25	
Ethylbenzene	ND	0.0250	1	ļ	01/31/25	02/01/25	
Toluene	ND	0.0250	1	ļ	01/31/25	02/01/25	
o-Xylene	ND	0.0250	1		01/31/25	02/01/25	
p,m-Xylene	ND	0.0500	1		01/31/25	02/01/25	
Total Xylenes	ND	0.0250	1	l	01/31/25	02/01/25	
Surrogate: Bromofluorobenzene		93.9 %	70-130		01/31/25	02/01/25	
Surrogate: 1,2-Dichloroethane-d4		95.2 %	70-130		01/31/25	02/01/25	
Surrogate: Toluene-d8		94.0 %	70-130		01/31/25	02/01/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: SL	,		Batch: 2505137
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	01/31/25	02/01/25	
Surrogate: Bromofluorobenzene		93.9 %	70-130		01/31/25	02/01/25	
Surrogate: 1,2-Dichloroethane-d4		95.2 %	70-130		01/31/25	02/01/25	
Surrogate: Toluene-d8		94.0 %	70-130		01/31/25	02/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV	V		Batch: 2505145
Diesel Range Organics (C10-C28)	ND	25.0	1		01/31/25	02/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	l	01/31/25	02/01/25	
Surrogate: n-Nonane		111 %	61-141		01/31/25	02/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: JM	1		Batch: 2505154
Chloride	113	20.0	1		01/31/25	01/31/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/5/2025 3:50:44PM

PH04-5' E501236-09

		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: SL		Batch: 2505137
Benzene	ND	0.0250	1	01/31/25	02/01/25	
Ethylbenzene	ND	0.0250	1	01/31/25	02/01/25	
Toluene	ND	0.0250	1	01/31/25	02/01/25	
o-Xylene	ND	0.0250	1	01/31/25	02/01/25	
p,m-Xylene	ND	0.0500	1	01/31/25	02/01/25	
Total Xylenes	ND	0.0250	1	01/31/25	02/01/25	
Surrogate: Bromofluorobenzene		97.7 %	70-130	01/31/25	02/01/25	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130	01/31/25	02/01/25	
Surrogate: Toluene-d8		95.0 %	70-130	01/31/25	02/01/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: SL		Batch: 2505137
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/31/25	02/01/25	
Surrogate: Bromofluorobenzene		97.7 %	70-130	01/31/25	02/01/25	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130	01/31/25	02/01/25	
Surrogate: Toluene-d8		95.0 %	70-130	01/31/25	02/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: NV		Batch: 2505145
Diesel Range Organics (C10-C28)	ND	25.0	1	01/31/25	02/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/31/25	02/01/25	
Surrogate: n-Nonane		106 %	61-141	01/31/25	02/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: JM		Batch: 2505154
Chloride	16700	200	10	01/31/25	01/31/25	

Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/5/2025 3:50:44PM

PH04-7' E501236-10

		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: SL		Batch: 2505137
Benzene	ND	0.0250	1	01/31/25	02/01/25	
Ethylbenzene	ND	0.0250	1	01/31/25	02/01/25	
Toluene	ND	0.0250	1	01/31/25	02/01/25	
o-Xylene	ND	0.0250	1	01/31/25	02/01/25	
p,m-Xylene	ND	0.0500	1	01/31/25	02/01/25	
Total Xylenes	ND	0.0250	1	01/31/25	02/01/25	
Surrogate: Bromofluorobenzene		94.4 %	70-130	01/31/25	02/01/25	
Surrogate: 1,2-Dichloroethane-d4		94.3 %	70-130	01/31/25	02/01/25	
Surrogate: Toluene-d8		95.4 %	70-130	01/31/25	02/01/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: SL		Batch: 2505137
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/31/25	02/01/25	
Surrogate: Bromofluorobenzene		94.4 %	70-130	01/31/25	02/01/25	
Surrogate: 1,2-Dichloroethane-d4		94.3 %	70-130	01/31/25	02/01/25	
Surrogate: Toluene-d8		95.4 %	70-130	01/31/25	02/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: NV		Batch: 2505145
Diesel Range Organics (C10-C28)	ND	25.0	1	01/31/25	02/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/31/25	02/01/25	
Surrogate: n-Nonane		107 %	61-141	01/31/25	02/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: JM		Batch: 2505154
Chloride	15700	200	10	01/31/25	01/31/25	

Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/5/2025 3:50:44PM

PH04-9' E501236-11

Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
				Analyst		7 Haryzea	Batch: 2505137
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Allalyst		02/01/25	Batch: 2303137
Benzene	ND	0.0250		1	01/31/25	02/01/25	
Ethylbenzene	ND	0.0250		1	01/31/25	02/01/25	
Toluene	ND	0.0250		1	01/31/25	02/01/25	
o-Xylene	ND	0.0250		1	01/31/25	02/01/25	
p,m-Xylene	ND	0.0500		1	01/31/25	02/01/25	
Total Xylenes	ND	0.0250		1	01/31/25	02/01/25	
Surrogate: Bromofluorobenzene		94.5 %	70-130		01/31/25	02/01/25	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130		01/31/25	02/01/25	
Surrogate: Toluene-d8		98.3 %	70-130		01/31/25	02/01/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: SL		Batch: 2505137
Gasoline Range Organics (C6-C10)	ND	20.0		1	01/31/25	02/01/25	
Surrogate: Bromofluorobenzene		94.5 %	70-130		01/31/25	02/01/25	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130		01/31/25	02/01/25	
Surrogate: Toluene-d8		98.3 %	70-130		01/31/25	02/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2505145
Diesel Range Organics (C10-C28)	ND	25.0		1	01/31/25	02/01/25	
Oil Range Organics (C28-C36)	ND	50.0		1	01/31/25	02/01/25	
Surrogate: n-Nonane		107 %	61-141		01/31/25	02/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: JM		Batch: 2505154
Chloride	6730	100		5	01/31/25	01/31/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/5/2025 3:50:44PM

PH04-11' E501236-12

		2001200 12				
Analyte	Result	Reporting Limit	Dilutio	on Prepared	Analyzed	Notes
	mg/kg	mg/kg		nalyst: SL	111111, 200	Batch: 2505137
Volatile Organic Compounds by EPA 8260B	ND	0.0250	1	01/31/25	02/01/25	Batch. 2303137
Benzene	ND ND	0.0250	1	01/31/25	02/01/25	
Ethylbenzene	ND ND	0.0250	1	01/31/25	02/01/25	
Toluene	ND ND	0.0250	1	01/31/25	02/01/25	
o-Xylene	ND ND	0.0230	1	01/31/25	02/01/25	
p,m-Xylene	ND ND	0.0300	1	01/31/25	02/01/25	
Total Xylenes	ND					
Surrogate: Bromofluorobenzene		94.8 %	70-130	01/31/25	02/01/25	
Surrogate: 1,2-Dichloroethane-d4		97.6 %	70-130	01/31/25	02/01/25	
Surrogate: Toluene-d8		95.0 %	70-130	01/31/25	02/01/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: SL		Batch: 2505137
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/31/25	02/01/25	
Surrogate: Bromofluorobenzene		94.8 %	70-130	01/31/25	02/01/25	
Surrogate: 1,2-Dichloroethane-d4		97.6 %	70-130	01/31/25	02/01/25	
Surrogate: Toluene-d8		95.0 %	70-130	01/31/25	02/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: NV		Batch: 2505145
Diesel Range Organics (C10-C28)	ND	25.0	1	01/31/25	02/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/31/25	02/01/25	
Surrogate: n-Nonane		109 %	61-141	01/31/25	02/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: JM		Batch: 2505154
Chloride	362	20.0	1	01/31/25	01/31/25	•



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/5/2025 3:50:44PM

PH07-0' E501236-13

		1001200 10					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Allalyte			Dili		•	Anaryzeu	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	SL		Batch: 2505137
Benzene	ND	0.0250		1	01/31/25	02/01/25	
Ethylbenzene	ND	0.0250		1	01/31/25	02/01/25	
Toluene	ND	0.0250		1	01/31/25	02/01/25	
o-Xylene	ND	0.0250		1	01/31/25	02/01/25	
p,m-Xylene	ND	0.0500		1	01/31/25	02/01/25	
Total Xylenes	ND	0.0250		1	01/31/25	02/01/25	
Surrogate: Bromofluorobenzene		92.8 %	70-130		01/31/25	02/01/25	
Surrogate: 1,2-Dichloroethane-d4		94.7 %	70-130		01/31/25	02/01/25	
Surrogate: Toluene-d8		94.8 %	70-130		01/31/25	02/01/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	SL		Batch: 2505137
Gasoline Range Organics (C6-C10)	ND	20.0		1	01/31/25	02/01/25	
Surrogate: Bromofluorobenzene		92.8 %	70-130		01/31/25	02/01/25	
Surrogate: 1,2-Dichloroethane-d4		94.7 %	70-130		01/31/25	02/01/25	
Surrogate: Toluene-d8		94.8 %	70-130		01/31/25	02/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2505145
Diesel Range Organics (C10-C28)	ND	25.0		1	01/31/25	02/01/25	_
Oil Range Organics (C28-C36)	ND	50.0		1	01/31/25	02/01/25	
Surrogate: n-Nonane		104 %	61-141		01/31/25	02/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	JM		Batch: 2505154
Chloride	712	20.0		1	01/31/25	01/31/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/5/2025 3:50:44PM

PH07-2'

		E501236-14					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: SL		Batch: 2505137
Benzene	ND	0.0250		1	01/31/25	02/01/25	
Ethylbenzene	ND	0.0250		1	01/31/25	02/01/25	
Toluene	ND	0.0250		1	01/31/25	02/01/25	
o-Xylene	ND	0.0250		1	01/31/25	02/01/25	
p,m-Xylene	ND	0.0500		1	01/31/25	02/01/25	
Total Xylenes	ND	0.0250		1	01/31/25	02/01/25	
Surrogate: Bromofluorobenzene		94.3 %	70-130		01/31/25	02/01/25	
Surrogate: 1,2-Dichloroethane-d4		95.6 %	70-130		01/31/25	02/01/25	
Surrogate: Toluene-d8		94.4 %	70-130		01/31/25	02/01/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: SL		Batch: 2505137
Gasoline Range Organics (C6-C10)	ND	20.0		1	01/31/25	02/01/25	
Surrogate: Bromofluorobenzene		94.3 %	70-130		01/31/25	02/01/25	
Surrogate: 1,2-Dichloroethane-d4		95.6 %	70-130		01/31/25	02/01/25	
Surrogate: Toluene-d8		94.4 %	70-130		01/31/25	02/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2505145
Diesel Range Organics (C10-C28)	ND	25.0		1	01/31/25	02/01/25	
Oil Range Organics (C28-C36)	ND	50.0		1	01/31/25	02/01/25	
Surrogate: n-Nonane		105 %	61-141		01/31/25	02/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: JM		Batch: 2505154
Chloride	1310	20.0		1	01/31/25	01/31/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/5/2025 3:50:44PM

PH07-4' E501236-15

		1201200 10				
Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
				analyst: SL	Tinaryzoa	Batch: 2505137
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		-	00/04/05	Batch: 2303137
Benzene	ND	0.0250	1	01/31/25	02/01/25	
Ethylbenzene	ND	0.0250	1	01/31/25	02/01/25	
Toluene	ND	0.0250	1	01/31/25	02/01/25	
o-Xylene	ND	0.0250	1	01/31/25	02/01/25	
p,m-Xylene	ND	0.0500	1	01/31/25	02/01/25	
Total Xylenes	ND	0.0250	1	01/31/25	02/01/25	
Surrogate: Bromofluorobenzene		94.0 %	70-130	01/31/25	02/01/25	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130	01/31/25	02/01/25	
Surrogate: Toluene-d8		96.6 %	70-130	01/31/25	02/01/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: SL		Batch: 2505137
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/31/25	02/01/25	
Surrogate: Bromofluorobenzene		94.0 %	70-130	01/31/25	02/01/25	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130	01/31/25	02/01/25	
Surrogate: Toluene-d8		96.6 %	70-130	01/31/25	02/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: NV		Batch: 2505145
Diesel Range Organics (C10-C28)	ND	25.0	1	01/31/25	02/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/31/25	02/01/25	
Surrogate: n-Nonane		99.8 %	61-141	01/31/25	02/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	analyst: JM		Batch: 2505154
Chloride	3570	40.0	2	01/31/25	01/31/25	

Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/5/2025 3:50:44PM

PH07-6' E501236-16

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: SL		Batch: 2505137
Benzene	ND	0.0250	1	01/31/25	02/01/25	
Ethylbenzene	ND	0.0250	1	01/31/25	02/01/25	
Toluene	ND	0.0250	1	01/31/25	02/01/25	
o-Xylene	ND	0.0250	1	01/31/25	02/01/25	
p,m-Xylene	ND	0.0500	1	01/31/25	02/01/25	
Total Xylenes	ND	0.0250	1	01/31/25	02/01/25	
Surrogate: Bromofluorobenzene		96.6 %	70-130	01/31/25	02/01/25	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130	01/31/25	02/01/25	
Surrogate: Toluene-d8		94.7 %	70-130	01/31/25	02/01/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: SL		Batch: 2505137
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/31/25	02/01/25	
Surrogate: Bromofluorobenzene		96.6 %	70-130	01/31/25	02/01/25	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130	01/31/25	02/01/25	
Surrogate: Toluene-d8		94.7 %	70-130	01/31/25	02/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: NV		Batch: 2505145
Diesel Range Organics (C10-C28)	ND	25.0	1	01/31/25	02/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/31/25	02/01/25	
Surrogate: n-Nonane		101 %	61-141	01/31/25	02/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: JM		Batch: 2505154
Chloride	13100	200	10	01/31/25	01/31/25	

Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/5/2025 3:50:44PM

PH07-8'

		E501236-17					
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: SL		Batch: 2505137
Benzene	ND	0.0250		1	01/31/25	02/01/25	
Ethylbenzene	ND	0.0250		1	01/31/25	02/01/25	
Toluene	ND	0.0250		1	01/31/25	02/01/25	
o-Xylene	ND	0.0250		1	01/31/25	02/01/25	
p,m-Xylene	ND	0.0500		1	01/31/25	02/01/25	
Total Xylenes	ND	0.0250		1	01/31/25	02/01/25	
Surrogate: Bromofluorobenzene		96.3 %	70-130		01/31/25	02/01/25	
Surrogate: 1,2-Dichloroethane-d4		98.3 %	70-130		01/31/25	02/01/25	
Surrogate: Toluene-d8		96.9 %	70-130		01/31/25	02/01/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: SL		Batch: 2505137
Gasoline Range Organics (C6-C10)	ND	20.0		1	01/31/25	02/01/25	
Surrogate: Bromofluorobenzene		96.3 %	70-130		01/31/25	02/01/25	
Surrogate: 1,2-Dichloroethane-d4		98.3 %	70-130		01/31/25	02/01/25	
Surrogate: Toluene-d8		96.9 %	70-130		01/31/25	02/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2505145
Diesel Range Organics (C10-C28)	ND	25.0		1	01/31/25	02/01/25	
Oil Range Organics (C28-C36)	ND	50.0		1	01/31/25	02/01/25	
Surrogate: n-Nonane	·	101 %	61-141		01/31/25	02/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: JM		Batch: 2505154
Chloride	7690	200	1	10	01/31/25	02/01/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/5/2025 3:50:44PM

PH07-10' E501236-18

		2001200 10				
Analyte	Result	Reporting Limit	Dilutio	on Prepared	Analyzed	Notes
	mg/kg	mg/kg		nalyst: SL	111111,200	Batch: 2505137
Volatile Organic Compounds by EPA 8260B	ND	0.0250	1	01/31/25	02/01/25	Batch. 2303137
Benzene	ND ND	0.0250	1	01/31/25	02/01/25	
Ethylbenzene	ND ND	0.0250	1	01/31/25	02/01/25	
Toluene			1	01/31/25	02/01/25	
o-Xylene	ND	0.0250	1	01/31/25	02/01/25	
p,m-Xylene	ND	0.0500	1	01/31/25		
Total Xylenes	ND	0.0250	1	01/31/23	02/01/25	
Surrogate: Bromofluorobenzene		93.1 %	70-130	01/31/25	02/01/25	
Surrogate: 1,2-Dichloroethane-d4		92.1 %	70-130	01/31/25	02/01/25	
Surrogate: Toluene-d8		93.7 %	70-130	01/31/25	02/01/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: SL		Batch: 2505137
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/31/25	02/01/25	
Surrogate: Bromofluorobenzene		93.1 %	70-130	01/31/25	02/01/25	
Surrogate: 1,2-Dichloroethane-d4		92.1 %	70-130	01/31/25	02/01/25	
Surrogate: Toluene-d8		93.7 %	70-130	01/31/25	02/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ai	nalyst: NV		Batch: 2505145
Diesel Range Organics (C10-C28)	ND	25.0	1	01/31/25	02/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/31/25	02/01/25	
Surrogate: n-Nonane		105 %	61-141	01/31/25	02/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ai	nalyst: JM		Batch: 2505154
Chloride	1110	20.0	1	01/31/25	02/01/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/5/2025 3:50:44PM

PH03-2' E501236-19

Dagult	Reporting	Dily	ntion.	Duamanad	Amalyzad	Notes
Resuit	Limit	Dilu	шоп	rrepared	Anaryzeu	Notes
mg/kg	mg/kg		Analyst:	SL		Batch: 2505137
ND	0.0250	1	1	01/31/25	02/01/25	
ND	0.0250	1	1	01/31/25	02/01/25	
ND	0.0250	1	1	01/31/25	02/01/25	
ND	0.0250	1	1	01/31/25	02/01/25	
ND	0.0500	1	1	01/31/25	02/01/25	
ND	0.0250	1	1	01/31/25	02/01/25	
	93.6 %	70-130		01/31/25	02/01/25	
	92.9 %	70-130		01/31/25	02/01/25	
	94.6 %	70-130		01/31/25	02/01/25	
mg/kg	mg/kg		Analyst:	SL		Batch: 2505137
ND	20.0	1	1	01/31/25	02/01/25	
	93.6 %	70-130		01/31/25	02/01/25	
	92.9 %	70-130		01/31/25	02/01/25	
	94.6 %	70-130		01/31/25	02/01/25	
mg/kg	mg/kg		Analyst:	NV		Batch: 2505145
ND	25.0	1	1	01/31/25	02/01/25	
ND	50.0	1	1	01/31/25	02/01/25	
	104 %	61-141		01/31/25	02/01/25	
				77.6		2505154
mg/kg	mg/kg		Analyst:	JM		Batch: 2505154
	ND	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 93.6 % 92.9 % 94.6 % 94.6 % mg/kg mg/kg ND 20.0 mg/kg mg/kg ND 25.0 ND 50.0	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 93.6 % 70-130 92.9 % 70-130 94.6 % 70-130 92.9 % 70-130 92.9 % 70-130 94.6 % 70-130 94.6 % 70-130 mg/kg mg/kg ND 25.0 ND 50.0	mg/kg mg/kg Analyst: ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 93.6 % 70-130 92.9 % 70-130 94.6 % 70-130 mg/kg mg/kg Analyst: ND 20.0 1 92.9 % 70-130 70-130 92.9 % 70-130 70-130 mg/kg mg/kg Analyst: ND 25.0 1 ND 50.0 1	mg/kg mg/kg Analyst: SL ND 0.0250 1 01/31/25 ND 0.0250 1 01/31/25 ND 0.0250 1 01/31/25 ND 0.0250 1 01/31/25 ND 0.0500 1 01/31/25 ND 0.0250 1 01/31/25 92.9 % 70-130 01/31/25 92.9 % 70-130 01/31/25 94.6 % 70-130 01/31/25 MD 20.0 1 01/31/25 92.9 % 70-130 01/31/25 92.9 % 70-130 01/31/25 92.9 % 70-130 01/31/25 94.6 % 70-130 01/31/25 94.6 % 70-130 01/31/25 94.6 % 70-130 01/31/25 94.6 % 70-130 01/31/25 ND 25.0 1 01/31/25 ND 50.0 1 01/31/25	mg/kg mg/kg Analyst: SL ND 0.0250 1 01/31/25 02/01/25 ND 0.0500 1 01/31/25 02/01/25 ND 0.0250 1 01/31/25 02/01/25 ND 0.0250 1 01/31/25 02/01/25 93.6 % 70-130 01/31/25 02/01/25 92.9 % 70-130 01/31/25 02/01/25 mg/kg mg/kg Analyst: SL ND 20.0 1 01/31/25 02/01/25 92.9 % 70-130 01/31/25 02/01/25 92.9 % 70-130 01/31/25 02/01/25 92.9 % 70-130 01/31/25 02/01/25 94.6 % 70-130 01/31/25 02/01/25 mg/kg mg/kg Analy



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/5/2025 3:50:44PM

PH03-4' E501236-20

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: SL	Batch: 2505137	
Benzene	ND	0.0250	1	01/31/25	02/01/25	
Ethylbenzene	ND	0.0250	1	01/31/25	02/01/25	
Toluene	ND	0.0250	1	01/31/25	02/01/25	
o-Xylene	ND	0.0250	1	01/31/25	02/01/25	
p,m-Xylene	ND	0.0500	1	01/31/25	02/01/25	
Total Xylenes	ND	0.0250	1	01/31/25	02/01/25	
Surrogate: Bromofluorobenzene		96.3 %	70-130	01/31/25	02/01/25	
Surrogate: 1,2-Dichloroethane-d4		94.5 %	70-130	01/31/25	02/01/25	
Surrogate: Toluene-d8		97.8 %	70-130	01/31/25	02/01/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	Analyst: SL		Batch: 2505137
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/31/25	02/01/25	
Surrogate: Bromofluorobenzene		96.3 %	70-130	01/31/25	02/01/25	
Surrogate: 1,2-Dichloroethane-d4		94.5 %	70-130	01/31/25	02/01/25	
Surrogate: Toluene-d8		97.8 %	70-130	01/31/25	02/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: NV		Batch: 2505145
Diesel Range Organics (C10-C28)	ND	25.0	1	01/31/25	02/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/31/25	02/01/25	
Surrogate: n-Nonane		105 %	61-141	01/31/25	02/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	Analyst: JM		Batch: 2505154
Chloride	258	20.0	1	01/31/25	02/01/25	

TGR Pipeline Spill Devon Energy - Carlsbad Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Ashley Giovengo 2/5/2025 3:50:44PM **Volatile Organic Compounds by EPA 8260B** Analyst: SL Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2505137-BLK1) Prepared: 01/31/25 Analyzed: 02/03/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 ND 0.0250 Total Xylenes Surrogate: Bromofluorobenzene 0.471 0.500 94.2 70-130 Surrogate: 1,2-Dichloroethane-d4 0.464 0.500 92.7 70-130 0.500 94.4 70-130 Surrogate: Toluene-d8 0.472 LCS (2505137-BS1) Prepared: 01/31/25 Analyzed: 02/03/25 2.33 0.0250 2.50 93.4 70-130 Benzene 2.50 89.5 70-130 2.24 Ethylbenzene 0.0250 2.18 0.0250 2.50 87.2 70-130 70-130 2.16 0.0250 2.50 86.3 o-Xylene 4.33 5.00 86.6 70-130 p,m-Xylene 0.0500 6.49 0.0250 7.50 86.5 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.476 0.500 95.2 70-130 0.500 94.9 70-130 Surrogate: 1,2-Dichloroethane-d4 0.475 70-130 Surrogate: Toluene-d8 0.462 0.500 Matrix Spike (2505137-MS1) Source: E501236-03 Prepared: 01/31/25 Analyzed: 02/03/25 2.51 0.0250 2.50 ND 48-131 45-135 Ethylbenzene 2.43 0.0250 2.50 ND 97.0 48-130 Toluene 2.41 0.0250 2.50 ND 96.6 2.38 0.0250 2.50 ND 95.2 43-135 o-Xylene 4.76 ND 95.2 43-135 p,m-Xylene 0.0500 5.00 Total Xylenes 7.14 0.0250 7.50 ND 95.2 43-135 0.476 0.500 95.1 70-130 Surrogate: Bromofluorobenzene 0.500 95.7 70-130 Surrogate: 1,2-Dichloroethane-d4 0.479 0.500 70-130 0.473 94.5 Surrogate: Toluene-d8 Matrix Spike Dup (2505137-MSD1) Source: E501236-03 Prepared: 01/31/25 Analyzed: 02/03/25 2.44 0.0250 2.50 ND 97.5 48-131 2.95 23 2.36 0.0250 2.50 ND 94.4 45-135 2.80 27 Ethylbenzene ND 93.4 48-130 3.30 24 2.34 2.50 Toluene 0.0250 o-Xylene 2.27 0.0250 2.50 ND 90.8 43-135 4.73 27 5.00 ND 91.5 43-135 4.03 27 4.57 p,m-Xylene 0.0500 27 6.84 0.0250 7.50 ND 91.3 43-135 4.26 Total Xylenes



0.500

0.500

0.500

95.1

96.5

70-130

70-130

70-130

Surrogate: Bromofluorobenzene

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

0.476

0.483

0.474

Devon Energy - CarlsbadProject Name:TGR Pipeline SpillReported:6488 7 Rivers HwyProject Number:01058-0007Artesia NM, 88210Project Manager:Ashley Giovengo2/5/2025 3:50:44PM

NT 1 1 4	10 .	I DDA	00150	CDO
Nonhalogenate	a Organics	DVEPA	るいしつし) -	CTKU

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2505137-BLK1)						I	Prepared: 0	1/31/25 Anal	yzed: 02/03/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.471		0.500		94.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.464		0.500		92.7	70-130			
Surrogate: Toluene-d8	0.472		0.500		94.4	70-130			
LCS (2505137-BS2)						I	Prepared: 0	1/31/25 Anal	yzed: 02/03/25

Gasoline Range Organics (C6-C10)	54.2	20.0	50.0	108 7	0-130
Surrogate: Bromofluorobenzene	0.472		0.500	94.3 7	0-130
Surrogate: 1,2-Dichloroethane-d4	0.475		0.500	94.9 7	0-130
Surrogate: Toluene-d8	0.483		0.500	96.5 7	0-130

Matrix Spike (2505137-MS2)				Source:	E501236-0)3	Prepared: 01/31/25 Analyzed: 02/03/25
Gasoline Range Organics (C6-C10)	52.8	20.0	50.0	ND	106	70-130	
Surrogate: Bromofluorobenzene	0.487		0.500		97.3	70-130	
Surrogate: 1,2-Dichloroethane-d4	0.471		0.500		94.1	70-130	
Surrogate: Toluene-d8	0.485		0.500		96.9	70-130	

Matrix Spike Dup (2505137-MSD2)			Source: E501236-03			Prepared: 01/31/25 Analyzed: 02/03/25		
Gasoline Range Organics (C6-C10)	51.1	20.0	50.0	ND	102	70-130	3.23	20
Surrogate: Bromofluorobenzene	0.470		0.500		93.9	70-130		
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.6	70-130		
Surrogate: Toluene-d8	0.468		0.500		93.5	70-130		

Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	-
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/5/2025 3:50:44PM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go				2/5/2025 3:50:44PM		
	Nonha	logenated Or	ganics by l	EPA 8015I	D - DRO	/ORO		Analyst: NV			
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2505145-BLK1)							Prepared: 0	1/31/25 A	nalyzed: 02/01/25		
Diesel Range Organics (C10-C28)	ND	25.0									
Dil Range Organics (C28-C36)	ND	50.0									
urrogate: n-Nonane	53.6		50.0		107	61-141					
LCS (2505145-BS1)							Prepared: 0	1/31/25 A	nalyzed: 02/01/25		
Diesel Range Organics (C10-C28)	213	25.0	250		85.0	66-144					
urrogate: n-Nonane	51.0		50.0		102	61-141					
Matrix Spike (2505145-MS1)				Source:	E501236-0	08	Prepared: 0	1/31/25 A	nalyzed: 02/01/25		
Diesel Range Organics (C10-C28)	229	25.0	250	ND	91.7	56-156					
urrogate: n-Nonane	54.8		50.0		110	61-141					
Matrix Spike Dup (2505145-MSD1)				Source:	E501236-0	08	Prepared: 0	1/31/25 A	nalyzed: 02/01/25		
Diesel Range Organics (C10-C28)	223	25.0	250	ND	89.4	56-156	2.56	20			
'urrogate: n-Nonane	53.1		50.0		106	61-141					



Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		GR Pipeline S	pill				Reported:
Artesia NM, 88210		Project Manager		shley Gioveng	go				2/5/2025 3:50:44PM
		Anions	by EPA 3	00.0/9056	A				Analyst: JM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2505154-BLK1)							Prepared: 0	1/31/25	Analyzed: 01/31/25
Chloride	ND	20.0							
LCS (2505154-BS1)							Prepared: 0	1/31/25	Analyzed: 01/31/25
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2505154-MS1)				Source:	E501236-0)6	Prepared: 0	1/31/25	Analyzed: 01/31/25
Chloride	365	20.0	250	131	93.7	80-120			
Matrix Spike Dup (2505154-MSD1)				Source:	E501236-0)6	Prepared: 0	1/31/25	Analyzed: 01/31/25
Chloride	382	20.0	250	131	101	80-120	4.65	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:	TGR Pipeline Spill	
-	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
-	Artesia NM, 88210	Project Manager:	Ashley Giovengo	02/05/25 15:50

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

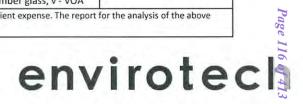
Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



	Page	1	of	2 Rec
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				AM

	Clie	nt Inforn	nation			Invoice Informat	ion				La	b Us	e Or	ly				TA	AT			Stat	e
Client: D	evon				Co	ompany: Devon		L	ab W	VO#			Job	Num	ber		1D	2D	3D S	Std	NM	CO UT	TX
	TGR Pipeline	Spill			Ad	ddress: 5315 Buena Vista I	Dr		E50	DVZ	234			58		To			>	_	X		
Project N	/lanager: As	hley Giov	engo/		Ci	ty, State, Zip: Carlsbad NN	1, 88220																
Address:	3122 Natio	nal Parks	Hwy		Pho	one: (575)689-7597				- 10			Ana	lysis	and	Met	hod				EP	A Progra	am
City, Stat	e, Zip: Carls	bad NM,	88220		En	nail: jim.raley@dvn.com									11						SDWA	CWA	RCRA
Phone: 5	575-988-005	5				cellaneous: Jim Raley																	
	giovengo@e		om					- 1		S	LO			4			K 1				Complianc	e Y	or N
										801	801			0			2				PWSID#		
				Sam	ple Informati	on				O by	to by	8021	8260	300.	N.	XT-20	Meta						
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID	Field	Lab Numb)	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals					Remarks	i i
77	1/29/2025		CONTENICIO	-		DUO1 OI	ш и	Numi	ber	ā	Ü	18	×	Ò	BG	10	R		-				
10:29	1/29/2025	S	1			PH01 - 0'		1							X								
10:36	1/29/2025	S	1			PH01 - 2'		2	,						X								
10:57	1/29/2025	S	1			PH01 - 4'		3							Х								
11:04	1/29/2025	S	1			PH01 - 6'		4							Х								
11:13	1/29/2025	S	1			PH01 - 7'		5							х								
11:27	1/29/2025	S	1			PH01 - 8'		6							х								
11:54	1/29/2025	s	1			PH02 - 2'		7							х								
12:18	1/29/2025	S	1			PH02 - 4'		8							х								
12:36	1/29/2025	S	1		11	PH04 - 5'		9							х								
12:46	1/29/2025	S	1			PH04 - 7'		10							х								
Addition	al Instructio	ns. Ple	ase CC. (hurton@e	nsolum com	, agiovengo@ensolum.com	n iim ralev			ies	trell	a@e	ensol	um d	om	hde	al@e	nsol	um cl	nam	ilton@en	solum (om
	ns@ensolum					a Brosser Back and a street	.,,,,	C		,					,				,			44.00	
			d authentici	ty of this samp	le. I am aware tha	at tampering with or intentionally mi	slabeling the sa	mple loca	ation, d	date o	or time	e of co	llectio	n is co	nsidere	ed frau	d and	may b	e ground	is for	legal action.		
Sampled by	Bowan Simmons																						
Relinquish	ed by: (Signatu	re)	Dat	e	Time	Received by: (Signature)	n Date		T	Time	F-16-				Sampl	es requ	iring the	ermal p	reservation	on mu	st be received	on ice the da	y they are
10	93		1/	30/25	10:30	Received by: (Signature)	ales 1	302	5	10	03	0				ed or re		packed	in ice at a	an avg	temp above 0	but less than	.6 °C on
	ed by (Signato		les Dat	30.72	1630	Received by (Signature)	Date	30.	3	Time	16	30					d on i	ce:	Lal		e Only		
Relinquish	ed by: (Signatu	re)	Dat	30.25	2330		Date I-3	31-2=	5	O S	530	0			<u>T1</u>				<u>T2</u>			T3	
Kelinquish	ed by: (Signatu	re)	Dat	e	Time	Received by: (Signature)	Date		1	Time					AVG	i Ten	np °C	·	1				
Sample Mat	rix: S - Soil, Sd - S	olid, Sg - Slu	dge, A - Aqu	eous, 0 - Othe	er		Con	tainer	Type:	g - 8	glass,	p - p	oly/	olasti	c, ag	- aml	oer gl	ass, v	- VOA				
						arrangements are made. Hazar										e clier	nt exp	ense.	The rep	ort f	for the anal	sis of the	above
samples is	applicable only	to those s	amples re	ceived by the	laboratory with	this COC. The liability of the lab	oratory is lim	ited to t	he an	noun	t paid	for o	n the	repor	t.								





	Clie	nt Inform	nation				Invo	oice Inf	formation					Lab U	se Or	nly				TAT			Stat	te
Client: D	evon				Co	mpany:	Dev	von			(ab WC)#		Job	Num	ber		1D	2D 3	D Std	NM	CO UT	TX
	TGR Pipeline	Spill			Ad	dress:	5315	Buena	Vista Dr			E 50	23	ما	ol	558	-00	07			X	X		
Project N	Manager: Asl	hley Giov	engo		Cit	y, State	, Zip:	: Carlst	bad NM, 88	3220	_													
Address:	3122 Nation	nal Parks	Hwy		Pho	ne: (57	75)68	39-7597	1						Ana	alysis	and	Met	hod			EP	A Progr	am
City, Stat	e, Zip: Carls	bad NM,	88220		Em	ail: jim	n.rale	y@dvn	.com													SDWA	CWA	RCRA
Phone:	75-988-005	5			Miso	cellane	ous: J	lim Rale	ey															1
Email: a	giovengo@e	nsolum.c	om									210	115									Compliand	e Y	or N
												28	N 80	21	00	0.00	Σ	X	tals			PWSID#		
				Sample	Informatio	on					J	- G	ORC	y 80	y 82	de 30	C-N	- 500	8 Me		110		Remark	
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample	ID			Field	Lal Num	p ber 80	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				Kemark	5
12:56	1/29/2025	S	1		PH04 - 9'		11						Х							Page te TX ram RCRA or _N				
13:09	1/29/2025	S	1		PH04 - 11'		12						х											
13:27	1/29/2025	S	1		PH07 - 0'		13						х											
13:38	1/29/2025	S	1		PH07 - 2'			IL	1					х										
13:41	1/29/2025	S	1		PH07 - 4'			[Z	5					х										
13:55	1/29/2025	S	1		PH07 - 6'			h	0	T				х										
14:10	1/29/2025	S	1		11	PH07 -	8'				1-	1					Х							
14:28	1/29/2025	S	1			PH07 -	10'				19	3					х							
14:42	1/29/2025	S	1			PH03 -	- 2'				10		t				х							
14:50	1/29/2025	S	1			PH03 -	4'			1	2	0			1		х	W						
Addition	al Instructio	nc. Dlo	ase CC: ch	urton@ensc	olum com	agiove	ทธดติ	Densol	um com ii	m rale			iestr	ella@	enso	lum	com.	bde	al@e	nsolur	m. char	nilton@er	solum.	com.
	ns@ensolum		asc cc. cc	ur tone chise	nanneom,	иБюче	II BOG	Chison	u, j.		, C												.5500000	
, (field sam	oler), attest to the	e validity an	d authenticity	of this sample. I	am aware that	t tamperin	ng with	or intenti	ionally mislabe	ling the sa	ample loc	ation, da	te or t	ime of c	ollectio	on is co	nsider	ed frau	id and	may be g	grounds fo	r legal action.		
Sampled by	Bowan Simmons	s																						
Relinquish	ed by: (Signatu	re)	Date	30/25 Tim	030	Mic	deby:	Signatur (e G	e) onsal	es l-	30:2	S Tin	10	30			sampl		ceived			ust be received g temp above 0		
Hirauish	ed W (Signatu	agast.	Date	30:25 Tim				(Signatur		Date		Tin	16	30					d on i	ce:	Lab U	se Only N		
Relinquish	ed by: (Signatu	re)	Date	30.25 Tim		Regeive	ed by: ((Signatur	e)	Date		Tin) 5	30			T1			Ī	Г2		T3	
Relinquish	ed by: (Signatu	re)	Date	Tim	e	Receive	d by: ((Signatur	re)	Date		Tin					AVC	i Ter	np °C	4				
		iolid, Sg - Slu				1				- 1		-	-1-			-1				ass, v -	VANA	1		



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envirotech Inc.

Printed: 1/31/2025 9:44:11AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	01/31/25	05:30		Work Order ID:	E501236
Phone:	(505) 382-1211	Date Logged In:	01/30/25	16:18		Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	02/06/25	17:00 (4 day TAT)			
Chain of	Custody (COC)						
1. Does tl	ne sample ID match the COC?		Yes				
2. Does tl	ne number of samples per sampling site location man	tch the COC	Yes				
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: <u>C</u>	Courier_		
4. Was th	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes				
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssi		Yes			<u>Comments</u>	s/Resolution
Sample T	Turn Around Time (TAT)						
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes				
Sample (
7. Was a	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was th	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes	, were custody/security seals intact?		NA				
	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes				
	•	temperature. 4	<u>C</u>				
	Container queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers'	2	Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field Lal	** *	iers conceteu:	103				
	field sample labels filled out with the minimum info	ormation:					
	ample ID?	THREETOIL.	Yes				
	ate/Time Collected?		Yes				
C	ollectors name?		No				
Sample I	<u>Preservation</u>						
21. Does	the COC or field labels indicate the samples were pr	reserved?	No				
	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved n	netals?	No				
Multipha	se Sample Matrix						
26. Does	the sample have more than one phase, i.e., multipha	se?	No				
27. If yes	, does the COC specify which phase(s) is to be analy	zed?	NA				
Subcontr	act Laboratory						
	amples required to get sent to a subcontract laborato	ry?	No				
	subcontract laboratory specified by the client and it	•	NA	Subcontract Lab	: NA		
	nstruction						
<u>eneme 11</u>	ion uction						

Date

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

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: TGR Pipeline Spill

Work Order: E502046

Job Number: 01058-0007

Received: 2/6/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 2/11/25

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

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

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

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

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

Date Reported: 2/11/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: TGR Pipeline Spill

Workorder: E502046

Date Received: 2/6/2025 6:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/6/2025 6:00:00AM, under the Project Name: TGR Pipeline Spill.

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

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

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

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Client Representative

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Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	Donoutoda
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	02/11/25 10:01

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
PH05-0'	E502046-01A	Soil	02/04/25	02/06/25	Glass Jar, 2 oz.
PH05-1'	E502046-02A	Soil	02/04/25	02/06/25	Glass Jar, 2 oz.
PH05-3'	E502046-03A	Soil	02/04/25	02/06/25	Glass Jar, 2 oz.
PH05-5'	E502046-04A	Soil	02/04/25	02/06/25	Glass Jar, 2 oz.
PH05-7'	E502046-05A	Soil	02/04/25	02/06/25	Glass Jar, 2 oz.
PH05-9'	E502046-06A	Soil	02/04/25	02/06/25	Glass Jar, 2 oz.
PH05-11'	E502046-07A	Soil	02/04/25	02/06/25	Glass Jar, 2 oz.
PH05-13'	E502046-08A	Soil	02/04/25	02/06/25	Glass Jar, 2 oz.
PH06-5'	E502046-09A	Soil	02/04/25	02/06/25	Glass Jar, 2 oz.
PH06-7'	E502046-10A	Soil	02/04/25	02/06/25	Glass Jar, 2 oz.
PH08-7'	E502046-11A	Soil	02/04/25	02/06/25	Glass Jar, 2 oz.
PH08-9'	E502046-12A	Soil	02/04/25	02/06/25	Glass Jar, 2 oz.

Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/11/2025 10:01:02AM

PH05-0' E502046-01

		E502040-01					
Apolyto	Result	Reporting Limit	Dily	ution	Duomonod	Amalyzad	Notes
Analyte	Resuit	Limit	Dill	uuon	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2506090
Benzene	ND	0.0250		1	02/06/25	02/07/25	
Ethylbenzene	ND	0.0250		1	02/06/25	02/07/25	
Toluene	0.108	0.0250		1	02/06/25	02/07/25	
o-Xylene	ND	0.0250		1	02/06/25	02/07/25	
p,m-Xylene	ND	0.0500		1	02/06/25	02/07/25	
Total Xylenes	ND	0.0250		1	02/06/25	02/07/25	
Surrogate: Bromofluorobenzene		95.3 %	70-130		02/06/25	02/07/25	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130		02/06/25	02/07/25	
Surrogate: Toluene-d8		100 %	70-130		02/06/25	02/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2506090
Gasoline Range Organics (C6-C10)	ND	20.0		1	02/06/25	02/07/25	
Surrogate: Bromofluorobenzene		95.3 %	70-130		02/06/25	02/07/25	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130		02/06/25	02/07/25	
Surrogate: Toluene-d8		100 %	70-130		02/06/25	02/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2506100
Diesel Range Organics (C10-C28)	119	25.0		1	02/06/25	02/07/25	
Oil Range Organics (C28-C36)	50.2	50.0		1	02/06/25	02/07/25	
Surrogate: n-Nonane		101 %	61-141		02/06/25	02/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2506096
Chloride	8370	200	1	0	02/06/25	02/06/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/11/2025 10:01:02AM

PH05-1' E502046-02

		E502040-02					
Analyte	Result	Reporting Limit		ıtion	Prepared	Analyzed	Notes
Analyte	Result	Limit	Dilu	шоп	Frepared	Anaryzeu	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2506090
Benzene	ND	0.0250	1	1	02/06/25	02/07/25	
Ethylbenzene	ND	0.0250	1	1	02/06/25	02/07/25	
Toluene	ND	0.0250	1	1	02/06/25	02/07/25	
o-Xylene	ND	0.0250	1	1	02/06/25	02/07/25	
p,m-Xylene	ND	0.0500	1	1	02/06/25	02/07/25	
Total Xylenes	ND	0.0250	1	1	02/06/25	02/07/25	
Surrogate: Bromofluorobenzene		95.2 %	70-130		02/06/25	02/07/25	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130		02/06/25	02/07/25	
Surrogate: Toluene-d8		99.0 %	70-130		02/06/25	02/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2506090
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	02/06/25	02/07/25	
Surrogate: Bromofluorobenzene		95.2 %	70-130		02/06/25	02/07/25	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130		02/06/25	02/07/25	
Surrogate: Toluene-d8		99.0 %	70-130		02/06/25	02/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2506100
Diesel Range Organics (C10-C28)	ND	25.0	1	1	02/06/25	02/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	1	02/06/25	02/07/25	
Surrogate: n-Nonane		101 %	61-141		02/06/25	02/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2506096
Chloride	3250	40.0		2	02/06/25	02/06/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/11/2025 10:01:02AM

PH05-3' E502046-03

		2002010 00					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Analyte	Result	Limit	Dii	ution	Frepared	Allalyzeu	notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RKS		Batch: 2506090
Benzene	ND	0.0250		1	02/06/25	02/07/25	
Ethylbenzene	ND	0.0250		1	02/06/25	02/07/25	
Toluene	ND	0.0250		1	02/06/25	02/07/25	
o-Xylene	ND	0.0250		1	02/06/25	02/07/25	
p,m-Xylene	ND	0.0500		1	02/06/25	02/07/25	
Total Xylenes	ND	0.0250		1	02/06/25	02/07/25	
Surrogate: Bromofluorobenzene		95.4 %	70-130		02/06/25	02/07/25	
Surrogate: 1,2-Dichloroethane-d4		97.7 %	70-130		02/06/25	02/07/25	
Surrogate: Toluene-d8		98.1 %	70-130		02/06/25	02/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2506090
Gasoline Range Organics (C6-C10)	ND	20.0		1	02/06/25	02/07/25	
Surrogate: Bromofluorobenzene		95.4 %	70-130		02/06/25	02/07/25	
Surrogate: 1,2-Dichloroethane-d4		97.7 %	70-130		02/06/25	02/07/25	
Surrogate: Toluene-d8		98.1 %	70-130		02/06/25	02/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2506100
Diesel Range Organics (C10-C28)	ND	25.0		1	02/06/25	02/07/25	
Oil Range Organics (C28-C36)	ND	50.0		1	02/06/25	02/07/25	
Surrogate: n-Nonane		104 %	61-141		02/06/25	02/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2506096
Chloride	4900	100		5	02/06/25	02/06/25	



Devon Energy - CarlsbadProject Name:TGR Pipeline Spill6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo2/11/2025 10:01:02AM

PH05-5'

E502046-04

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: 1	RKS		Batch: 2506090
Benzene	ND	0.0250	1		02/06/25	02/07/25	
Ethylbenzene	ND	0.0250	1		02/06/25	02/07/25	
Toluene	ND	0.0250	1		02/06/25	02/07/25	
o-Xylene	ND	0.0250	1		02/06/25	02/07/25	
p,m-Xylene	ND	0.0500	1		02/06/25	02/07/25	
Total Xylenes	ND	0.0250	1		02/06/25	02/07/25	
Surrogate: Bromofluorobenzene		95.3 %	70-130		02/06/25	02/07/25	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130		02/06/25	02/07/25	
Surrogate: Toluene-d8		98.3 %	70-130		02/06/25	02/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: 1	RKS		Batch: 2506090
Gasoline Range Organics (C6-C10)	ND	20.0	1		02/06/25	02/07/25	
Surrogate: Bromofluorobenzene		95.3 %	70-130		02/06/25	02/07/25	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130		02/06/25	02/07/25	
Surrogate: Toluene-d8		98.3 %	70-130		02/06/25	02/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: 1	NV		Batch: 2506100
Diesel Range Organics (C10-C28)	ND	25.0	1		02/06/25	02/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1		02/06/25	02/07/25	
Surrogate: n-Nonane		105 %	61-141		02/06/25	02/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: 1	DT		Batch: 2506096

Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/11/2025 10:01:02AM

PH05-7'

E502046-05							
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RKS		Batch: 2506090
Benzene	ND	0.0250		1	02/06/25	02/07/25	
Ethylbenzene	ND	0.0250		1	02/06/25	02/07/25	
Toluene	ND	0.0250		1	02/06/25	02/07/25	
o-Xylene	ND	0.0250		1	02/06/25	02/07/25	
p,m-Xylene	ND	0.0500		1	02/06/25	02/07/25	
Total Xylenes	ND	0.0250		1	02/06/25	02/07/25	
Surrogate: Bromofluorobenzene		96.5 %	70-130		02/06/25	02/07/25	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130		02/06/25	02/07/25	
Surrogate: Toluene-d8		97.1 %	70-130		02/06/25	02/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2506090
Gasoline Range Organics (C6-C10)	ND	20.0		1	02/06/25	02/07/25	
Surrogate: Bromofluorobenzene		96.5 %	70-130		02/06/25	02/07/25	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130		02/06/25	02/07/25	
Surrogate: Toluene-d8		97.1 %	70-130		02/06/25	02/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2506100
Diesel Range Organics (C10-C28)	ND	25.0		1	02/06/25	02/07/25	
Oil Range Organics (C28-C36)	ND	50.0		1	02/06/25	02/07/25	
Surrogate: n-Nonane		106 %	61-141		02/06/25	02/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2506096
Chloride	9350	200		10	02/06/25	02/07/25	



Devon Energy - CarlsbadProject Name:TGR Pipeline Spill6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo2/11/2025 10:01:02AM

PH05-9'

E502046-06

		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: RKS		Batch: 2506090
Benzene	ND	0.0250	1	02/06/25	02/07/25	
Ethylbenzene	ND	0.0250	1	02/06/25	02/07/25	
Toluene	ND	0.0250	1	02/06/25	02/07/25	
o-Xylene	ND	0.0250	1	02/06/25	02/07/25	
p,m-Xylene	ND	0.0500	1	02/06/25	02/07/25	
Total Xylenes	ND	0.0250	1	02/06/25	02/07/25	
Surrogate: Bromofluorobenzene		96.6 %	70-130	02/06/25	02/07/25	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-130	02/06/25	02/07/25	
Surrogate: Toluene-d8		99.7 %	70-130	02/06/25	02/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: RKS		Batch: 2506090
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/06/25	02/07/25	
Surrogate: Bromofluorobenzene		96.6 %	70-130	02/06/25	02/07/25	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-130	02/06/25	02/07/25	
Surrogate: Toluene-d8		99.7 %	70-130	02/06/25	02/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: NV		Batch: 2506100
Diesel Range Organics (C10-C28)	ND	25.0	1	02/06/25	02/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/06/25	02/07/25	
Surrogate: n-Nonane		105 %	61-141	02/06/25	02/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: DT		Batch: 2506096
Amons by EFA 500.0/9050A						



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/11/2025 10:01:02AM

PH05-11' E502046-07

.ault	Reporting	D:	lution	Duomonod	Amalyzad	Notes
esuit	Limit	Di	lution	Prepared	Analyzed	Notes
g/kg	mg/kg		Analyst:	RKS		Batch: 2506090
ND	0.0250		1	02/06/25	02/07/25	
ND	0.0250		1	02/06/25	02/07/25	
ND	0.0250		1	02/06/25	02/07/25	
ND	0.0250		1	02/06/25	02/07/25	
ND	0.0500		1	02/06/25	02/07/25	
ND	0.0250		1	02/06/25	02/07/25	
	97.3 %	70-130		02/06/25	02/07/25	
	95.3 %	70-130		02/06/25	02/07/25	
	100 %	70-130		02/06/25	02/07/25	
g/kg	mg/kg		Analyst:	RKS		Batch: 2506090
ND	20.0		1	02/06/25	02/07/25	
	97.3 %	70-130		02/06/25	02/07/25	
	95.3 %	70-130		02/06/25	02/07/25	
	100 %	70-130		02/06/25	02/07/25	
g/kg	mg/kg		Analyst:	NV		Batch: 2506100
ND	25.0		1	02/06/25	02/07/25	
ND	50.0		1	02/06/25	02/07/25	
	105 %	61-141		02/06/25	02/07/25	
g/kg	mg/kg		Analyst:	DT		Batch: 2506096
830	100		5	02/06/25	02/07/25	
	ID I	Sult Limit	Limit Di	Sult Limit Dilution	Sult Limit Dilution Prepared	Sult Limit Dilution Prepared Analyzed



Devon Energy - CarlsbadProject Name:TGR Pipeline Spill6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo2/11/2025 10:01:02AM

PH05-13' E502046-08

		2002010 00				
Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2506090
Benzene	ND	0.0250	1	02/06/25	02/07/25	
Ethylbenzene	ND	0.0250	1	02/06/25	02/07/25	
Toluene	ND	0.0250	1	02/06/25	02/07/25	
o-Xylene	ND	0.0250	1	02/06/25	02/07/25	
p,m-Xylene	ND	0.0500	1	02/06/25	02/07/25	
Total Xylenes	ND	0.0250	1	02/06/25	02/07/25	
Surrogate: Bromofluorobenzene		95.4 %	70-130	02/06/25	02/07/25	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130	02/06/25	02/07/25	
Surrogate: Toluene-d8		98.6 %	70-130	02/06/25	02/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: RKS		Batch: 2506090
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/06/25	02/07/25	
Surrogate: Bromofluorobenzene		95.4 %	70-130	02/06/25	02/07/25	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130	02/06/25	02/07/25	
Surrogate: Toluene-d8		98.6 %	70-130	02/06/25	02/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: NV		Batch: 2506100
Diesel Range Organics (C10-C28)	ND	25.0	1	02/06/25	02/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/06/25	02/07/25	
Surrogate: n-Nonane		102 %	61-141	02/06/25	02/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	Analyst: DT		Batch: 2506096
Chloride	3550	40.0	2	02/06/25	02/07/25	

Devon Energy - CarlsbadProject Name:TGR Pipeline Spill6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo2/11/2025 10:01:02AM

PH06-5' E502046-09

		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RKS		Batch: 2506090
Benzene	ND	0.0250		1	02/06/25	02/07/25	
Ethylbenzene	ND	0.0250		1	02/06/25	02/07/25	
Toluene	ND	0.0250		1	02/06/25	02/07/25	
o-Xylene	ND	0.0250		1	02/06/25	02/07/25	
p,m-Xylene	ND	0.0500		1	02/06/25	02/07/25	
Total Xylenes	ND	0.0250		1	02/06/25	02/07/25	
Surrogate: Bromofluorobenzene		96.3 %	70-130		02/06/25	02/07/25	
Surrogate: 1,2-Dichloroethane-d4		94.0 %	70-130		02/06/25	02/07/25	
Surrogate: Toluene-d8		98.3 %	70-130		02/06/25	02/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2506090
Gasoline Range Organics (C6-C10)	ND	20.0		1	02/06/25	02/07/25	
Surrogate: Bromofluorobenzene		96.3 %	70-130		02/06/25	02/07/25	
Surrogate: 1,2-Dichloroethane-d4		94.0 %	70-130		02/06/25	02/07/25	
Surrogate: Toluene-d8		98.3 %	70-130		02/06/25	02/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2506100
Diesel Range Organics (C10-C28)	ND	25.0		1	02/06/25	02/07/25	
Oil Range Organics (C28-C36)	ND	50.0		1	02/06/25	02/07/25	
Surrogate: n-Nonane		105 %	61-141		02/06/25	02/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2506096
Chloride	8330	100		5	02/06/25	02/07/25	



Devon Energy - CarlsbadProject Name:TGR Pipeline Spill6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo2/11/2025 10:01:02AM

PH06-7' E502046-10

Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	analyst: RKS	-	Batch: 2506090
Benzene	ND	0.0250	1	02/06/25	02/07/25	
Ethylbenzene	ND	0.0250	1	02/06/25	02/07/25	
Toluene	ND	0.0250	1	02/06/25	02/07/25	
o-Xylene	ND	0.0250	1	02/06/25	02/07/25	
p,m-Xylene	ND	0.0500	1	02/06/25	02/07/25	
Total Xylenes	ND	0.0250	1	02/06/25	02/07/25	
Surrogate: Bromofluorobenzene		96.0 %	70-130	02/06/25	02/07/25	
Surrogate: 1,2-Dichloroethane-d4		94.2 %	70-130	02/06/25	02/07/25	
Surrogate: Toluene-d8		98.1 %	70-130	02/06/25	02/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	analyst: RKS		Batch: 2506090
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/06/25	02/07/25	
Surrogate: Bromofluorobenzene		96.0 %	70-130	02/06/25	02/07/25	
Surrogate: 1,2-Dichloroethane-d4		94.2 %	70-130	02/06/25	02/07/25	
Surrogate: Toluene-d8		98.1 %	70-130	02/06/25	02/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	analyst: NV		Batch: 2506100
Diesel Range Organics (C10-C28)	ND	25.0	1	02/06/25	02/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/06/25	02/07/25	
Surrogate: n-Nonane		109 %	61-141	02/06/25	02/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	analyst: DT		Batch: 2506096
Chloride	245	20.0	1	02/06/25	02/07/25	

Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/11/2025 10:01:02AM

PH08-7'

		E502046-11					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RKS		Batch: 2506090
Benzene	ND	0.0250		1	02/06/25	02/07/25	
Ethylbenzene	ND	0.0250		1	02/06/25	02/07/25	
Toluene	ND	0.0250		1	02/06/25	02/07/25	
o-Xylene	ND	0.0250		1	02/06/25	02/07/25	
p,m-Xylene	ND	0.0500		1	02/06/25	02/07/25	
Total Xylenes	ND	0.0250		1	02/06/25	02/07/25	
Surrogate: Bromofluorobenzene		97.8 %	70-130		02/06/25	02/07/25	
Surrogate: 1,2-Dichloroethane-d4		94.3 %	70-130		02/06/25	02/07/25	
Surrogate: Toluene-d8		99.5 %	70-130		02/06/25	02/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RKS		Batch: 2506090
Gasoline Range Organics (C6-C10)	ND	20.0		1	02/06/25	02/07/25	
Surrogate: Bromofluorobenzene		97.8 %	70-130		02/06/25	02/07/25	
Surrogate: 1,2-Dichloroethane-d4		94.3 %	70-130		02/06/25	02/07/25	
Surrogate: Toluene-d8		99.5 %	70-130		02/06/25	02/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	NV		Batch: 2506100
Diesel Range Organics (C10-C28)	ND	25.0		1	02/06/25	02/07/25	-
Oil Range Organics (C28-C36)	ND	50.0		1	02/06/25	02/07/25	
Surrogate: n-Nonane		104 %	61-141		02/06/25	02/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	DT		Batch: 2506096
Chloride	3670	40.0		2	02/06/25	02/07/25	



Devon Energy - CarlsbadProject Name:TGR Pipeline Spill6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo2/11/2025 10:01:02AM

PH08-9'

E502046-12

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2506090
Benzene	ND	0.0250	1	l	02/06/25	02/07/25	
Ethylbenzene	ND	0.0250	1	l	02/06/25	02/07/25	
Toluene	ND	0.0250	1	l	02/06/25	02/07/25	
o-Xylene	ND	0.0250	1	l	02/06/25	02/07/25	
p,m-Xylene	ND	0.0500	1	[02/06/25	02/07/25	
Total Xylenes	ND	0.0250	1	l	02/06/25	02/07/25	
Surrogate: Bromofluorobenzene		96.6 %	70-130		02/06/25	02/07/25	
Surrogate: 1,2-Dichloroethane-d4		96.0 %	70-130		02/06/25	02/07/25	
Surrogate: Toluene-d8		98.7 %	70-130		02/06/25	02/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	٠	Analyst:	RKS		Batch: 2506090
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	02/06/25	02/07/25	
Surrogate: Bromofluorobenzene		96.6 %	70-130		02/06/25	02/07/25	
Surrogate: 1,2-Dichloroethane-d4		96.0 %	70-130		02/06/25	02/07/25	
Surrogate: Toluene-d8		98.7 %	70-130		02/06/25	02/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2506100
Diesel Range Organics (C10-C28)	ND	25.0	1		02/06/25	02/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	1	02/06/25	02/07/25	
Surrogate: n-Nonane		111 %	61-141		02/06/25	02/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2506096
7 HIOHS DY E111 500:0/203011							



TGR Pipeline Spill Devon Energy - Carlsbad Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Ashley Giovengo 2/11/2025 10:01:02AM **Volatile Organic Compounds by EPA 8260B** Analyst: RKS Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2506090-BLK1) Prepared: 02/06/25 Analyzed: 02/07/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 ND 0.0250 Total Xylenes Surrogate: Bromofluorobenzene 0.487 0.500 97.4 70-130 Surrogate: 1,2-Dichloroethane-d4 0.493 0.500 98.6 70-130 0.500 98.2 70-130 Surrogate: Toluene-d8 0.491 LCS (2506090-BS1) Prepared: 02/06/25 Analyzed: 02/07/25 2.42 0.0250 2.50 96.9 70-130 Benzene 2.50 98.3 70-130 2.46 Ethylbenzene 0.0250 2.36 0.0250 2.50 94.4 70-130 92.3 70-130 2.31 0.0250 2.50 o-Xylene 5.00 92.8 70-130 p,m-Xylene 4.64 0.0500 6.95 0.0250 7.50 92.6 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.480 0.500 95.9 70-130 0.500 98.3 70-130 Surrogate: 1,2-Dichloroethane-d4 0.492 70-130 Surrogate: Toluene-d8 0.483 0.500 Matrix Spike (2506090-MS1) Source: E502046-05 Prepared: 02/06/25 Analyzed: 02/07/25 2.44 0.0250 2.50 ND 48-131 45-135 Ethylbenzene 2.50 0.0250 2.50 ND 100 48-130 Toluene 2.42 0.0250 2.50 ND 96.7 2.40 0.0250 2.50 ND 96.0 43-135 o-Xylene 4.80 ND 96.0 43-135 p,m-Xylene 0.0500 5.00 Total Xylenes 7.20 0.0250 7.50 ND 96.0 43-135 95.5 0.478 0.500 70-130 Surrogate: Bromofluorobenzene 0.500 102 70-130 Surrogate: 1,2-Dichloroethane-d4 0.509 0.500 97.4 70-130 0.487 Surrogate: Toluene-d8 Matrix Spike Dup (2506090-MSD1) Source: E502046-05 Prepared: 02/06/25 Analyzed: 02/07/25 2.27 0.0250 2.50 ND 91.0 48-131 6.86 23 2.33 0.0250 2.50 ND 93.3 45-135 7.05 27 Ethylbenzene ND 90.3 48-130 6.82 24 2.26 2.50 Toluene 0.0250 o-Xylene 2.23 0.0250 2.50 ND 89.1 43-135 7.43 27 4.44 5.00 ND 88.9 43-135 27 7.68 p,m-Xylene 0.0500 27 6.67 0.0250 7.50 ND 89.0 43-135 7.60 Total Xylenes Surrogate: Bromofluorobenzene 0.479 0.500 95.8 70-130 0.500 100 70-130 Surrogate: 1,2-Dichloroethane-d4 0.500



0.500

70-130

0.481

Surrogate: Toluene-d8

Surrogate: Bromofluorobenzene

Surrogate: Toluene-d8

Surrogate: 1,2-Dichloroethane-d4

QC Summary Data

Devon Energy - CarlsbadProject Name:TGR Pipeline SpillReported:6488 7 Rivers HwyProject Number:01058-0007Artesia NM, 88210Project Manager:Ashley Giovengo2/11/2025 10:01:02AM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go			2/11	/2025 10:01:02AM
	Nor	halogenated	Organics	by EPA 80	15D - Gl	RO		P	analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2506090-BLK1)							Prepared: 0	2/06/25 Analy	/zed: 02/07/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.487		0.500		97.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.6	70-130			
Surrogate: Toluene-d8	0.491		0.500		98.2	70-130			
LCS (2506090-BS2)							Prepared: 0	2/06/25 Analy	zed: 02/07/25
Gasoline Range Organics (C6-C10)	50.5	20.0	50.0		101	70-130			
Surrogate: Bromofluorobenzene	0.476		0.500		95.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.503		0.500		101	70-130			
Surrogate: Toluene-d8	0.490		0.500		97.9	70-130			
Matrix Spike (2506090-MS2)				Source:	E502046-	05	Prepared: 0	2/06/25 Analy	zed: 02/07/25
Gasoline Range Organics (C6-C10)	51.8	20.0	50.0	ND	104	70-130			
Surrogate: Bromofluorobenzene	0.483		0.500		96.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.501		0.500		100	70-130			
Surrogate: Toluene-d8	0.492		0.500		98.3	70-130			
Matrix Spike Dup (2506090-MSD2)				Source:	E502046-	05	Prepared: 0	2/06/25 Analy	zed: 02/07/25
Gasoline Range Organics (C6-C10)	49.3	20.0	50.0	ND	98.6	70-130	4.92	20	

0.500

0.500

0.500

0.482

0.509

0.492

70-130

70-130

70-130

96.4

102

98.3



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/11/2025 10:01:02AM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go			2	2/11/2025 10:01:02A
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2506100-BLK1)							Prepared: 0	2/06/25 An	nalyzed: 02/07/25
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	50.3		50.0		101	61-141			
LCS (2506100-BS1)							Prepared: 0	2/06/25 An	nalyzed: 02/07/25
Diesel Range Organics (C10-C28)	258	25.0	250		103	66-144			
urrogate: n-Nonane	52.6		50.0		105	61-141			
Matrix Spike (2506100-MS1)				Source:	E502046-0	08	Prepared: 0	2/06/25 An	nalyzed: 02/07/25
Diesel Range Organics (C10-C28)	262	25.0	250	ND	105	56-156			
urrogate: n-Nonane	53.7		50.0		107	61-141			
Matrix Spike Dup (2506100-MSD1)				Source:	E502046-	08	Prepared: 0	2/06/25 An	nalyzed: 02/07/25
Diesel Range Organics (C10-C28)	267	25.0	250	ND	107	56-156	2.00	20	
'urrogate: n-Nonane	53.3		50.0		107	61-141			



Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		GR Pipeline S	pill				Reported:
Artesia NM, 88210		Project Manager:		shley Gioveng	go				2/11/2025 10:01:02AM
		Anions	by EPA	300.0/9056 <i>A</i>	\				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2506096-BLK1)							Prepared: 0	2/06/25	Analyzed: 02/06/25
Chloride	ND	20.0							
LCS (2506096-BS1)							Prepared: 0	2/06/25	Analyzed: 02/06/25
Chloride	257	20.0	250		103	90-110			
Matrix Spike (2506096-MS1)				Source:	E502045-	05	Prepared: 0	2/06/25	Analyzed: 02/06/25
Chloride	692	20.0	250	435	103	80-120			
Matrix Spike Dup (2506096-MSD1)				Source:	E502045-0	05	Prepared: 0	2/06/25	Analyzed: 02/06/25
Chloride	691	20.0	250	435	103	80-120	0.0767	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:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	02/11/25 10:01

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



	Clie	nt Inform	nation			Invoice Inform	nation				La	b Us	e Or	ly TAT					St	ate			
Client: [Devon					Company: Devon			Lab	WO#	1		Job	Num	ber	-	1D 2D 3D Std				IM CO I	JT 1	ГХ
	TGR Pipeline	e Spill				Address: 5315 Buena Vis	sta Dr		_ E.	502	241	0	010	258	58.0007 ×				X				
Project N	Manager: As	hley Giov	/engo			City, State, Zip: Carlsbad	NM, 88220						-										
Address	3122 Natio	nal Parks	Hwy		PI	hone: (575)689-7597	-0-						Ana	lysis	and	Met	hod				EPA Pro	gram	1
City, Sta	te, Zip: Carls	bad NM,	88220		E	mail: jim.raley@dvn.cor	m				7.59									SDW	A CW	A	RCRA
Phone:	575-988-005	5			М	Miscellaneous: Jim Raley																	
Email: a	giovengo@e	nsolum.d	com			0-5-2-40-40-5-40-40-40-3-40-40-40-40-40-40-40-40-40-40-40-40-40-				LO.	rú.						100			Comp	Compliance Y or N		
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				Sam	ple Informa	tion				ROby	RO by	/ 802	8260	e 300	N.	T- 50	Meta						
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID	1	Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				Rema	rks	
10:35	2/4/2025	S	1			PH05 - 0'			1						х								
10:39	2/4/2025	S	1			PH05 - 1'			2						х								
10:44	2/4/2025	S	1			PH05 - 3'			3						х								
10:58	2/4/2025	S	1			PH05 - 5'			4	Ì					х								
11:11	2/4/2025	S	1			PH05 - 7'			5						х								
11:24	2/4/2025	S	1		PH05 - 9'				6						х								
11:38	2/4/2025	S	1			PH05 - 11'			7						х								
11:57	2/4/2025	S	1			PH05 - 13'			8						х								
12:25	2/4/2025	S	1			PH06 - 5'			9						х								
12:39	2/4/2025	S	1			PH06 - 7'			10						х								
Addition	nal Instructio	nns. Ple	ase CC: ch	urton@i	ensolum cor	n, agiovengo@ensolum.	com lim ra	alev@	1000	om. ie	strel	la@e	enso	lum.e	com	bde	al@e	ensol	um. cha	milton	@ensolur	n.coi	m.
10.000	ns@ensolun					, -0		-10					- 11-2									375	7.60
			d authenticity	of this samp	ole. I am aware t	hat tampering with or intentional	ly mislabeling th	ne samp	ple locatio	on, date	or tim	e of co	llectio	n is co	nsider	ed frau	ud and	may b	e grounds f	or legal ac	tion.		
12.2 (1.1)	: Bowan Simmon																						
Relinquish	ned by: (Signatu	ire)	Date 2/	5/25	Time 1045	Received by: (Signature)	rales	Date	5.25	Time	045	5			sampl	ed or re	eceived				eived on ice th ove 0 but less		
Relinguish	ned by: (Signatu	ire)	n Date		Time	Received by: (Signature)		Date	, ~	Time	-		1		subse	quent d	lavs	_	Lab U	Jse Onl	V		
Mic	helle G	ongo		5 25	1600	n	12	25	-32	1	XX				Received on ice: Ø/ N								
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Relinquisl	ned by: (Signatu	ire)	Date		Time	Received by: (Signature)		Date		Time			AVG Temp °C 4										
Sample Ma	trix: S - Soil, Sd -	Solid, Sg - Slu	idge, A - Aque	ous, O - Oth	er			Conta	iner Ty	pe: g -	glass	, p -	poly/	plasti	c, ag	- am	ber g	lass, v	v - VOA	1			
Note: San	nples are discar	ded 14 day	s after resul	ts are repo	rted unless oth	er arrangements are made. H	azardous sam	ples w	ill be ret	turned	to clie	ent or	dispo	sed of	at th	e clie	nt exp	ense.	The repor	t for the	analysis of	the al	bove
samples is	applicable onl	y to those s	samples rece	eived by the	e laboratory wi	th this COC. The liability of the	e laboratory is	limite	ed to the	amou	nt paid	d for	on the	repoi	rt.								

(cost center: 1093068701



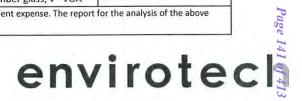
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Page	4	of.	_

	Clie	nt Inform	nation			Invoice Information					La	b Us	e On	ly						State	
Client: [Devon					ompany: Devon		La	ab V	VO#		20	Job				1D	2D	3D St	NM CO UT TX	
Project:	TGR Pipeline	Spill				Address: 5315 Buena Vista Dr		E	E 50	020	240	0	610	28.	000	07			X	X	
Project N	Manager: As	hley Giov	engo			City, State, Zip: Carlsbad NM, 8	8220														
Address:	3122 Natio	nal Parks	Hwy		PI	none: (575)689-7597							Ana	lysis	and	Met	hod			EPA Program	Ξŀ
City, Sta	te, Zip: Carls	bad NM,	88220		E	mail: jim.raley@dvn.com									SDWA CWA					SDWA CWA RCRA	
	575-988-005				M	Miscellaneous: Jim Raley															
Email: a	giovengo@e	nsolum.c	com							5	52									Compliance Y or M	1
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	•			Sam	ple Informat	ion		,		RO by	RO by	/ 802	8260	e 300	N N	T- 50	Met				
Time Sampled	Date Sampled	Matrix	No. of Container	s		Sample ID	Field	Lab Numb	o per	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals			Remarks	
10:09	2/4/2025	S	1			PH08 - 7'		11							х						1
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	ed by: (Signatu		Da	te	Time	Received by: (Signature)	Date		1	Time					Samp	les requ	uiring th	ermal p	reservation	must be received on ice the day they are	\dashv
120	January (Signatu			15/25	1045	Michelle Gonzal	00. 1	5-2	5	11	54	5			samp	led or r	eceived	packed	in ice at an	avg temp above 0 but less than 6 °C on	
Relinguish	ed by (Signatu	re) n		te	Time	Received by: (Signature)	Date	300	3	Time		_			subse	ouent.	days		Lab	Use Only	
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Sample Mat	trix: S - Soil, Sd - S	olid. Sø - Slu	dge. A - Ar	ueous, Ω - Oth	ner	T	Cor	ntainer 1	Type	: g - s	glass.	, p - I	poly/	plast	ic, ag	- am	ber g	lass, v	- VOA		\dashv
						er arrangements are made. Hazardou														rt for the analysis of the above	\neg
samples is	applicable only	to those s	amples r	eceived by th	e laboratory wit	th this COC. The liability of the labora	tory is lim	ited to the	he ar	moun	t paid	for	on the	repo	rt.		20 /-00		7 6,000	Acres and an analysis and an arrange and	

CC: 1093068701





Printed: 2/6/2025 9:53:55AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	02/06/25	06:00	Work Order ID:	E502046
Phone:	(505) 382-1211	Date Logged In:	02/05/25	15:23	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	02/12/25	17:00 (4 day TAT)		
~ .	10 . 1 . (000)					
	f Custody (COC)		••			
	the sample ID match the COC?	oh the COC	Yes			
	the number of samples per sampling site location man	ich the COC	Yes			
	samples dropped off by client or carrier?		Yes Yes	Carrier: Courier		
	ne COC complete, i.e., signatures, dates/times, reques	sted analyses?				
5. were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion.		Yes		<u>Comment</u>	s/Resolution
Sample '	<u> Turn Around Time (TAT)</u>					
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample	<u>Cooler</u>					
7. Was a	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was th	ne sample(s) received intact, i.e., not broken?		Yes			
10. Were	custody/security seals present?		No			
11. If yes	s, were custody/security seals intact?		NA			
	he sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes			
Sample	<u>Container</u>					
	aqueous VOC samples present?		No			
	VOC samples collected in VOA Vials?		NA			
	e head space less than 6-8 mm (pea sized or less)?		NA			
	a trip blank (TB) included for VOC analyses?		NA			
	non-VOC samples collected in the correct containers'	?	Yes			
	appropriate volume/weight or number of sample contain		Yes			
Field La						
•	e field sample labels filled out with the minimum info	rmation:				
	Sample ID?		Yes			
	Date/Time Collected?		Yes			
	Collectors name?		Yes			
	<u>Preservation</u>					
	the COC or field labels indicate the samples were pr	eserved?	No			
	sample(s) correctly preserved?		NA			
24. Is lat	o filteration required and/or requested for dissolved n	netals?	No			
	ase Sample Matrix					
	the sample have more than one phase, i.e., multipha		No			
27. If ye	s, does the COC specify which phase(s) is to be analy	zed?	NA			
Subcont	ract Laboratory					
	samples required to get sent to a subcontract laborato	ry?	No			
29. Was	a subcontract laboratory specified by the client and it	f so who?	NA	Subcontract Lab: NA		
Client I	nstruction					
CHEIL	nstruction .					
						N. 5.

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: TGR Pipeline Spill

Work Order: E504267

Job Number: 01058-0007

Received: 4/28/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 5/2/25

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

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

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

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

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

Date Reported: 5/2/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: TGR Pipeline Spill

Workorder: E504267

Date Received: 4/28/2025 6:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/28/2025 6:30:00AM, under the Project Name: TGR Pipeline Spill.

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

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

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

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Southern New Mexico Area

Lynn Jarboe

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

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Gonzales

Client Representative Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	05/02/25 08:33

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW01- 0-4'	E504267-01A	Soil	04/24/25	04/28/25	Glass Jar, 2 oz.
SW02- 0-4'	E504267-02A	Soil	04/24/25	04/28/25	Glass Jar, 2 oz.
SW03 -0-4'	E504267-03A	Soil	04/24/25	04/28/25	Glass Jar, 2 oz.
SW24- 0-4'	E504267-04A	Soil	04/24/25	04/28/25	Glass Jar, 2 oz.
FS37-4'	E504267-05A	Soil	04/24/25	04/28/25	Glass Jar, 2 oz.
FS38-4'	E504267-06A	Soil	04/24/25	04/28/25	Glass Jar, 2 oz.
FS39-4'	E504267-07A	Soil	04/24/25	04/28/25	Glass Jar, 2 oz.
FS40-4'	E504267-08A	Soil	04/24/25	04/28/25	Glass Jar, 2 oz.
FS41-4'	E504267-09A	Soil	04/24/25	04/28/25	Glass Jar, 2 oz.
FS42-4'	E504267-10A	Soil	04/24/25	04/28/25	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/2/2025 8:33:53AM

SW01- 0-4' E504267-01

	E304207-01				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	vst: SL		Batch: 2518005
ND	0.0250	1	04/28/25	04/29/25	
ND	0.0250	1	04/28/25	04/29/25	
ND	0.0250	1	04/28/25	04/29/25	
ND	0.0250	1	04/28/25	04/29/25	
ND	0.0500	1	04/28/25	04/29/25	
ND	0.0250	1	04/28/25	04/29/25	
	92.7 %	70-130	04/28/25	04/29/25	
mg/kg	mg/kg	Analy	st: SL		Batch: 2518005
ND	20.0	1	04/28/25	04/29/25	
	91.0 %	70-130	04/28/25	04/29/25	
mg/kg	mg/kg	Analy	st: KH		Batch: 2518007
ND	25.0	1	04/28/25	04/29/25	
ND	50.0	1	04/28/25	04/29/25	
	90.8 %	61-141	04/28/25	04/29/25	
mg/kg	mg/kg	Analy	vst: RAS		Batch: 2518013
41.6	20.0	1	04/28/25	04/28/25	
	mg/kg ND Mg/kg ND mg/kg	Result Reporting mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 MD 0.0250 MD 0.0250 92.7 % mg/kg mg/kg mg/kg ND 20.0 91.0 % mg/kg ND 25.0 ND 50.0 90.8 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 92.7 % 70-130 mg/kg mg/kg Analy ND 20.0 1 91.0 % 70-130 mg/kg mg/kg Analy ND 25.0 1 ND 50.0 1 90.8 % 61-141 61-141 mg/kg mg/kg Analy	Reporting Result Limit Dilution Prepared mg/kg Analyst: SL ND 0.0250 1 04/28/25 ND 0.0250 1 04/28/25 ND 0.0250 1 04/28/25 ND 0.0250 1 04/28/25 ND 0.0500 1 04/28/25 ND 0.0250 1 04/28/25 mg/kg Malyst: SL ND 04/28/25 mg/kg Analyst: SL ND 04/28/25 mg/kg Mg/kg Analyst: KH ND ND 25.0 1 04/28/25 ND 50.0 1 04/28/25 ND 50.0 1 04/28/25 Mg/kg Mg/kg Analyst: KH	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 04/28/25 04/29/25 ND 0.0250 1 04/28/25 04/29/25 ND 0.0250 1 04/28/25 04/29/25 ND 0.0500 1 04/28/25 04/29/25 ND 0.0250 1 04/28/25 04/29/25 ND 0.0250 1 04/28/25 04/29/25 mg/kg mg/kg Analyst: SL ND 04/29/25 mg/kg mg/kg Analyst: SL 04/29/25 mg/kg mg/kg Analyst: KH ND 25.0 1 04/28/25 04/29/25 ND 25.0 1 04/28/25 04/29/25 04/29/25 ND 50.0 1 04/28/25 04/29/25 ND 50.0 1 04/28/25 04/29/25 ND 50.0

Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/2/2025 8:33:53AM

SW02- 0-4'

		E504267-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2518005
Benzene	ND	0.0250	1	04/28/25	04/29/25	
Ethylbenzene	ND	0.0250	1	04/28/25	04/29/25	
Toluene	ND	0.0250	1	04/28/25	04/29/25	
o-Xylene	ND	0.0250	1	04/28/25	04/29/25	
p,m-Xylene	ND	0.0500	1	04/28/25	04/29/25	
Total Xylenes	ND	0.0250	1	04/28/25	04/29/25	
Surrogate: 4-Bromochlorobenzene-PID		90.0 %	70-130	04/28/25	04/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2518005
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/25	04/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.2 %	70-130	04/28/25	04/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2518007
Diesel Range Organics (C10-C28)	ND	25.0	1	04/28/25	04/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/28/25	04/30/25	
Surrogate: n-Nonane		88.5 %	61-141	04/28/25	04/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2518013
Chloride	ND	20.0	1	04/28/25	04/28/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/2/2025 8:33:53AM

SW03 -0-4'

		E504267-03				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2518005
Benzene	ND	0.0250	1	04/28/25	04/29/25	
Ethylbenzene	ND	0.0250	1	04/28/25	04/29/25	
Toluene	ND	0.0250	1	04/28/25	04/29/25	
o-Xylene	ND	0.0250	1	04/28/25	04/29/25	
p,m-Xylene	ND	0.0500	1	04/28/25	04/29/25	
Total Xylenes	ND	0.0250	1	04/28/25	04/29/25	
Surrogate: 4-Bromochlorobenzene-PID		88.3 %	70-130	04/28/25	04/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2518005
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/25	04/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.2 %	70-130	04/28/25	04/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2518007
Diesel Range Organics (C10-C28)	ND	25.0	1	04/28/25	04/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/28/25	04/30/25	
Surrogate: n-Nonane		86.5 %	61-141	04/28/25	04/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2518013
Chloride	115	20.0	1	04/28/25	04/28/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/2/2025 8:33:53AM

SW24- 0-4'

		E504267-04				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2518005
Benzene	ND	0.0250	1	04/28/25	04/29/25	
Ethylbenzene	ND	0.0250	1	04/28/25	04/29/25	
Toluene	ND	0.0250	1	04/28/25	04/29/25	
o-Xylene	ND	0.0250	1	04/28/25	04/29/25	
o,m-Xylene	ND	0.0500	1	04/28/25	04/29/25	
Total Xylenes	ND	0.0250	1	04/28/25	04/29/25	
Surrogate: 4-Bromochlorobenzene-PID		88.3 %	70-130	04/28/25	04/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2518005
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/25	04/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.8 %	70-130	04/28/25	04/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2518007
Diesel Range Organics (C10-C28)	ND	25.0	1	04/28/25	04/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/28/25	04/30/25	
Surrogate: n-Nonane		89.5 %	61-141	04/28/25	04/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2518013
Chloride	31.2	20.0	1	04/28/25	04/28/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/2/2025 8:33:53AM

FS37-4'

E504267-05

	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	lyst: SL		Batch: 2518005
ND	0.0250	1	04/28/25	04/29/25	
ND	0.0250	1	04/28/25	04/29/25	
ND	0.0250	1	04/28/25	04/29/25	
ND	0.0250	1	04/28/25	04/29/25	
ND	0.0500	1	04/28/25	04/29/25	
ND	0.0250	1	04/28/25	04/29/25	
	88.7 %	70-130	04/28/25	04/29/25	
mg/kg	mg/kg	Ana	lyst: SL		Batch: 2518005
ND	20.0	1	04/28/25	04/29/25	
	92.5 %	70-130	04/28/25	04/29/25	
mg/kg	mg/kg	Ana	lyst: KH		Batch: 2518007
ND	25.0	1	04/28/25	04/30/25	
ND	50.0	1	04/28/25	04/30/25	
	95.2 %	61-141	04/28/25	04/30/25	
mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2518013
	mg/kg ND	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 88.7 % mg/kg MD 20.0 92.5 % mg/kg ND 25.0 ND 50.0 95.2 %	Result Limit Dilution mg/kg mg/kg Ana ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 88.7 % 70-130 mg/kg mg/kg Ana ND 20.0 1 92.5 % 70-130 mg/kg mg/kg Ana ND 25.0 1 ND 50.0 1 95.2 % 61-141	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 04/28/25 ND 0.0250 1 04/28/25 ND 0.0250 1 04/28/25 ND 0.0500 1 04/28/25 ND 0.0250 1 04/28/25 ND 0.0250 1 04/28/25 mg/kg mg/kg Analyst: SL ND 20.0 1 04/28/25 mg/kg mg/kg Analyst: KH ND 25.0 1 04/28/25 ND 50.0 1 04/28/25 95.2 % 61-141 04/28/25	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 04/28/25 04/29/25 ND 0.0250 1 04/28/25 04/29/25 ND 0.0250 1 04/28/25 04/29/25 ND 0.0500 1 04/28/25 04/29/25 ND 0.0250 1 04/28/25 04/29/25 ND 0.0250 1 04/28/25 04/29/25 88.7 % 70-130 04/28/25 04/29/25 mg/kg mg/kg Analyst: SL ND 20.0 1 04/28/25 04/29/25 mg/kg mg/kg Analyst: KH ND 25.0 1 04/28/25 04/30/25 ND 50.0 1 04/28/25 04/30/25 ND 50.0 1 04/28/25 04/30/25



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/2/2025 8:33:53AM

FS38-4'

E504267-06

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2518005
Benzene	ND	0.0250	1	04/28/25	04/29/25	
Ethylbenzene	ND	0.0250	1	04/28/25	04/29/25	
Toluene	ND	0.0250	1	04/28/25	04/29/25	
o-Xylene	ND	0.0250	1	04/28/25	04/29/25	
p,m-Xylene	ND	0.0500	1	04/28/25	04/29/25	
Total Xylenes	ND	0.0250	1	04/28/25	04/29/25	
Surrogate: 4-Bromochlorobenzene-PID		90.8 %	70-130	04/28/25	04/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2518005
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/25	04/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.3 %	70-130	04/28/25	04/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2518007
Diesel Range Organics (C10-C28)	ND	25.0	1	04/28/25	04/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/28/25	04/30/25	
Surrogate: n-Nonane		86.0 %	61-141	04/28/25	04/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2518013
Chloride	794	20.0	1	04/28/25	04/28/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/2/2025 8:33:53AM

FS39-4'

E50		

		2001207 07				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Analyte	Resuit	Limit	Dilution	Frepared	Anaryzeu	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2518005
Benzene	ND	0.0250	1	04/28/25	04/29/25	
Ethylbenzene	ND	0.0250	1	04/28/25	04/29/25	
Toluene	ND	0.0250	1	04/28/25	04/29/25	
o-Xylene	ND	0.0250	1	04/28/25	04/29/25	
p,m-Xylene	ND	0.0500	1	04/28/25	04/29/25	
Total Xylenes	ND	0.0250	1	04/28/25	04/29/25	
Surrogate: 4-Bromochlorobenzene-PID		89.0 %	70-130	04/28/25	04/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2518005
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/25	04/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.5 %	70-130	04/28/25	04/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KH		Batch: 2518007
Diesel Range Organics (C10-C28)	ND	25.0	1	04/28/25	04/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/28/25	04/30/25	
Surrogate: n-Nonane		89.6 %	61-141	04/28/25	04/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: RAS		Batch: 2518013
Chloride	1030	20.0	1	04/28/25	04/28/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/2/2025 8:33:53AM

FS40-4'

E504267-08

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2518005
Benzene	ND	0.0250	1	04/28/25	04/29/25	
Ethylbenzene	ND	0.0250	1	04/28/25	04/29/25	
Toluene	ND	0.0250	1	04/28/25	04/29/25	
o-Xylene	ND	0.0250	1	04/28/25	04/29/25	
p,m-Xylene	ND	0.0500	1	04/28/25	04/29/25	
Total Xylenes	ND	0.0250	1	04/28/25	04/29/25	
Surrogate: 4-Bromochlorobenzene-PID		87.2 %	70-130	04/28/25	04/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2518005
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/25	04/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.6 %	70-130	04/28/25	04/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2518007
Diesel Range Organics (C10-C28)	ND	25.0	1	04/28/25	04/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/28/25	04/30/25	
Surrogate: n-Nonane		84.4 %	61-141	04/28/25	04/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2518013
Chloride	2820	40.0	2	04/28/25	04/28/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/2/2025 8:33:53AM

FS41-4'

		E504267-09				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: SL		Batch: 2518005
Benzene	ND	0.0250	1	04/28/25	04/29/25	
Ethylbenzene	ND	0.0250	1	04/28/25	04/29/25	
Toluene	ND	0.0250	1	04/28/25	04/29/25	
o-Xylene	ND	0.0250	1	04/28/25	04/29/25	
p,m-Xylene	ND	0.0500	1	04/28/25	04/29/25	
Total Xylenes	ND	0.0250	1	04/28/25	04/29/25	
Surrogate: 4-Bromochlorobenzene-PID		86.4 %	70-130	04/28/25	04/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2518005
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/25	04/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.8 %	70-130	04/28/25	04/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2518007
Diesel Range Organics (C10-C28)	ND	25.0	1	04/28/25	04/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/28/25	04/30/25	
Surrogate: n-Nonane		87.2 %	61-141	04/28/25	04/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2518013
Chloride	3110	40.0	2	04/28/25	04/28/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/2/2025 8:33:53AM

FS42-4'

		E504267-10				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2518005
Benzene	ND	0.0250	1	04/28/25	04/29/25	
Ethylbenzene	ND	0.0250	1	04/28/25	04/29/25	
Toluene	ND	0.0250	1	04/28/25	04/29/25	
o-Xylene	ND	0.0250	1	04/28/25	04/29/25	
o,m-Xylene	ND	0.0500	1	04/28/25	04/29/25	
Total Xylenes	ND	0.0250	1	04/28/25	04/29/25	
Surrogate: 4-Bromochlorobenzene-PID		85.9 %	70-130	04/28/25	04/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2518005
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/25	04/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.0 %	70-130	04/28/25	04/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2518007
Diesel Range Organics (C10-C28)	ND	25.0	1	04/28/25	04/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/28/25	04/30/25	
Surrogate: n-Nonane		86.5 %	61-141	04/28/25	04/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2518013
Chloride	1110	20.0	1	04/28/25	04/28/25	



QC Summary Data

		QC Si	umma	пу рац	a				
Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:	01	GR Pipeline S					Reported:
Artesia NM, 88210		Project Manager:	A	shley Gioveng	go				5/2/2025 8:33:53AM
		Volatile O	rganics b	oy EPA 802	21B				Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2518005-BLK1)							Prepared: 0	4/28/25 A	analyzed: 04/29/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.35		8.00		91.9	70-130			
LCS (2518005-BS1)							Prepared: 0	4/28/25 A	analyzed: 04/29/25
Benzene	5.17	0.0250	5.00		103	70-130			
thylbenzene	5.11	0.0250	5.00		102	70-130			
Coluene	5.16	0.0250	5.00		103	70-130			
-Xylene	5.06	0.0250	5.00		101	70-130			
o,m-Xylene	10.3	0.0500	10.0		103	70-130			
Total Xylenes	15.4	0.0250	15.0		103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.25		8.00		90.6	70-130			
Matrix Spike (2518005-MS1)				Source:	E504267-	06	Prepared: 0	4/28/25 A	analyzed: 04/29/25
Benzene	4.90	0.0250	5.00	ND	98.0	70-130			
thylbenzene	4.82	0.0250	5.00	ND	96.3	70-130			
oluene	4.88	0.0250	5.00	ND	97.6	70-130			
-Xylene	4.81	0.0250	5.00	ND	96.1	70-130			
o,m-Xylene	9.79	0.0500	10.0	ND	97.9	70-130			
Total Xylenes	14.6	0.0250	15.0	ND	97.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.27		8.00		90.8	70-130			
Matrix Spike Dup (2518005-MSD1)				Source:	E504267-	06	Prepared: 0	4/28/25 A	analyzed: 04/29/25
Benzene	5.30	0.0250	5.00	ND	106	70-130	7.84	27	
Ethylbenzene	5.22	0.0250	5.00	ND	104	70-130	8.00	26	
Toluene	5.26	0.0250	5.00	ND	105	70-130	7.58	20	
o-Xylene	5.18	0.0250	5.00	ND	104	70-130	7.46	25	
o,m-Xylene	10.5	0.0500	10.0	ND	105	70-130	7.49	23	
Total Virlamas	15.7	0.0250	15.0	ND	105	70 120	7.49	26	



15.7

7.40

0.0250

15.0

8.00

ND

105

92.5

70-130

70-130

7.48

26

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	•
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/2/2025 8:33:53AM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go			5/2	2/2025 8:33:53AM
	Nor	halogenated	Organics	by EPA 80	15D - G	RO			Analyst: SL
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2518005-BLK1)							Prepared: 0	4/28/25 Anal	yzed: 04/29/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.28		8.00		91.1	70-130			
LCS (2518005-BS2)							Prepared: 0	4/28/25 Anal	yzed: 04/29/25
Gasoline Range Organics (C6-C10)	36.8	20.0	50.0		73.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.44		8.00		93.0	70-130			
Matrix Spike (2518005-MS2)				Source:	E504267-	06	Prepared: 0	4/28/25 Anal	yzed: 04/29/25
Gasoline Range Organics (C6-C10)	40.6	20.0	50.0	ND	81.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.44		8.00		92.9	70-130			
Matrix Spike Dup (2518005-MSD2)				Source:	E504267-	06	Prepared: 0	4/28/25 Anal	yzed: 04/29/25
Gasoline Range Organics (C6-C10)	41.9	20.0	50.0	ND	83.7	70-130	3.02	20	

8.00

7.42

92.7

70-130

QC Summary Data

Devon Energy - CarlsbadProject Name:TGR Pipeline SpillReported:6488 7 Rivers HwyProject Number:01058-0007Artesia NM, 88210Project Manager:Ashley Giovengo5/2/20258:33:53AM

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go				5/2/2025 8:33:53AM
	Nonha	logenated Or	ganics by l	EPA 8015I	D - DRO	/ORO			Analyst: KH
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2518007-BLK1)							Prepared: 0	4/28/25 An	alyzed: 04/30/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	40.5		50.0		81.0	61-141			
LCS (2518007-BS1)							Prepared: 0	4/28/25 An	alyzed: 04/30/25
Diesel Range Organics (C10-C28)	215	25.0	250		85.8	66-144			
Surrogate: n-Nonane	41.8		50.0		83.7	61-141			
Matrix Spike (2518007-MS1)				Source:	E504266-0	02	Prepared: 0	4/28/25 An	alyzed: 04/30/25
Diesel Range Organics (C10-C28)	227	25.0	250	ND	90.8	56-156			
Surrogate: n-Nonane	41.6		50.0		83.2	61-141			
Matrix Spike Dup (2518007-MSD1)				Source:	E504266-0	02	Prepared: 0	4/28/25 An	alyzed: 04/30/25
Diesel Range Organics (C10-C28)	241	25.0	250	ND	96.5	56-156	6.07	20	
Surrogate: n-Nonane	42.4		50.0		84.9	61-141			

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		GR Pipeline S .058-0007	pill				Reported:
Artesia NM, 88210		Project Manager	: A	shley Gioveng	go				5/2/2025 8:33:53AM
		Anions	by EPA 3	300.0/9056 <i>A</i>	1				Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2518013-BLK1)							Prepared: 0	4/28/25 A	Analyzed: 04/28/25
Chloride	ND	20.0							
LCS (2518013-BS1)							Prepared: 0	4/28/25 A	Analyzed: 04/28/25
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2518013-MS1)				Source:	E504263-0)2	Prepared: 0	4/28/25 A	Analyzed: 04/28/25
Chloride	267	20.0	250	ND	107	80-120			
Matrix Spike Dup (2518013-MSD1)				Source:	E504263-0)2	Prepared: 0	4/28/25 A	Analyzed: 04/28/25
Chloride	266	20.0	250	ND	106	80-120	0.313	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:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	05/02/25 08:33

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.



An	alytical La	borato	ry																			
Client Information					Inv	oice Information					Lab	Use	Onl	y				TA	T.	State		
Client: D	evon TGR Pipeline	Snill			Company: De	evon Energy 5 Buena Vista Dr		La	5W	0#	07	7	ob N	umb	er		1D	2D	3D Std	NM x	CO UT	TX
	Nanager: Ash		ango			: Carlsbad NM, 882	20	_ _	-	700	VI	_	MUS	01	200		_	-				1_1_
	3122 Nation				Phone: (575)6		20	_					Anal	vsis	and N	/leth	od	-		EP	A Progra	am
	e, Zip: Carlsl			*	Email: jim.raley@dvn.com			+	T		Ť	1	10.0	ysis allu ivie		1			SDWA	CWA	RCRA	
	575-988-005		OOLLO		Miscellaneous:																	
	giovengo@e		om		Wilscellaneous,	sim naicy				015	015									Complianc	e Y	or N
				Sample Info	rmation				- 3	O by 8	O by 8	8021	8260	300.0	XT-2	Metals		N.	2	PWSID#		
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID		Field	Lab Numbe	er å	DRO/ORO by 8015	GRO/DRO by 8015	B I EX BY 8021	VOC by 8	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX	Samle Temp	Rer	marks
11:25	4/24/2025	S	1		SW01 - 0-4'			1										x		3.6		
11:23	4/24/2025	S	1		SW02 - 0-4'			2										x		3.4		
11:24	4/24/2025	S	1		SW03 - 0-4'			3										x		3.4		
11:20	4/24/2025	S	1		SW24 - 0-4'			4										х		2.4		
11:26	4/24/2025	S	1		FS37 - 4'			5										х		3.2		
11:21	4/24/2025	S	1		FS38 - 4'			6										х		34		
11:27	4/24/2025	S	1		FS39 - 4'			7										x		3.3		
11:26	4/24/2025	S	1		FS40 - 4'			8			I							x		3.7		
13:28	4/24/2025	S	1		FS41 - 4'			9										х		34		
13:27	4/24/2025	S	1		FS42 - 4'			10										х		2.3		
l, (field sam						ensolum.com, jim.															@ensol	um.com
51209	_Cole Burton	-1		Data .	Time	Passived by /Signatur	ral		0	Ir	nate	_			Time					Samples re	auiring t	hormal
Keiinquish	by: (Signature	T		Data /25/25	B:UD	Received by: (Signatu	Go	man	lec		4-2	5	15		6	TO	0		nre	eservation n		
	ed by: (Signature	a)	n	Date	Time	Received by: (Signatu		0						/	Time ,	-				e the day th		
	reje (10mg	les	4-25-25	1520	111/	01			- (4.2	.5.	23	A_{\parallel}	1	6E	CX			ceived pack		
	ed by (Signature	e) 0		Date	Time	Received by: (Signatu	re)			1	hata			_	Time	_	_			above 0 but	less than	6°C on
6.6	/ M.			4.28.25	2300	10 1:	2	100			4.2	8.	25		03	00					quent day	
Relinquish	ed by: (Signature	e)		Date	Time	Received by: (Signatu	pe)	MI			Date				Time						Use Only	
	10.7						0.0														ved on ic	-
Relinquish	ed by: (Signature	e)		Date	Time	Received by: (Signatu	re)			C	Date				Time *				(Y) N			
Sample Mat	rix: S - Soil, Sd - Se	olid, Sg - Sluc	dge, A - Aque	ous, O - Other			Cont	tainer Ty	ype: g	g - gla	ass, p	- pol	y/pla	stic,	ag - ar	mber	glass	, v -	VOA			

Printed: 4/28/2025 9:19:52AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	04/28/25 06	5:30		Work Order ID:	E504267
Phone:	(505) 382-1211	Date Logged In:	04/25/25 15	5:20		Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:		7:00 (4 day TAT)			
	Custody (COC)						
	ne sample ID match the COC?	. 1 . 1	Yes				
	ne number of samples per sampling site location m	atch the COC	Yes				
	amples dropped off by client or carrier?		Yes	Carrier: 0	Courier_		
	e COC complete, i.e., signatures, dates/times, requ	ested analyses?	Yes				
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted i.e, 15 minute hold time, are not included in this disucs:		Yes			<u>Comment</u>	s/Resolution
	Turn Around Time (TAT)						
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C	Cooler sample cooler received?		Yes				
	was cooler received in good condition?						
•	-		Yes				
	e sample(s) received intact, i.e., not broken?		Yes				
	custody/security seals present?		No				
11. If yes	, were custody/security seals intact?		NA				
12. Was th	e sample received on ice? Note: Thermal preservation is not required, if samples a 15 minutes of sampling	are received within	Yes				
13. See C	OC for individual sample temps. Samples outside	of 0°C-6°C will be	recorded in	comments.			
Sample C	<u>Container</u>						
14. Are a	queous VOC samples present?		No				
15. Are V	OC samples collected in VOA Vials?		NA				
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA				
17. Was a	trip blank (TB) included for VOC analyses?		NA				
18. Are n	on-VOC samples collected in the correct container	s?	Yes				
19. Is the	appropriate volume/weight or number of sample conta	iners collected?	Yes				
Field Lal	<u>oel</u>						
	field sample labels filled out with the minimum in	formation:					
	ample ID?		Yes				
	eate/Time Collected?		Yes				
	ollectors name?		Yes				
	<u>Preservation</u> the COC or field labels indicate the samples were	arecersed?	No				
	•	preserved:	NA				
	ample(s) correctly preserved? filtration required and/or requested for dissolved n	netals?	No				
	•	ictais:	110				
	see Sample Matrix	9					
	the sample have more than one phase, i.e., multiph		No				
27. II yes	, does the COC specify which phase(s) is to be ana	iyzed?	NA				
	act Laboratory						
	amples required to get sent to a subcontract laborat	-	No				
29. Was a	subcontract laboratory specified by the client and	if so who?	NA S	Subcontract La	b: NA		
Client In	<u>nstruction</u>						

Date

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: TGR Pipeline Spill

Work Order: E504281

Job Number: 01058-0007

Received: 4/29/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 5/5/25

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

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

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

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

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

Date Reported: 5/5/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: TGR Pipeline Spill

Workorder: E504281

Date Received: 4/29/2025 8:15:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/29/2025 8:15:00AM, under the Project Name: TGR Pipeline Spill.

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

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

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

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

Respectfully,

Walter Hinchman

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whinchman@envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	05/05/25 08:03

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS23-4'	E504281-01A	Soil	04/25/25	04/29/25	Glass Jar, 2 oz.
FS24-4'	E504281-02A	Soil	04/25/25	04/29/25	Glass Jar, 2 oz.
FS43-4'	E504281-03A	Soil	04/25/25	04/29/25	Glass Jar, 2 oz.
FS44-4'	E504281-04A	Soil	04/25/25	04/29/25	Glass Jar, 2 oz.
FS45-4'	E504281-05A	Soil	04/25/25	04/29/25	Glass Jar, 2 oz.
FS46-4'	E504281-06A	Soil	04/25/25	04/29/25	Glass Jar, 2 oz.
FS47-4'	E504281-07A	Soil	04/25/25	04/29/25	Glass Jar, 2 oz.
FS48-4'	E504281-08A	Soil	04/25/25	04/29/25	Glass Jar, 2 oz.
FS49-4'	E504281-09A	Soil	04/25/25	04/29/25	Glass Jar, 2 oz.
FS50-4'	E504281-10A	Soil	04/25/25	04/29/25	Glass Jar, 2 oz.
FS52-4'	E504281-11A	Soil	04/25/25	04/29/25	Glass Jar, 2 oz.
FS53-4'	E504281-12A	Soil	04/25/25	04/29/25	Glass Jar, 2 oz.
FS73-4'	E504281-13A	Soil	04/25/25	04/29/25	Glass Jar, 2 oz.
FS74-4'	E504281-14A	Soil	04/25/25	04/29/25	Glass Jar, 2 oz.
FS75-4'	E504281-15A	Soil	04/25/25	04/29/25	Glass Jar, 2 oz.
FS76-4'	E504281-16A	Soil	04/25/25	04/29/25	Glass Jar, 2 oz.
SW04-0-4'	E504281-17A	Soil	04/25/25	04/29/25	Glass Jar, 2 oz.
SW05-0-4'	E504281-18A	Soil	04/25/25	04/29/25	Glass Jar, 2 oz.
SW06-0-4'	E504281-19A	Soil	04/25/25	04/29/25	Glass Jar, 2 oz.
SW22-0-4'	E504281-20A	Soil	04/25/25	04/29/25	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/5/2025 8:03:34AM

FS23-4' E504281-01

	E304201-01				
Popult			Dranarad	Analyzad	Notes
Kesuit	Lillit	Dilution	Frepared	Allatyzeu	Notes
mg/kg	mg/kg	Analy	yst: SL		Batch: 2518032
ND	0.0250	1	04/29/25	04/29/25	
ND	0.0250	1	04/29/25	04/29/25	
ND	0.0250	1	04/29/25	04/29/25	
ND	0.0250	1	04/29/25	04/29/25	
ND	0.0500	1	04/29/25	04/29/25	
ND	0.0250	1	04/29/25	04/29/25	
	89.9 %	70-130	04/29/25	04/29/25	
mg/kg	mg/kg	Analy	yst: SL		Batch: 2518032
ND	20.0	1	04/29/25	04/29/25	
	92.9 %	70-130	04/29/25	04/29/25	
mg/kg	mg/kg	Analy	yst: NV		Batch: 2518040
ND	25.0	1	04/29/25	04/29/25	
ND	50.0	1	04/29/25	04/29/25	
	99.3 %	61-141	04/29/25	04/29/25	
mg/kg	mg/kg	Analy	yst: JM		Batch: 2518031
9480	200	10	04/29/25	04/29/25	
	ND mg/kg ND mg/kg	Result Reporting mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0500 ND 0.0250 89.9 % mg/kg mg/kg mg/kg ND 20.0 92.9 % mg/kg ND 25.0 ND 50.0 99.3 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 89.9 % 70-130 mg/kg mg/kg Analy ND 20.0 1 92.9 % 70-130 mg/kg mg/kg Analy ND 25.0 1 ND 50.0 1 99.3 % 61-141 61-141 mg/kg mg/kg Analy	Reporting Result Limit Dilution Prepared mg/kg Analyst: SL ND 0.0250 1 04/29/25 ND 0.0250 1 04/29/25 ND 0.0250 1 04/29/25 ND 0.0500 1 04/29/25 ND 0.0250 1 04/29/25 ND 0.0250 1 04/29/25 mg/kg Malyst: SL ND 04/29/25 mg/kg Malyst: SL ND 04/29/25 mg/kg Mg/kg Analyst: NV ND 25.0 1 04/29/25 ND 50.0 1 04/29/25 ND 50.0 1 04/29/25 MD 50.0 1 04/29/25 mg/kg Mg/kg Analyst: JM	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 04/29/25 04/29/25 ND 0.0250 1 04/29/25 04/29/25 ND 0.0250 1 04/29/25 04/29/25 ND 0.0500 1 04/29/25 04/29/25 ND 0.0250 1 04/29/25 04/29/25 ND 0.0250 1 04/29/25 04/29/25 MD 0.0250 1 04/29/25 04/29/25 mg/kg mg/kg Analyst: SL ND 04/29/25 MD 20.0 1 04/29/25 04/29/25 mg/kg mg/kg Analyst: NV ND 25.0 1 04/29/25 04/29/25 ND 25.0 1 04/29/25 04/29/25 04/29/25 ND 50.0 1 04/29/25 04/29/25 ND

Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/5/2025 8:03:34AM

FS24-4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2518032
Benzene	ND	0.0250	1	04/29/25	04/29/25	
Ethylbenzene	ND	0.0250	1	04/29/25	04/29/25	
Toluene	ND	0.0250	1	04/29/25	04/29/25	
o-Xylene	ND	0.0250	1	04/29/25	04/29/25	
p,m-Xylene	ND	0.0500	1	04/29/25	04/29/25	
Total Xylenes	ND	0.0250	1	04/29/25	04/29/25	
Surrogate: 4-Bromochlorobenzene-PID		87.2 %	70-130	04/29/25	04/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2518032
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/29/25	04/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.0 %	70-130	04/29/25	04/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2518040
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/25	04/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/25	04/29/25	
Surrogate: n-Nonane		100 %	61-141	04/29/25	04/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: JM		Batch: 2518031
· · · · · · · · · · · · · · · · · · ·		200	10	04/29/25	04/29/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/5/2025 8:03:34AM

FS43-4'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: SL		Batch: 2518032
Benzene	ND	0.0250	1	04/29/25	04/29/25	
Ethylbenzene	ND	0.0250	1	04/29/25	04/29/25	
Toluene	ND	0.0250	1	04/29/25	04/29/25	
o-Xylene	ND	0.0250	1	04/29/25	04/29/25	
p,m-Xylene	ND	0.0500	1	04/29/25	04/29/25	
Total Xylenes	ND	0.0250	1	04/29/25	04/29/25	
Surrogate: 4-Bromochlorobenzene-PID		88.3 %	70-130	04/29/25	04/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: SL		Batch: 2518032
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/29/25	04/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.6 %	70-130	04/29/25	04/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: NV		Batch: 2518040
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/25	04/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/25	04/29/25	
Surrogate: n-Nonane		98.4 %	61-141	04/29/25	04/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: JM		Batch: 2518031
Chloride	4190	100	5	04/29/25	04/29/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/5/2025 8:03:34AM

FS44-4'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2518032
Benzene	ND	0.0250	1	04/29/25	04/29/25	
Ethylbenzene	ND	0.0250	1	04/29/25	04/29/25	
Toluene	ND	0.0250	1	04/29/25	04/29/25	
o-Xylene	ND	0.0250	1	04/29/25	04/29/25	
p,m-Xylene	ND	0.0500	1	04/29/25	04/29/25	
Total Xylenes	ND	0.0250	1	04/29/25	04/29/25	
Surrogate: 4-Bromochlorobenzene-PID		89.4 %	70-130	04/29/25	04/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2518032
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/29/25	04/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.0 %	70-130	04/29/25	04/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2518040
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/25	04/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/25	04/29/25	
Surrogate: n-Nonane		102 %	61-141	04/29/25	04/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: JM		Batch: 2518031
Chloride	8400	100	5	04/29/25	04/29/25	



Chloride

Sample Data

Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/5/2025 8:03:34AM

FS45-4'

E504281-05							
Reporting							
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: SL		Batch: 2518032	
Benzene	ND	0.0250	1	04/29/25	04/29/25		
Ethylbenzene	ND	0.0250	1	04/29/25	04/29/25		
Toluene	ND	0.0250	1	04/29/25	04/29/25		
o-Xylene	ND	0.0250	1	04/29/25	04/29/25		
p,m-Xylene	ND	0.0500	1	04/29/25	04/29/25		
Total Xylenes	ND	0.0250	1	04/29/25	04/29/25		
Surrogate: 4-Bromochlorobenzene-PID		89.0 %	70-130	04/29/25	04/29/25		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: SL		Batch: 2518032	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/29/25	04/29/25		
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.6 %	70-130	04/29/25	04/29/25		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	rst: NV		Batch: 2518040	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/25	04/29/25	_	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/25	04/29/25		
Surrogate: n-Nonane		101 %	61-141	04/29/25	04/29/25		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: JM		Batch: 2518031	

100

8560

5

04/29/25

04/29/25



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/5/2025 8:03:34AM

FS46-4'

		D				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: SL	<u> </u>	Batch: 2518032
Benzene	ND	0.0250	1	04/29/25	04/29/25	
Ethylbenzene	ND	0.0250	1	04/29/25	04/29/25	
Toluene	ND	0.0250	1	04/29/25	04/29/25	
o-Xylene	ND	0.0250	1	04/29/25	04/29/25	
p,m-Xylene	ND	0.0500	1	04/29/25	04/29/25	
Total Xylenes	ND	0.0250	1	04/29/25	04/29/25	
Surrogate: 4-Bromochlorobenzene-PID		85.4 %	70-130	04/29/25	04/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2518032
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/29/25	04/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.5 %	70-130	04/29/25	04/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: NV		Batch: 2518040
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/25	04/29/25	_
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/25	04/29/25	
Surrogate: n-Nonane		99.9 %	61-141	04/29/25	04/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: JM		Batch: 2518031
Chloride	2620	40.0	2	04/29/25	04/29/25	



Chloride

Sample Data

Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/5/2025 8:03:34AM

FS47-4'

E504281-07								
Reporting								
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes		
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: SL		Batch: 2518032		
Benzene	ND	0.0250	1	04/29/25	04/29/25			
Ethylbenzene	ND	0.0250	1	04/29/25	04/29/25			
Toluene	ND	0.0250	1	04/29/25	04/29/25			
o-Xylene	ND	0.0250	1	04/29/25	04/29/25			
p,m-Xylene	ND	0.0500	1	04/29/25	04/29/25			
Total Xylenes	ND	0.0250	1	04/29/25	04/29/25			
Surrogate: 4-Bromochlorobenzene-PID		90.4 %	70-130	04/29/25	04/29/25			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2518032		
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/29/25	04/29/25			
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.4 %	70-130	04/29/25	04/29/25			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: NV		Batch: 2518040		
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/25	04/29/25			
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/25	04/29/25			
Surrogate: n-Nonane		99.7 %	61-141	04/29/25	04/29/25			
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: JM		Batch: 2518031		

40.0

2740

2

04/29/25

04/29/25



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/5/2025 8:03:34AM

FS48-4'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: SL		Batch: 2518032
Benzene	ND	0.0250	1	04/29/25	04/29/25	
Ethylbenzene	ND	0.0250	1	04/29/25	04/29/25	
Toluene	ND	0.0250	1	04/29/25	04/29/25	
o-Xylene	ND	0.0250	1	04/29/25	04/29/25	
p,m-Xylene	ND	0.0500	1	04/29/25	04/29/25	
Total Xylenes	ND	0.0250	1	04/29/25	04/29/25	
Surrogate: 4-Bromochlorobenzene-PID		87.3 %	70-130	04/29/25	04/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: SL		Batch: 2518032
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/29/25	04/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.6%	70-130	04/29/25	04/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: NV		Batch: 2518040
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/25	04/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/25	04/30/25	
Surrogate: n-Nonane		103 %	61-141	04/29/25	04/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: JM		Batch: 2518031
Chloride	2350	40.0	2	04/29/25	04/29/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/5/2025 8:03:34AM

FS49-4'

		E504281-09						
Reporting								
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes		
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2518032		
Benzene	ND	0.0250	1	04/29/25	04/29/25			
Ethylbenzene	ND	0.0250	1	04/29/25	04/29/25			
Toluene	ND	0.0250	1	04/29/25	04/29/25			
o-Xylene	ND	0.0250	1	04/29/25	04/29/25			
p,m-Xylene	ND	0.0500	1	04/29/25	04/29/25			
Total Xylenes	ND	0.0250	1	04/29/25	04/29/25			
Surrogate: 4-Bromochlorobenzene-PID		89.4 %	70-130	04/29/25	04/29/25			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2518032		
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/29/25	04/29/25			
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.1 %	70-130	04/29/25	04/29/25			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2518040		
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/25	04/30/25			
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/25	04/30/25			
Surrogate: n-Nonane		102 %	61-141	04/29/25	04/30/25			
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: JM		Batch: 2518031		
Chloride	3930	40.0	2	04/29/25	04/29/25			



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/5/2025 8:03:34AM

FS50-4'

		E504281-10						
Reporting								
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes		
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2518032		
Benzene	ND	0.0250	1	04/29/25	04/29/25			
Ethylbenzene	ND	0.0250	1	04/29/25	04/29/25			
Toluene	ND	0.0250	1	04/29/25	04/29/25			
o-Xylene	ND	0.0250	1	04/29/25	04/29/25			
p,m-Xylene	ND	0.0500	1	04/29/25	04/29/25			
Total Xylenes	ND	0.0250	1	04/29/25	04/29/25			
Surrogate: 4-Bromochlorobenzene-PID		89.8 %	70-130	04/29/25	04/29/25			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2518032		
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/29/25	04/29/25			
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.7 %	70-130	04/29/25	04/29/25			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2518040		
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/25	04/30/25			
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/25	04/30/25			
Surrogate: n-Nonane		100 %	61-141	04/29/25	04/30/25			
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: JM		Batch: 2518031		
Chloride	4190	40.0	2	04/29/25	04/29/25			



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/5/2025 8:03:34AM

FS52-4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: SL		Batch: 2518032
Benzene	ND	0.0250	1	04/29/25	04/29/25	
Ethylbenzene	ND	0.0250	1	04/29/25	04/29/25	
Toluene	ND	0.0250	1	04/29/25	04/29/25	
o-Xylene	ND	0.0250	1	04/29/25	04/29/25	
p,m-Xylene	ND	0.0500	1	04/29/25	04/29/25	
Total Xylenes	ND	0.0250	1	04/29/25	04/29/25	
Surrogate: 4-Bromochlorobenzene-PID		88.4 %	70-130	04/29/25	04/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2518032
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/29/25	04/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.9 %	70-130	04/29/25	04/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: NV		Batch: 2518040
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/25	04/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/25	04/30/25	
Surrogate: n-Nonane		102 %	61-141	04/29/25	04/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: JM		Batch: 2518031
Chloride	9470	200	10	04/29/25	04/29/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/5/2025 8:03:34AM

FS53-4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: SL		Batch: 2518032
Benzene	ND	0.0250	1	04/29/25	04/29/25	
Ethylbenzene	ND	0.0250	1	04/29/25	04/29/25	
Toluene	ND	0.0250	1	04/29/25	04/29/25	
o-Xylene	ND	0.0250	1	04/29/25	04/29/25	
p,m-Xylene	ND	0.0500	1	04/29/25	04/29/25	
Total Xylenes	ND	0.0250	1	04/29/25	04/29/25	
Surrogate: 4-Bromochlorobenzene-PID		91.5 %	70-130	04/29/25	04/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2518032
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/29/25	04/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.0 %	70-130	04/29/25	04/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: NV		Batch: 2518040
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/25	04/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/25	04/30/25	
Surrogate: n-Nonane		101 %	61-141	04/29/25	04/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: JM		Batch: 2518031
Chloride	8660	200	10	04/29/25	04/29/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/5/2025 8:03:34AM

FS73-4'

E504281-13

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: SL		Batch: 2518032
Benzene	ND	0.0250	1	04/29/25	04/29/25	
Ethylbenzene	ND	0.0250	1	04/29/25	04/29/25	
Toluene	ND	0.0250	1	04/29/25	04/29/25	
o-Xylene	ND	0.0250	1	04/29/25	04/29/25	
p,m-Xylene	ND	0.0500	1	04/29/25	04/29/25	
Total Xylenes	ND	0.0250	1	04/29/25	04/29/25	
Surrogate: 4-Bromochlorobenzene-PID		91.8 %	70-130	04/29/25	04/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: SL		Batch: 2518032
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/29/25	04/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.5 %	70-130	04/29/25	04/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: NV		Batch: 2518040
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/25	04/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/25	04/30/25	
Surrogate: n-Nonane		99.6 %	61-141	04/29/25	04/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: JM		Batch: 2518031
Chloride	1950	40.0	2	04/29/25	04/29/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/5/2025 8:03:34AM

FS74-4'

		E504281-14				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2518032
Benzene	ND	0.0250	1	04/29/25	04/29/25	
Ethylbenzene	ND	0.0250	1	04/29/25	04/29/25	
Toluene	ND	0.0250	1	04/29/25	04/29/25	
o-Xylene	ND	0.0250	1	04/29/25	04/29/25	
p,m-Xylene	ND	0.0500	1	04/29/25	04/29/25	
Total Xylenes	ND	0.0250	1	04/29/25	04/29/25	
Surrogate: 4-Bromochlorobenzene-PID		89.7 %	70-130	04/29/25	04/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2518032
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/29/25	04/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.5 %	70-130	04/29/25	04/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2518040
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/25	04/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/25	04/30/25	
Surrogate: n-Nonane		102 %	61-141	04/29/25	04/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: JM		Batch: 2518031
Chloride	4220	40.0	2	04/29/25	04/29/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/5/2025 8:03:34AM

FS75-4'

E504281-15

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	alyst: SL		Batch: 2518032
Benzene	ND	0.0250	1	04/29/25	04/30/25	
Ethylbenzene	ND	0.0250	1	04/29/25	04/30/25	
Toluene	ND	0.0250	1	04/29/25	04/30/25	
o-Xylene	ND	0.0250	1	04/29/25	04/30/25	
p,m-Xylene	ND	0.0500	1	04/29/25	04/30/25	
Total Xylenes	ND	0.0250	1	04/29/25	04/30/25	
Surrogate: 4-Bromochlorobenzene-PID		90.3 %	70-130	04/29/25	04/30/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	alyst: SL		Batch: 2518032
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/29/25	04/30/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.0 %	70-130	04/29/25	04/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	alyst: NV		Batch: 2518040
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/25	04/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/25	04/30/25	
Surrogate: n-Nonane		96.8 %	61-141	04/29/25	04/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	alyst: JM		Batch: 2518031
·	1190	20.0	-	04/29/25	04/29/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/5/2025 8:03:34AM

FS76-4' E504281-16

		E504281-10				
Aughte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Analyte	Kesuit	Limit	Dilution	riepared	Analyzed	notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: SL		Batch: 2518032
Benzene	ND	0.0250	1	04/29/25	04/30/25	
Ethylbenzene	ND	0.0250	1	04/29/25	04/30/25	
Toluene	ND	0.0250	1	04/29/25	04/30/25	
o-Xylene	ND	0.0250	1	04/29/25	04/30/25	
p,m-Xylene	ND	0.0500	1	04/29/25	04/30/25	
Total Xylenes	ND	0.0250	1	04/29/25	04/30/25	
Surrogate: 4-Bromochlorobenzene-PID		91.8 %	70-130	04/29/25	04/30/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2518032
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/29/25	04/30/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.3 %	70-130	04/29/25	04/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: NV		Batch: 2518040
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/25	04/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/25	04/30/25	
Surrogate: n-Nonane		104 %	61-141	04/29/25	04/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	/st: JM		Batch: 2518031
Chloride	866	20.0	1	04/29/25	04/29/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/5/2025 8:03:34AM

SW04-0-4'

		E504281-17					
Reporting							
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2518032	
Benzene	ND	0.0250	1	04/29/25	04/30/25		
Ethylbenzene	ND	0.0250	1	04/29/25	04/30/25		
Toluene	ND	0.0250	1	04/29/25	04/30/25		
o-Xylene	ND	0.0250	1	04/29/25	04/30/25		
p,m-Xylene	ND	0.0500	1	04/29/25	04/30/25		
Total Xylenes	ND	0.0250	1	04/29/25	04/30/25		
Surrogate: 4-Bromochlorobenzene-PID		91.2 %	70-130	04/29/25	04/30/25		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2518032	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/29/25	04/30/25		
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.8 %	70-130	04/29/25	04/30/25		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2518040	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/25	04/30/25		
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/25	04/30/25		
Surrogate: n-Nonane		102 %	61-141	04/29/25	04/30/25		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: JM		Batch: 2518031	
Chloride	62.3	20.0	1	04/29/25	04/29/25	·	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/5/2025 8:03:34AM

SW05-0-4'

		E504281-18				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: SL		Batch: 2518032
Benzene	ND	0.0250	1	04/29/25	04/30/25	
Ethylbenzene	ND	0.0250	1	04/29/25	04/30/25	
Toluene	ND	0.0250	1	04/29/25	04/30/25	
o-Xylene	ND	0.0250	1	04/29/25	04/30/25	
p,m-Xylene	ND	0.0500	1	04/29/25	04/30/25	
Total Xylenes	ND	0.0250	1	04/29/25	04/30/25	
Surrogate: 4-Bromochlorobenzene-PID		90.1 %	70-130	04/29/25	04/30/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: SL		Batch: 2518032
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/29/25	04/30/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.5 %	70-130	04/29/25	04/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2518040
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/25	04/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/25	04/30/25	
Surrogate: n-Nonane		103 %	61-141	04/29/25	04/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: JM		Batch: 2518031
Chloride	132	20.0	1	04/29/25	04/29/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/5/2025 8:03:34AM

SW06-0-4' E504281-19

		E504281-19				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Analyte	Resuit	Limit	Dilution	riepared	Ananyzed	inotes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: SL		Batch: 2518032
Benzene	ND	0.0250	1	04/29/25	04/30/25	
Ethylbenzene	ND	0.0250	1	04/29/25	04/30/25	
Toluene	ND	0.0250	1	04/29/25	04/30/25	
o-Xylene	ND	0.0250	1	04/29/25	04/30/25	
p,m-Xylene	ND	0.0500	1	04/29/25	04/30/25	
Total Xylenes	ND	0.0250	1	04/29/25	04/30/25	
Surrogate: 4-Bromochlorobenzene-PID		91.3 %	70-130	04/29/25	04/30/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: SL		Batch: 2518032
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/29/25	04/30/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.8 %	70-130	04/29/25	04/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2518040
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/25	04/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/25	04/30/25	
Surrogate: n-Nonane		102 %	61-141	04/29/25	04/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: JM		Batch: 2518031
Chloride	131	20.0	1	04/29/25	04/29/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/5/2025 8:03:34AM

SW22-0-4' E504281-20

		E504281-20				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Analyte	Result	Limit	Dilution	Frepared	Ananyzeu	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: SL		Batch: 2518032
Benzene	ND	0.0250	1	04/29/25	04/30/25	
Ethylbenzene	ND	0.0250	1	04/29/25	04/30/25	
Toluene	ND	0.0250	1	04/29/25	04/30/25	
o-Xylene	ND	0.0250	1	04/29/25	04/30/25	
p,m-Xylene	ND	0.0500	1	04/29/25	04/30/25	
Total Xylenes	ND	0.0250	1	04/29/25	04/30/25	
Surrogate: 4-Bromochlorobenzene-PID		91.5 %	70-130	04/29/25	04/30/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: SL		Batch: 2518032
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/29/25	04/30/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.0 %	70-130	04/29/25	04/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2518040
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/25	04/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/25	04/30/25	
Surrogate: n-Nonane		103 %	61-141	04/29/25	04/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: JM		Batch: 2518031
Chloride	73.8	20.0	1	04/29/25	04/29/25	



		QC b	umm	ii y Dat	a				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:	01	GR Pipeline S 1058-0007 shley Gioven				5/5	Reported: /2025 8:03:34AM
		Volatile O	rganics l	by EPA 802	21B				Analyst: SL
		Reporting	Spike	Source		Rec		RPD	-
Analyte	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2518032-BLK1)							Prepared: 0	4/29/25 Analy	yzed: 04/29/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.76		8.00		84.5	70-130			
LCS (2518032-BS1)							Prepared: 0	4/29/25 Analy	yzed: 04/29/25
Benzene	4.84	0.0250	5.00		96.9	70-130			
Ethylbenzene	4.79	0.0250	5.00		95.9	70-130			
Toluene	4.83	0.0250	5.00		96.7	70-130			
o-Xylene	4.73	0.0250	5.00		94.6	70-130			
p,m-Xylene	9.71	0.0500	10.0		97.1	70-130			
Total Xylenes	14.4	0.0250	15.0		96.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.00		8.00		87.5	70-130			
Matrix Spike (2518032-MS1)				Source:	E504281-	06	Prepared: 0	4/29/25 Analy	yzed: 04/29/25
Benzene	4.92	0.0250	5.00	ND	98.4	70-130			
Ethylbenzene	4.84	0.0250	5.00	ND	96.9	70-130			
Toluene	4.89	0.0250	5.00	ND	97.8	70-130			
p-Xylene	4.78	0.0250	5.00	ND	95.5	70-130			
p,m-Xylene	9.79	0.0500	10.0	ND	97.9	70-130			
Total Xylenes	14.6	0.0250	15.0	ND	97.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.86		8.00		85.8	70-130			
Matrix Spike Dup (2518032-MSD1)				Source:	E504281-	06	Prepared: 0	4/29/25 Anal	yzed: 04/29/25
Benzene	5.27	0.0250	5.00	ND	105	70-130	6.95	27	
Ethylbenzene	5.19	0.0250	5.00	ND	104	70-130	6.97	26	
Toluene	5.24	0.0250	5.00	ND	105	70-130	6.86	20	
o-Xylene	5.10	0.0250	5.00	ND	102	70-130	6.63	25	
p,m-Xylene	10.5	0.0500	10.0	ND	105	70-130	6.86	23	
Total Xylenes	15.6	0.0250	15.0	ND	104	70-130	6.78	26	

8.00

6.87

85.8

70-130



Surrogate: 4-Bromochlorobenzene-PID

QC Summary Data

Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/5/2025 8:03:34AM

Artesia NM, 88210		Project Manage	r: As	hley Giovens	go			5	/5/2025 8:03:34AM
	Non		Analyst: SL						
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2518032-BLK1)							Prepared: 0	4/29/25 Ana	alyzed: 04/29/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.44		8.00		93.0	70-130			
LCS (2518032-BS2)							Prepared: 0	4/29/25 Ana	alyzed: 04/29/25
Gasoline Range Organics (C6-C10)	43.6	20.0	50.0		87.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.57		8.00		94.6	70-130			
Matrix Spike (2518032-MS2)				Source:	E504281-	06	Prepared: 0	4/29/25 Ana	alyzed: 04/29/25
Gasoline Range Organics (C6-C10)	46.6	20.0	50.0	ND	93.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.58		8.00		94.8	70-130			
Matrix Spike Dup (2518032-MSD2)				Source:	E504281-	06	Prepared: 0	4/29/25 Ana	alyzed: 04/29/25
Gasoline Range Organics (C6-C10)	44.1	20.0	50.0	ND	88.1	70-130	5.54	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.58		8.00		94.7	70-130			

Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/5/2025 8:03:34AM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go				5/5/2025 8:03:34AN
	Nonha		Analyst: NV						
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2518040-BLK1)							Prepared: 0	4/29/25 An	alyzed: 04/29/25
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.0		50.0		98.1	61-141			
LCS (2518040-BS1)							Prepared: 0	4/29/25 An	alyzed: 04/29/25
Diesel Range Organics (C10-C28)	278	25.0	250		111	66-144			
Surrogate: n-Nonane	51.0		50.0		102	61-141			
Matrix Spike (2518040-MS1)				Source:	E504281-	06	Prepared: 0	4/29/25 An	alyzed: 04/29/25
Diesel Range Organics (C10-C28)	281	25.0	250	ND	112	56-156			
Surrogate: n-Nonane	50.0		50.0		100	61-141			
Matrix Spike Dup (2518040-MSD1)				Source:	E504281-	06	Prepared: 0	4/29/25 An	alyzed: 04/29/25
Diesel Range Organics (C10-C28)	293	25.0	250	ND	117	56-156	4.44	20	
Surrogate: n-Nonane	51.6		50.0		103	61-141			

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		GR Pipeline S .058-0007	pill				Reported:
Artesia NM, 88210		Project Manager		shley Gioveng	go				5/5/2025 8:03:34AM
		Anions	by EPA 3	300.0/9056 <i>A</i>	4				Analyst: JM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2518031-BLK1)							Prepared: 0	4/29/25	Analyzed: 04/29/25
Chloride	ND	20.0							
LCS (2518031-BS1)							Prepared: 0	4/29/25	Analyzed: 04/29/25
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2518031-MS1)				Source:	E504281-0)1	Prepared: 0	4/29/25	Analyzed: 04/29/25
Chloride	8880	200	250	9480	NR	80-120			M4
Matrix Spike Dup (2518031-MSD1)				Source:	E504281-0)1	Prepared: 0	4/29/25	Analyzed: 04/29/25
Chloride	7990	200	250	9480	NR	80-120	10.6	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

ſ	Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
l	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
l	Artesia NM, 88210	Project Manager:	Ashley Giovengo	05/05/25 08:03

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

associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



envirotech
Analytical Laboratory

	Clie	nt Inforn	nation			Invoice Information						La	b Us	e Or	nly				TAT State					
Client: I	Devon				Comp	any: De	von Energy		La	ab V	NO#	-			Num		-	1D	2D	3D Std		NM	CO UT	TX
Project:	TGR Pipeline	e Spill			Addre	ess: 5315	Buena Vista Dr		_ E	EC	200	28		DIO	58.	av	1			x		Х		
Project I	Manager: As	hley Giov	vengo		City, S	State, Zip	: Carlsbad NM, 88	220	_															
	: 3122 Natio				Phone	: (575)68	89-7597							Ana	lysis	and	nd Method					EPA Program		
	te, Zip: Carls		88220				y@dvn.com					7.11									SDI	NA	CWA	RCRA
	575-988-005				Miscell	laneous: J	Jim Raley																	1
Email: a	igiovengo@e	nsolum.c	com									8015									-	plian	e Y	or N
-				Cample I	Information	ormation					by 8015	by 8	021	097	0.00	×.	RCRA 8 Metals		Σ		PWS			
Time				Jampie		ormation			Lah	1	ORO	DRO	by 8	by 8	ide	1005	8		C - N	C1	Samle	mp	Re	marks
Sampled	Date Sampled	Matrix	No. of Containers		Sai	mple ID		Filte	Lab Numb	ber	DRO/ORO	GRO/DRO by	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA		BGDOC - NM	KT - DOGDB	Sa	Te		
1358	4/25/2025	Soil	1		F	23-	41		1										x		2:	7		
1400	4/25/2025	Soil	1		1	24	i		2										x		2			
1349	4/25/2025	Soil	1			43			3										x		4.	9		
1347	4/25/2025	Soil	1			44			4										x		4.	1		
1348	4/25/2025	Soil	1			45			5										х			6		
1354	4/25/2025	Soil	1			46			6										х		4.			
1353	4/25/2025	Soil	1			47			7										х			0		
1350	4/25/2025	Soil	1			48			8										х		3.	-		
1354	4/25/2025	Soil	1			49			9										х		4.	1		
1350	4/25/2025	Soil	1		V	50	V		10										х		5.	0		
	nal Instructio	ns: Ple	ease CC: o	burton@ense	olum.com. a		@ensolum.com, j	im.rale	v@dvi	n.co	om.	estr	ella@	@ens	olum	.com	ı. cha	amilt	on@	ensolur	n.con	١.		
	ensolum.cor					00-	C,		, -		200													
I, (field sam	pler), attest to the	e validity and	d authenticit	y of this sample. I a	am aware that tar	mpering with	or intentionally mislabeli	ng the sa	mple loca	ation,	, date	or tim	e of co	ollectio	n is co	nsidere	d frau	d and	may b	e grounds fo	r legal	action.		
Sampled by	Svac	Estr	ella										1											
Relinquish	ed by: (Signatur	rg) _	0	Date	Time		Received by: (Signa	ture)	200			Date	1.	15	201	Jime	In	11	F				equiring t	
		(2	+	4/28/2	15 72	11	0	1737	17	- 12		1		20	6	,	LU	7	U	4 1'				eceived o
Relinquish	ed by: (Signatur	re)		Pace 1, 19	15 Time	530	Received by: Signa	ture)	1	OE II	UP"	Date	2	8.	21	Time		-7						ampled or
n-liA	-d b (C)		0	121	Time	130	(Helen (<u>M.</u>	-0.0	-		Date	٠.	0.	US	Time	1>	200)	4		•		at a temp in 6°C on
Reinquish	ed by: (Signatur	11		4.28.	25 27	215	Received by: Cago	ture)	WA.			4.	79	.25	_	01	5						quent da	
and Downish	ed by: (Signatur	٠ ٢٠		Date		212	Control Sign	A TO	WA	VP		Date	6	.03		Time		-	-	-	-		Use On	
i re niiquisii	eu by. (Signatur	ej		Dute	e Time Received by: (Si			ture)								,,,,,,,								
Relinquish	ed by: (Signatur	re)		Date	Time	Time Received by: (Sign						Date				Time				Received on ice:				
Sample Mas	rix: S - Soil, Sd - Se	olid Sa - Clu	dge A - Agus	ous O - Other				ICon	tainer 1	Type	. o -	plass	n -	poly/	plasti	ag -	amh	er gl:	ass. 1	- VOA		_		
					inless other arr	angements	are made. Hazardous														for the	e anal	ysis of the	above

	Clie	nt Inforn	nation				nvoice Inform	ation				La	b Us	e Or	ly				TA	AT		State		
Client: D	evon					Company:	Devon Energy			Lab	WO	ŧ .		Job	Num	oer	_	1D	2D	3D S	d	NM	CO UT	TX
Project:	TGR Pipeline	e Spill				Address: 53	315 Buena Vist	a Dr		EF	S	12	61	ac	320	a	11		3.7	x		x		
Project N	lanager: As	hley Giov	engo			City, State,	Zip: Carlsbad N	NM, 88220						-										
	3122 Natio					Phone: (575)689-7597							Ana	lysis	and	Met	hod				EF	A Progra	am
	e, Zip: Carls					A STATE OF THE STA	aley@dvn.com	1													S	DWA	CWA	RCRA
	75-988-005					Miscellaneou															1			
	giovengo@e		om			Miscendificod	is. siiii naicy				2	S			1 3						Co	mplian	ce Y	or 1
21114111											8015	8015			0		S				PI	WSID#		
				Samp	le Inform	mation					o by	O by	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		Σ	×	10	a 0		
Time	Art. Jon you	FA 10	No. of					-	₽ a La	ab	DRO/ORO	GRO/DRO	k by	by 8	ride	100	A 8 1		BGDOC - NM	- 20		Samle Temp	Rem	narks
Sampled	Date Sampled	Matrix	Containers			Sample ID			Num Filter	nber	DRG	GRO	BTE)	00/	Chlo	TCEC	RCR		BGD	верос-		χ ⊢		
1356	4/25/2025	Soil	1			FS52-	41		l	1									x		5	8.0		
1357	4/25/2025	Soil	1			1 53	1		1:	2									x		L	4.4		
1351	4/25/2025	Soil	1			73			1'	3									X		6	0.0		
1352	4/25/2025	Soil	1			74			10	4									X		3	1.6		
1355	4/25/2025	Soil	1			75			15	5									X		4	1.3		
1355	4/25/2025	Soil	1			V76	1		10										x		(4)	3.3		
	4/25/2025	Soil	1																x					
	4/25/2025	Soil	1																х					
	4/25/2025	Soil	1								T								x					
	4/25/2025	Soil	1																x					
Addition	al Instruction	ns: Ple	ease CC: o	:burton@e	nsolum	.com, agiover	ngo@ensolum.	.com, jim.	raley@d	vn.c	om,	iestr	ella@	ens	olum	.com	, ch	amilt	on@	Pensol	ım.co	om,		
	ensolum.co																							
	Sval	e validity an		y of this sample	e. I am awa	re that tampering	with or intentionally	mislabeling t	the sample lo	ocatio	n, date	or tim	e of co	ollectio	n is co	nsidere	d frau	ud and r	nay b	e ground:	for leg	al action.		
N	ed by: (Signatu	177	+	Date 4 129	chr	Time 7:11	Received b	y: (Signature	e)	all	4(7	2ªte	-2	8.2	5	Time	12	49	,				equiring th	
Relinquishe	d by: (Signatu	re)		Date	3-25	Time 5 3	Received	: (Signatur	e) U			Date	4.	18.	20	Time	7	30		1 [ice th	e day th	hey are sa ked on ice	mpled o
Relinquishe	ed by: (Signatu	L.	ø	U.28	3.25	722 15	Received b	y: Signatur	e) Ala			Date	6.6.	7		Time	81	5				ve 0 bu	t less than	n 6°C on
Relinquishe	d by: (Signatu	re)		Date		Time	Received b	y: (Signatur	e) W/	y p		Date		-		Time	-					Lab	Use Only	y
, , , , , ,				1				S. Carrier	100														ved on ic	
Relinquishe	d by: (Signatu	re)		Date		Time	Received b	y: (Signatur	e)			Date				Time	Ī						YN	
Sample Mati	ix: S - Soil, Sd - S	iolid, Sg - Slu	dge, A - Aque	ous, O - Other					Container	г Тур	e: g -	glass	, p - I	ooly/	plasti	, ag -	amb	oer gla	iss, v	- VOA				
						other arrangeme	nts are made. Haz	zardous sam	ples will be	e retu	irned	to clie	nt or	dispo	sed of	at the	clien	nt expe	nse.	The repo	rt for	the anal	ysis 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

Matrix

Soil

Date Sampled

4/25/2025

4/25/2025

4/25/2025

4/25/2025

4/25/2025

4/25/2025

4/25/2025

4/25/2025

4/25/2025

4/25/2025

Sampled

1405

140

1401

1402

No. of

Containers

1

1

1

1

1

1

1

1

1

1

Chain of Custody

Invoice Information

Company: Devon Energy

Phone: (575)689-7597

Miscellaneous: Jim Raley

Sample ID

06

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.

SW04-0-41

Sample Information

Email: jim.raley@dvn.com

Address: 5315 Buena Vista Dr

City, State, Zip: Carlsbad NM, 88220

TAT

BGDOC - NM BGDOC - TX

X

X

X

X

X

X

X

X

X

Lab Use Only

BTEX by 8021 VOC by 8260

Job Number

01058.0001

Chloride 300.0

Analysis and Method

RCRA 8 Metals TCEQ 1005 - TX

Lab WO#

Lab

Number

9

EDOY281

bmoir@ensolum.com						
I, (field sampler), attest to the validity and au	thenticity of this sample. I	am aware that tampering	with or intentionally mislabeling the sample local	ation, date or time of collec	tion is considered fraud and n	nay be grounds for legal action.
Sampled by: IGTA el				١.		
Relinquished by: (Signature)	Date 4/28/2	5 10 HO	Received by: (Signature)	Date 1-26	75 TIM 048	Samples requiring thermal preservation must be received
Relinquished by: (Signature)	Date 29.	15 1534	Received by: (Signature)	4.28	23 133	ice the day they are sampled or received packed on ice at a ten
Relinquished by: (Signature)	Date 4.28.2	5 ZZ13	Received by (Signature)	- 4/29/2	5 815	above 0 but less than 6°C on subsequent days.
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice:
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	O N
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge,	, A - Aqueous, O - Other		Container	Type: g - glass, p - poly	//plastic, ag - amber gla	ss, v - VOA
Note: Samples are discarded 14 days aft	ter results are reported u	inless other arrangeme	nts are made. Hazardous samples will be r	returned to client or disp	osed of at the client expe	nse. The report for the analysis of the above

envirotech Inc.

Printed: 4/29/2025 10:20:10AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	04/29/25	08:15	Work Order ID:	E504281
Phone:	(505) 382-1211	Date Logged In:	04/28/25	15:03	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	05/05/25	17:00 (4 day TAT)		
Chain of	Custody (COC)					
	he sample ID match the COC?		Yes			
	he number of samples per sampling site location ma	tch the COC	Yes			
3. Were s	samples dropped off by client or carrier?		Yes	Carrier: Courier		
4. Was th	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes			
5. Were a	all samples received within holding time?		Yes			
	Note: Analysis, such as pH which should be conducted it.e, 15 minute hold time, are not included in this disucss	•			Comment	ts/Resolution
Sample '	Furn Around Time (TAT)					
	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample (
7. Was a	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was th	e sample(s) received intact, i.e., not broken?		Yes			
	custody/security seals present?		No			
	s, were custody/security seals intact?		NA			
-	ne sample received on ice?					
12. was u	Note: Thermal preservation is not required, if samples a	re received within	Yes			
	15 minutes of sampling					
13. See C	COC for individual sample temps. Samples outside of	of 0°C-6°C will be	recorded	in comments.		
Sample (Container_					
14. Are a	queous VOC samples present?		No			
15. Are \	OC samples collected in VOA Vials?		NA			
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA			
17. Was a	a trip blank (TB) included for VOC analyses?		NA			
18. Are n	on-VOC samples collected in the correct containers	s?	Yes			
19. Is the	appropriate volume/weight or number of sample contain	iners collected?	Yes			
Field La	<u>bel</u>					
20. Were	field sample labels filled out with the minimum inf	ormation:				
	sample ID?		Yes			
	Date/Time Collected?		Yes			
	Collectors name?		Yes			
	Preservation the COC or field lebels indicate the semanter were re	magamyad?	NI-			
	the COC or field labels indicate the samples were p	reserved?	No			
	ample(s) correctly preserved?	otolo?	NA			
	filtration required and/or requested for dissolved m	iciais?	No			
	ase Sample Matrix					
	the sample have more than one phase, i.e., multipha		No			
27. If yes	s, does the COC specify which phase(s) is to be anal	yzed'?	NA			
Subcont	ract Laboratory					
	amples required to get sent to a subcontract laborate	•	No			
29. Was a	a subcontract laboratory specified by the client and i	if so who?	NA	Subcontract Lab: NA		
Client I	<u>nstruction</u>					
						1
1						

Date

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

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: TGR Pipeline Spill

Work Order: E504292

Job Number: 01058-0007

Received: 4/30/2025

Revision: 3

Report Reviewed By:

Walter Hinchman Laboratory Director 5/6/25

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

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

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

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

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

Date Reported: 5/6/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: TGR Pipeline Spill

Workorder: E504292

Date Received: 4/30/2025 8:00:00AM

Ashley Giovengo,

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

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

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

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

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Cell: 505-320-4759

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Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	9
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Sample Summary

De	von Energy - Carlsbad	Project Name:	TGR Pipeline Spill	Donoutode
648	38 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Art	tesia NM, 88210	Project Manager:	Ashley Giovengo	05/06/25 10:16

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BF01	E504292-01A	Soil	04/28/25	04/30/25	Glass Jar, 2 oz.
BF02	E504292-02A	Soil	04/28/25	04/30/25	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/6/2025 10:16:12AM

BF01 E504292-01

		E304292-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Analyte	Resuit	Lillit	Dilution	Frepared	Allalyzeu	Notes
Volatile Organics by EPA 8021B		mg/kg	Analys	Analyst: BA		Batch: 2518053
Benzene	ND	0.0250	1	04/30/25	05/01/25	
Ethylbenzene	ND	0.0250	1	04/30/25	05/01/25	
Toluene	ND	0.0250	1	04/30/25	05/01/25	
o-Xylene	ND	0.0250	1	04/30/25	05/01/25	
p,m-Xylene	ND	0.0500	1	04/30/25	05/01/25	
Total Xylenes	ND	0.0250	1	04/30/25	05/01/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	04/30/25	05/01/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2518053
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/30/25	05/01/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.4 %	70-130	04/30/25	05/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KH		Batch: 2518063
Diesel Range Organics (C10-C28)	ND	25.0	1	04/30/25	04/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/30/25	04/30/25	
Surrogate: n-Nonane		96.6 %	61-141	04/30/25	04/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2518061
Chloride	ND	20.0	1	04/30/25	04/30/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/6/2025 10:16:12AM

BF02

E504292-02

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2518053
Benzene	ND	0.0250	1	04/30/25	05/01/25	
Ethylbenzene	ND	0.0250	1	04/30/25	05/01/25	
Toluene	ND	0.0250	1	04/30/25	05/01/25	
o-Xylene	ND	0.0250	1	04/30/25	05/01/25	
p,m-Xylene	ND	0.0500	1	04/30/25	05/01/25	
Total Xylenes	ND	0.0250	1	04/30/25	05/01/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	04/30/25	05/01/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	Analyst: BA		Batch: 2518053
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/30/25	05/01/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.9 %	70-130	04/30/25	05/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2518063
Diesel Range Organics (C10-C28)	ND	25.0	1	04/30/25	04/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/30/25	04/30/25	
Surrogate: n-Nonane		94.2 %	61-141	04/30/25	04/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2518061
	ND	20.0		04/30/25	04/30/25	



TGR Pipeline Spill Devon Energy - Carlsbad Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Ashley Giovengo 5/6/2025 10:16:12AM **Volatile Organics by EPA 8021B** Analyst: BA Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2518053-BLK1) Prepared: 04/30/25 Analyzed: 05/01/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 8.12 8.00 102 70-130 LCS (2518053-BS1) Prepared: 04/30/25 Analyzed: 05/01/25 5.71 114 70-130 5.00 Benzene 0.0250 Ethylbenzene 5.63 0.0250 5.00 113 70-130 5.69 0.0250 5.00 114 70-130 Toluene 111 o-Xylene 5.56 0.0250 5.00 70-130 11.3 10.0 113 70-130 0.0500 p.m-Xvlene 113 70-130 16.9 15.0 Total Xylenes 0.0250 8.00 101 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.06 Matrix Spike (2518053-MS1) Source: E504293-04 Prepared: 04/30/25 Analyzed: 05/01/25 5.46 0.0250 5.00 ND 70-130 Benzene ND 107 70-130 Ethylbenzene 5.34 0.0250 5.00 Toluene 5.42 0.0250 5.00 ND 108 70-130 5.28 ND 106 70-130 5.00 0.0250 o-Xylene p,m-Xylene 10.7 0.0500 10.0 ND 107 70-130 16.0 0.0250 15.0 ND 70-130 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.17 8.00 Matrix Spike Dup (2518053-MSD1) Source: E504293-04 Prepared: 04/30/25 Analyzed: 05/01/25 5.36 0.0250 5.00 ND 70-130 1.80 27 ND 70-130 1.44 5.26 0.0250 5.00 105 26 Ethylbenzene Toluene 5 33 0.0250 5.00 ND 107 70-130 1.61 20 5.20 5.00 ND 104 70-130 1.57 25 o-Xylene 0.0250 1.25 23 10.6 10.0 ND 106 70-130

0.0500

0.0250

15.0

8.00

ND

105

102

70-130

70-130

1.36

26

15.8

8.19



p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Number:	TGR Pipeline Spill 01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/6/2025 10:16:12AM

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go			5/6	/2025 10:16:12AM	
	Non	halogenated	Organics l	by EPA 80	15D - Gl	RO		Analyst: BA		
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes	
Blank (2518053-BLK1)							Prepared: 0	4/30/25 Anal	yzed: 05/01/25	
Gasoline Range Organics (C6-C10)	ND	20.0								
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.30		8.00		91.3	70-130				
LCS (2518053-BS2)							Prepared: 0-	4/30/25 Anal	yzed: 05/01/25	
Gasoline Range Organics (C6-C10)	44.8	20.0	50.0		89.7	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.44		8.00		92.9	70-130				
Matrix Spike (2518053-MS2)				Source:	E504293-	04	Prepared: 0-	4/30/25 Anal	yzed: 05/01/25	
Gasoline Range Organics (C6-C10)	41.2	20.0	50.0	ND	82.4	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.41		8.00		92.6	70-130				
Matrix Spike Dup (2518053-MSD2)				Source:	E504293-	04	Prepared: 0	4/30/25 Anal	yzed: 05/01/25	
Gasoline Range Organics (C6-C10)	41.6	20.0	50.0	ND	83.1	70-130	0.870	20		
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.49		8.00		93.6	70-130				

Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/6/2025 10:16:12AM

	Project Manage	r: As	hley Gioveng	go				5/6/2025 10:16:12AN
Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: KH
Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
						Prepared: 0-	4/30/25 A	nalyzed: 04/30/25
ND	25.0							
ND	50.0							
46.7		50.0		93.4	61-141			
						Prepared: 0	4/30/25 A	nalyzed: 04/30/25
254	25.0	250		101	66-144			
47.1		50.0		94.2	61-141			
			Source:	E504292-	02	Prepared: 0-	4/30/25 A	nalyzed: 04/30/25
265	25.0	250	ND	106	56-156			
47.9		50.0		95.8	61-141			
			Source:	E504292-0	02	Prepared: 0	4/30/25 A	nalyzed: 04/30/25
266	25.0	250	ND	107	56-156	0.554	20	
48.5		50.0		97.1	61-141			
	Result mg/kg ND ND 46.7 254 47.1	Nonhalogenated Organic Reporting Limit mg/kg mg/kg ND 25.0 ND 50.0 46.7 254 25.0 47.1 265 25.0 47.9 266 25.0	Nonhalogenated Organics by	Nonhalogenated Organics by EPA 80151 Result	Nonhalogenated Organics by EPA 8015D - DRO Result Limit Level Result Rec mg/kg mg/kg mg/kg mg/kg % ND	Nonhalogenated Organics by EPA 8015D - DRO/ORO Result Limit Level Result Rec Limits mg/kg mg/kg mg/kg mg/kg mg/kg % % % %	Nonhalogenated Organics by EPA 8015D - DRO/ORO Result Limit Level Result Rec Limits RPD mg/kg mg/kg mg/kg mg/kg % % % % % % % % % % % % % % % % % %	Result mg/kg Reporting Limit Level mg/kg Spike mg/kg Source Result Rec Limits RPD Limit RPD Limit RPD Limit RPD Mg/kg RPD Limit RPD Limit RPD Mg/kg RPD Mg/k



Chloride

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		GR Pipeline S 058-0007	pill				Reported:
Artesia NM, 88210		Project Manager	: As	hley Giovens	go				5/6/2025 10:16:12AM
		Anions	by EPA 3	00.0/9056	4				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2518061-BLK1)							Prepared: 0	4/30/25 A	Analyzed: 04/30/25
Chloride	ND	20.0							
LCS (2518061-BS1)							Prepared: 0	4/30/25 A	Analyzed: 04/30/25
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2518061-MS1)				Source:	E504294-	02	Prepared: 0	4/30/25 A	Analyzed: 04/30/25
Chloride	540	20.0	250	295	98.0	80-120			
Matrix Spike Dup (2518061-MSD1)				Source:	E504294-	02	Prepared: 0	4/30/25 A	Analyzed: 04/30/25

250

20.0

295

101

80-120

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:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	05/06/25 10:16

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.



Imaging: 6/10/2025 3:21:47 PM

subsequent days.

Lab Use Only

Received on ice: YN

Circ	nt Inform	nation	N	Inv	oice Information		L.		La	b Us	e On	ly				TA	T		Stat	te
Client: Devon				Company: De			Lab	304	200	2	Job	Num	ber	7	1D	2D	3D Std	NM	CO UT	TX
Project: TGR Pipelin					5 Buena Vista Dr		E	204	29	4	Olo	28.	W	1			×	×		
Project Manager: As		7.77		Phone: (575)6	carlsbad NM, 8	8220	-				Ana	lysis	and	Met	had	_		FE	A Progr	am
Address: 3122 Nation				Email: jim.rale			_				Alla	19313	anu	IVIC	I			SDWA	CWA	RCRA
Phone: 575-988-005		00220		Miscellaneous:			_													
mail: agiovengo@e		om		I I I I I I I I I I I I I I I I I I I				15	15	Ш								Complian	ce Y	or N
								y 8015	y 80.	21	Q	0.0	×	tals				PWSID#		
			Sample Info	ormation		-		1080	JRO E	oy 80	y 826	de 30	- 500	8 Me		- NN	¥	nle np	Do.	marks
Time Date Sampled	Matrix	No. of Containers		Sample ID		Field	Lab Number	DRO/ORO by	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX	Samle Temp	Re	marks
1004 4/28/2025	Soil	1		5501-1	7 1		1									x		2.3		
1006 4/28/2025	Soil	1		5501-1 5502-0)		2									x		2.0		
4/28/2025	Soil	1														x				
4/28/2025	Soil	1														x				
4/28/2025	Soil	1														x				
4/28/2025	Soil	1														x				
4/28/2025	Soil	1														x				
4/28/2025	Soil	1														х				
4/28/2025	Soil	1														х				
4/28/2025	Soil	1														x		4		

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

4.2a.25

Time

Relinquished by: (Signature)

Relinquished by: (Signature)

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.

Date

Received by: (Signature)

Received by: (Signature)

envirotech Inc.

Printed: 4/30/2025 10:38:11AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	04/30/25	08:00			Work Order ID:	E504292
Phone:	(505) 382-1211	Date Logged In:	04/29/25	14:43			Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	05/06/25	17:00 (4 d	ay TAT)			
Chain of	Custody (COC)							
1. Does tl	he sample ID match the COC?		Yes					
	he number of samples per sampling site location ma	tch the COC	Yes					
3. Were s	amples dropped off by client or carrier?		Yes	C	Carrier: Co	urier		
4. Was th	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes		<u> </u>	41141		
	Il samples received within holding time?	·	Yes					
	Note: Analysis, such as pH which should be conducted i	•					Commont	ts/Resolution
	i.e, 15 minute hold time, are not included in this disucssi	on.					Comment	S/NESOIUTION
	<u>Furn Around Time (TAT)</u>		37					
	e COC indicate standard TAT, or Expedited TAT?		Yes					
Sample C			3.7					
	sample cooler received?		Yes					
• •	was cooler received in good condition?		Yes					
	e sample(s) received intact, i.e., not broken?		Yes					
	custody/security seals present?		No					
11. If yes	, were custody/security seals intact?		NA					
12. Was th	ne sample received on ice? Note: Thermal preservation is not required, if samples ar	e received within	Yes					
	15 minutes of sampling							
13. See C	OC for individual sample temps. Samples outside o	f 0°C-6°C will be	recorded	in commo	ents.			
Sample (<u>Container</u>							
14. Are a	queous VOC samples present?		No					
15. Are V	OC samples collected in VOA Vials?		NA					
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA					
17. Was a	trip blank (TB) included for VOC analyses?		NA					
18. Are n	on-VOC samples collected in the correct containers	?	Yes					
19. Is the	appropriate volume/weight or number of sample contai	ners collected?	Yes					
Field Lal	<u>bel</u>							
20. Were	field sample labels filled out with the minimum infe	ormation:						
	ample ID?		Yes					
	Date/Time Collected? Collectors name?		Yes		_			
	Preservation		Yes					
	the COC or field labels indicate the samples were p	recerved?	No					
	ample(s) correctly preserved?	reserveu:	NA					
	filtration required and/or requested for dissolved m	etals?	No					
	1	• • • • • • • • • • • • • • • • • • • •	110					
	ase Sample Matrix the sample have more than one phase, i.e., multipha	usa?	NT-					
	, does the COC specify which phase(s) is to be analy		No					
		yzeu:	NA					
	act Laboratory							
	amples required to get sent to a subcontract laborate	•	No					
29. Was a	subcontract laboratory specified by the client and i	f so who?	NA	Subcont	tract Lab: 1	NA		
Client II	<u>nstruction</u>							

Date

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

Received by OCD: 6/6/2025 10:23:21 AM

Chain of Custody



	eu.			-			_		_					_	_			-			
		nt Inform	nation			ce Information					ab Us	100					AT			State	
Client: D			-		Company: Devo			La	3	2#2	10	Job	Num	ber	1 11	20	3D	Std	NN	CO UT TX	
	TGR Pipelin	No. of the last of			Address: 5315 B	The second secon		<u> </u> <u> </u> <u> </u>	a	729	6	UI	79.	000				Х	×		
The second secon	Manager: As					Carlsbad NM, 882	220	_	_					Link							
and the same of the same of	3122 Natio				Phone: (575)689							Ana	llysis	and N	letho	d				PA Program	
-	te, Zip: Carls		88220		Email: jim.raley														SDWA	CWA R	CRA
7	575-988-005				Miscellaneous: Jir	n Raley					Peril		0								
Email: a	giovengo@e	nsolum.c	om						4.	8015									Compliar	ice Y or	N
									280		17	0	0.0	×	als				PWSID#	N. C.	
				Sample Inf	ormation				0	ROb	, 8021	826	e 30	05.1	Me	NM	×		e d		
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID		Field	Lab Numb	atou and cool con	GRO/DRO by	BTEX by	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX		Samle Temp	Remark	5
1004	4/28/2025	Soil	1		5501-0 5502-0'	BFOI		1								х			2.3	homed	d
1006	4/28/2025	Soil	1	4	4502-01	BF02		2								x			2.0	Samolo	nane
	4/28/2025	Soil	1													x				Der Co	6.
	4/28/2025	Soil	1													x				5/6/20	OM
	4/28/2025	Soil	1													x					
	4/28/2025	Soil	1													x					
	4/28/2025	Soil	1													х					
	4/28/2025	Soil	1													x					
	4/28/2025	Soil	1													х					
	4/28/2025	Soil	1													x					
bmoir@	ensolum.com pler), attest to the	n e validity and	1/4	of this sample. I am	im.com, agiovengo@																
	ed by: (Signatur	(e)	-	Date 4/29/20	Time	Received by: (Signat	ure	mand a	At +	Date	1.00	7.1	5	Time	711					equiring therm	1000
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Relinquish	ed by: (signatur	le.	TILE!	4.2a.2	Time OO	Received by (Signat	ure)	a		Date	. 30			Time	20			2000000	ove 0 bu	t less than 6°C quent days.	
Kelinquish	ed by: (Signatur	e)		Date	Time	Received by: (Signat	ure)			Date				Time					Lah	Use Only	
	ed by: (Signatur			Date	Time	Received by: (Signat	ure)			Date				Time	-	4			Recei	ved on ice:	
Sample Mar	rix: 5 - Soil, 5d - S	olid Se - St.	ige A - Agus	out O - Other			ICon	tainer Ty	IDO: O	- glac	C D	olu/-	lactic	20 2	mhas	dace .	1-1/0	^	U		
					ss other arrangements are	e made. Hazardous sa													or the anal	usis of the about	0
					ory with this COC. The liab										TOTAL CA	pense.	ine re	portiti	a the alla	yars of the above	

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: TGR Pipeline Spill

Work Order: E504301

Job Number: 01058-0007

Received: 4/30/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 5/6/25

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

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

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

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

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

Date Reported: 5/6/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: TGR Pipeline Spill

Workorder: E504301

Date Received: 4/30/2025 8:00:00AM

Ashley Giovengo,

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

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

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

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

Raina Schwanz

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Michelle Gonzales

Client Representative

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Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	Keporteu:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	05/06/25 13:28

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS25-4'	E504301-01A	Soil	04/28/25	04/30/25	Glass Jar, 2 oz.
FS55-4'	E504301-02A	Soil	04/28/25	04/30/25	Glass Jar, 2 oz.
FS51-4'	E504301-03A	Soil	04/28/25	04/30/25	Glass Jar, 2 oz.
FS54-4'	E504301-04A	Soil	04/28/25	04/30/25	Glass Jar, 2 oz.
FS56-4'	E504301-05A	Soil	04/28/25	04/30/25	Glass Jar, 2 oz.
FS57-4'	E504301-06A	Soil	04/28/25	04/30/25	Glass Jar, 2 oz.
FS59-4'	E504301-07A	Soil	04/28/25	04/30/25	Glass Jar, 2 oz.
FS58-4'	E504301-08A	Soil	04/28/25	04/30/25	Glass Jar, 2 oz.
FS60-4'	E504301-09A	Soil	04/28/25	04/30/25	Glass Jar, 2 oz.
FS31-4'	E504301-10A	Soil	04/28/25	04/30/25	Glass Jar, 2 oz.
FS33-4'	E504301-11A	Soil	04/28/25	04/30/25	Glass Jar, 2 oz.
FS36-4'	E504301-12A	Soil	04/28/25	04/30/25	Glass Jar, 2 oz.
FS61-4'	E504301-13A	Soil	04/28/25	04/30/25	Glass Jar, 2 oz.
FS65-4'	E504301-14A	Soil	04/28/25	04/30/25	Glass Jar, 2 oz.
FS67-4'	E504301-15A	Soil	04/28/25	04/30/25	Glass Jar, 2 oz.
FS70-4'	E504301-16A	Soil	04/28/25	04/30/25	Glass Jar, 2 oz.
FS71-4'	E504301-17A	Soil	04/28/25	04/30/25	Glass Jar, 2 oz.
FS72-4'	E504301-18A	Soil	04/28/25	04/30/25	Glass Jar, 2 oz.
SW08-0-4'	E504301-19A	Soil	04/28/25	04/30/25	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/6/2025 1:28:29PM

FS25-4' E504301-01

		E304301-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL	·	Batch: 2518057
Benzene	ND	0.0250	1	04/30/25	05/01/25	
Ethylbenzene	ND	0.0250	1	04/30/25	05/01/25	
Toluene	ND	0.0250	1	04/30/25	05/01/25	
o-Xylene	ND	0.0250	1	04/30/25	05/01/25	
p,m-Xylene	ND	0.0500	1	04/30/25	05/01/25	
Total Xylenes	ND	0.0250	1	04/30/25	05/01/25	
Surrogate: 4-Bromochlorobenzene-PID		84.0 %	70-130	04/30/25	05/01/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2518057
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/30/25	05/01/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.6 %	70-130	04/30/25	05/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2518067
Diesel Range Organics (C10-C28)	ND	25.0	1	04/30/25	05/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/30/25	05/01/25	
Surrogate: n-Nonane		93.0 %	61-141	04/30/25	05/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2518072
Chloride	3700	40.0	2	04/30/25	05/01/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/6/2025 1:28:29PM

FS55-4'

		D				
Analyte	Result	Reporting Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		alyst: SL	7 mary 200	Batch: 2518057
Benzene	ND	0.0250	1	04/30/25	05/01/25	
Ethylbenzene	ND	0.0250	1	04/30/25	05/01/25	
Toluene	ND	0.0250	1	04/30/25	05/01/25	
o-Xylene	ND	0.0250	1	04/30/25	05/01/25	
p,m-Xylene	ND	0.0500	1	04/30/25	05/01/25	
Total Xylenes	ND	0.0250	1	04/30/25	05/01/25	
Surrogate: 4-Bromochlorobenzene-PID		82.6 %	70-130	04/30/25	05/01/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2518057
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/30/25	05/01/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.6 %	70-130	04/30/25	05/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2518067
Diesel Range Organics (C10-C28)	ND	25.0	1	04/30/25	05/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/30/25	05/01/25	
Surrogate: n-Nonane		92.2 %	61-141	04/30/25	05/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2518072
Chloride	2980	40.0	2	04/30/25	05/01/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/6/2025 1:28:29PM

FS51-4'

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	Danastin a				
Result	Limit	Dilutio	on Prepared	Analyzed	Notes
mg/kg	mg/kg	An	nalyst: SL		Batch: 2518057
ND	0.0250	1	04/30/25	05/01/25	
ND	0.0250	1	04/30/25	05/01/25	
ND	0.0250	1	04/30/25	05/01/25	
ND	0.0250	1	04/30/25	05/01/25	
ND	0.0500	1	04/30/25	05/01/25	
ND	0.0250	1	04/30/25	05/01/25	
	83.5 %	70-130	04/30/25	05/01/25	
mg/kg	mg/kg	An	nalyst: SL		Batch: 2518057
ND	20.0	1	04/30/25	05/01/25	
	95.2 %	70-130	04/30/25	05/01/25	
mg/kg	mg/kg	An	nalyst: KH		Batch: 2518067
ND	25.0	1	04/30/25	05/01/25	
ND	50.0	1	04/30/25	05/01/25	
	92.4 %	61-141	04/30/25	05/01/25	
	71	Λ	nalyst: DT		Batch: 2518072
mg/kg	mg/kg	All	laryst: D1		Batch: 2318072
	mg/kg ND	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 83.5 % mg/kg MD 20.0 95.2 % mg/kg ND 25.0 ND 50.0	Result Limit Dilution mg/kg mg/kg Ar ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 83.5 % 70-130 mg/kg mg/kg Ar ND 20.0 1 95.2 % 70-130 mg/kg mg/kg Ar ND 25.0 1 ND 50.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 04/30/25 ND 0.0250 1 04/30/25 ND 0.0250 1 04/30/25 ND 0.0250 1 04/30/25 ND 0.0500 1 04/30/25 ND 0.0250 1 04/30/25 mg/kg mg/kg Analyst: SL ND 20.0 1 04/30/25 mg/kg mg/kg Analyst: KH ND 25.0 1 04/30/25 ND 25.0 1 04/30/25 ND 50.0 1 04/30/25	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 04/30/25 05/01/25 ND 0.0250 1 04/30/25 05/01/25 ND 0.0250 1 04/30/25 05/01/25 ND 0.0500 1 04/30/25 05/01/25 ND 0.0250 1 04/30/25 05/01/25 ND 0.0250 1 04/30/25 05/01/25 83.5 % 70-130 04/30/25 05/01/25 mg/kg mg/kg Analyst: SL ND 20.0 1 04/30/25 05/01/25 mg/kg mg/kg Analyst: KH ND 25.0 1 04/30/25 05/01/25 ND 25.0 1 04/30/25 05/01/25 ND 50.0 1 04/30/25 05/01/25



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/6/2025 1:28:29PM

FS54-4'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2518057
Benzene	ND	0.0250	1	04/30/25	05/01/25	
Ethylbenzene	ND	0.0250	1	04/30/25	05/01/25	
Toluene	ND	0.0250	1	04/30/25	05/01/25	
o-Xylene	ND	0.0250	1	04/30/25	05/01/25	
p,m-Xylene	ND	0.0500	1	04/30/25	05/01/25	
Total Xylenes	ND	0.0250	1	04/30/25	05/01/25	
Surrogate: 4-Bromochlorobenzene-PID		85.7 %	70-130	04/30/25	05/01/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2518057
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/30/25	05/01/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.8 %	70-130	04/30/25	05/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2518067
Diesel Range Organics (C10-C28)	ND	25.0	1	04/30/25	05/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/30/25	05/01/25	
Surrogate: n-Nonane		91.9 %	61-141	04/30/25	05/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2518072
Chloride	2840	40.0	2	04/30/25	05/01/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/6/2025 1:28:29PM

FS56-4'

E504301-	05
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		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2518057
Benzene	ND	0.0250	1	04/30/25	05/02/25	
Ethylbenzene	ND	0.0250	1	04/30/25	05/02/25	
Toluene	ND	0.0250	1	04/30/25	05/02/25	
o-Xylene	ND	0.0250	1	04/30/25	05/02/25	
p,m-Xylene	ND	0.0500	1	04/30/25	05/02/25	
Total Xylenes	ND	0.0250	1	04/30/25	05/02/25	
Surrogate: 4-Bromochlorobenzene-PID		84.9 %	70-130	04/30/25	05/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2518057
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/30/25	05/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.4 %	70-130	04/30/25	05/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2518067
Diesel Range Organics (C10-C28)	ND	25.0	1	04/30/25	05/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/30/25	05/01/25	
Surrogate: n-Nonane		92.0 %	61-141	04/30/25	05/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2518072
Chloride	4620	40.0	2	04/30/25	05/01/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/6/2025 1:28:29PM

FS57-4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2518057
Benzene	ND	0.0250	1	04/30/25	05/01/25	
Ethylbenzene	ND	0.0250	1	04/30/25	05/01/25	
Toluene	ND	0.0250	1	04/30/25	05/01/25	
o-Xylene	ND	0.0250	1	04/30/25	05/01/25	
p,m-Xylene	ND	0.0500	1	04/30/25	05/01/25	
Total Xylenes	ND	0.0250	1	04/30/25	05/01/25	
Surrogate: 4-Bromochlorobenzene-PID		84.1 %	70-130	04/30/25	05/01/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2518057
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/30/25	05/01/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.6 %	70-130	04/30/25	05/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2518067
Diesel Range Organics (C10-C28)	ND	25.0	1	04/30/25	05/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/30/25	05/01/25	
Surrogate: n-Nonane		91.9 %	61-141	04/30/25	05/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2518072
Chloride	3540	40.0	2	04/30/25	05/01/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/6/2025 1:28:29PM

FS59-4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2518057
Benzene	ND	0.0250	1	04/30/25	05/02/25	
Ethylbenzene	ND	0.0250	1	04/30/25	05/02/25	
Toluene	ND	0.0250	1	04/30/25	05/02/25	
o-Xylene	ND	0.0250	1	04/30/25	05/02/25	
p,m-Xylene	ND	0.0500	1	04/30/25	05/02/25	
Total Xylenes	ND	0.0250	1	04/30/25	05/02/25	
Surrogate: 4-Bromochlorobenzene-PID		86.9 %	70-130	04/30/25	05/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2518057
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/30/25	05/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.4 %	70-130	04/30/25	05/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: KH		Batch: 2518067
Diesel Range Organics (C10-C28)	ND	25.0	1	04/30/25	05/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/30/25	05/01/25	
Surrogate: n-Nonane		95.2 %	61-141	04/30/25	05/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: DT		Batch: 2518072



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/6/2025 1:28:29PM

FS58-4'

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Analyta	Dogult	Reporting Limit	Dilutio	on Duomonod	Amalyzad	Notes
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	inotes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: SL		Batch: 2518057
Benzene	ND	0.0250	1	04/30/25	05/02/25	
Ethylbenzene	ND	0.0250	1	04/30/25	05/02/25	
Toluene	ND	0.0250	1	04/30/25	05/02/25	
o-Xylene	ND	0.0250	1	04/30/25	05/02/25	
p,m-Xylene	ND	0.0500	1	04/30/25	05/02/25	
Total Xylenes	ND	0.0250	1	04/30/25	05/02/25	
Surrogate: 4-Bromochlorobenzene-PID		86.6 %	70-130	04/30/25	05/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: SL		Batch: 2518057
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/30/25	05/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.3 %	70-130	04/30/25	05/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: KH		Batch: 2518067
Diesel Range Organics (C10-C28)	ND	25.0	1	04/30/25	05/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/30/25	05/01/25	
Surrogate: n-Nonane		96.0 %	61-141	04/30/25	05/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ai	nalyst: DT		Batch: 2518072
Chloride	4440	40.0	2	04/30/25	05/01/25	_



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/6/2025 1:28:29PM

FS60-4'

E504301-09						
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	nalyst: SL		Batch: 2518057
Benzene	ND	0.0250	1	04/30/25	05/02/25	
Ethylbenzene	ND	0.0250	1	04/30/25	05/02/25	
Toluene	ND	0.0250	1	04/30/25	05/02/25	
o-Xylene	ND	0.0250	1	04/30/25	05/02/25	
p,m-Xylene	ND	0.0500	1	04/30/25	05/02/25	
Total Xylenes	ND	0.0250	1	04/30/25	05/02/25	
Surrogate: 4-Bromochlorobenzene-PID		87.8 %	70-130	04/30/25	05/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	nalyst: SL		Batch: 2518057
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/30/25	05/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.9 %	70-130	04/30/25	05/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	nalyst: KH		Batch: 2518067
Diesel Range Organics (C10-C28)	ND	25.0	1	04/30/25	05/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/30/25	05/02/25	
Surrogate: n-Nonane		93.3 %	61-141	04/30/25	05/02/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	nalyst: DT		Batch: 2518072
Chloride	6090	100	5	04/30/25	05/01/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/6/2025 1:28:29PM

FS31-4' E504301-10

Notes
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tch: 2518057
tch: 2518057
tch: 2518067
tch: 2518072



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/6/2025 1:28:29PM

FS33-4'

	Reporting				
Result	Limit	Dilutio	n Prepared	Analyzed	Notes
mg/kg	mg/kg	An	alyst: SL		Batch: 2518057
ND	0.0250	1	04/30/25	05/02/25	
ND	0.0250	1	04/30/25	05/02/25	
ND	0.0250	1	04/30/25	05/02/25	
ND	0.0250	1	04/30/25	05/02/25	
ND	0.0500	1	04/30/25	05/02/25	
ND	0.0250	1	04/30/25	05/02/25	
	88.6 %	70-130	04/30/25	05/02/25	
mg/kg	mg/kg	An	alyst: SL		Batch: 2518057
ND	20.0	1	04/30/25	05/02/25	
	95.1 %	70-130	04/30/25	05/02/25	
mg/kg	mg/kg	An	alyst: KH		Batch: 2518067
ND	25.0	1	04/30/25	05/02/25	
			0.4/2.0/2.5	0 = 10 = 10 =	
ND	50.0	1	04/30/25	05/02/25	
ND	93.9 %	61-141	04/30/25	05/02/25	
ND mg/kg					Batch: 2518072
	mg/kg ND ND ND ND ND ND ND ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 88.6 % mg/kg MD 20.0 95.1 % mg/kg mg/kg mg/kg	Result Limit Dilution mg/kg mg/kg An ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 88.6 % 70-130 mg/kg mg/kg An ND 20.0 1 95.1 % 70-130 mg/kg mg/kg An	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 04/30/25 ND 0.0250 1 04/30/25 ND 0.0250 1 04/30/25 ND 0.0250 1 04/30/25 ND 0.0500 1 04/30/25 ND 0.0250 1 04/30/25 mg/kg 70-130 04/30/25 mg/kg mg/kg Analyst: SL ND 20.0 1 04/30/25 mg/kg mg/kg Analyst: SL	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 04/30/25 05/02/25 ND 0.0500 1 04/30/25 05/02/25 ND 0.0250 1 04/30/25 05/02/25 mg/kg mg/kg Analyst: SL 05/02/25 mg/kg mg/kg Analyst: SL 05/02/25 mg/kg mg/kg Analyst: SL 05/02/25



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/6/2025 1:28:29PM

FS36-4'

	Danartina					
Result	Limit	Dila	ution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst:	: SL		Batch: 2518057
ND	0.0250		1	04/30/25	05/02/25	
ND	0.0250		1	04/30/25	05/02/25	
ND	0.0250		1	04/30/25	05/02/25	
ND	0.0250		1	04/30/25	05/02/25	
ND	0.0500		1	04/30/25	05/02/25	
ND	0.0250		1	04/30/25	05/02/25	
	87.8 %	70-130		04/30/25	05/02/25	
mg/kg	mg/kg		Analyst:	: SL		Batch: 2518057
ND	20.0		1	04/30/25	05/02/25	
	93.8 %	70-130		04/30/25	05/02/25	
mg/kg	mg/kg		Analyst:	: KH		Batch: 2518067
ND	25.0		1	04/30/25	05/02/25	
ND	50.0		1	04/30/25	05/02/25	
					0 = 10 0 10 =	
	91.6 %	61-141		04/30/25	05/02/25	
mg/kg	91.6 % mg/kg	61-141	Analyst		05/02/25	Batch: 2518072
	mg/kg ND	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 87.8 % mg/kg ND 20.0 93.8 % mg/kg ND 25.0	Result Limit Dil mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 87.8 % 70-130 mg/kg mg/kg ND 20.0 93.8 % 70-130 mg/kg mg/kg ND 25.0	Result Limit Dilution mg/kg mg/kg Analyst ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 87.8 % 70-130 mg/kg mg/kg Analyst ND 20.0 1 mg/kg mg/kg Analyst ND 25.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 04/30/25 ND 0.0250 1 04/30/25 ND 0.0250 1 04/30/25 ND 0.0250 1 04/30/25 ND 0.0500 1 04/30/25 ND 0.0250 1 04/30/25 mg/kg 70-130 04/30/25 mg/kg mg/kg Analyst: SL ND 20.0 1 04/30/25 mg/kg mg/kg Analyst: KH ND 25.0 1 04/30/25	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 04/30/25 05/02/25 ND 0.0500 1 04/30/25 05/02/25 ND 0.0250 1 04/30/25 05/02/25 mg/kg 70-130 04/30/25 05/02/25 mg/kg mg/kg Analyst: SL ND 20.0 1 04/30/25 05/02/25 mg/kg mg/kg Analyst: KH ND 25.0 1 04/30/25 05/02/25



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/6/2025 1:28:29PM

FS61-4'

		D am a				
Analyte	Result	Reporting Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: SL		Batch: 2518057
Benzene	ND	0.0250	1	04/30/25	05/02/25	
Ethylbenzene	ND	0.0250	1	04/30/25	05/02/25	
Toluene	ND	0.0250	1	04/30/25	05/02/25	
o-Xylene	ND	0.0250	1	04/30/25	05/02/25	
p,m-Xylene	ND	0.0500	1	04/30/25	05/02/25	
Total Xylenes	ND	0.0250	1	04/30/25	05/02/25	
Surrogate: 4-Bromochlorobenzene-PID		90.1 %	70-130	04/30/25	05/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: SL		Batch: 2518057
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/30/25	05/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.7 %	70-130	04/30/25	05/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: KH		Batch: 2518067
Diesel Range Organics (C10-C28)	ND	25.0	1	04/30/25	05/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/30/25	05/02/25	
Surrogate: n-Nonane		93.8 %	61-141	04/30/25	05/02/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: DT		Batch: 2518072
Chloride	3400	40.0	2	04/30/25	05/01/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/6/2025 1:28:29PM

FS65-4'

		200.001 11				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
· ·	mg/kg	mg/kg		rst: SL	7 mary 2cc	Batch: 2518057
Volatile Organics by EPA 8021B			1		05/02/25	Batch. 2318037
Benzene	ND	0.0250	1	04/30/25	05/02/25	
Ethylbenzene	ND	0.0250	1	04/30/25	05/02/25	
Toluene	ND	0.0250	1	04/30/25	05/02/25	
o-Xylene	ND	0.0250	1	04/30/25	05/02/25	
p,m-Xylene	ND	0.0500	1	04/30/25	05/02/25	
Total Xylenes	ND	0.0250	1	04/30/25	05/02/25	
Surrogate: 4-Bromochlorobenzene-PID		89.3 %	70-130	04/30/25	05/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: SL		Batch: 2518057
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/30/25	05/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.5 %	70-130	04/30/25	05/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KH		Batch: 2518067
Diesel Range Organics (C10-C28)	ND	25.0	1	04/30/25	05/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/30/25	05/02/25	
Surrogate: n-Nonane		91.9 %	61-141	04/30/25	05/02/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: DT		Batch: 2518072
Chloride	7820	100	5	04/30/25	05/01/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/6/2025 1:28:29PM

FS67-4'

		Damati				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2518057
Benzene	ND	0.0250	1	04/30/25	05/02/25	
Ethylbenzene	ND	0.0250	1	04/30/25	05/02/25	
Toluene	ND	0.0250	1	04/30/25	05/02/25	
o-Xylene	ND	0.0250	1	04/30/25	05/02/25	
p,m-Xylene	ND	0.0500	1	04/30/25	05/02/25	
Total Xylenes	ND	0.0250	1	04/30/25	05/02/25	
Surrogate: 4-Bromochlorobenzene-PID		87.9 %	70-130	04/30/25	05/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2518057
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/30/25	05/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.1 %	70-130	04/30/25	05/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2518067
Diesel Range Organics (C10-C28)	ND	25.0	1	04/30/25	05/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/30/25	05/02/25	
Surrogate: n-Nonane		94.0 %	61-141	04/30/25	05/02/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2518072
Chloride	9120	200	10	04/30/25	05/01/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/6/2025 1:28:29PM

FS70-4' E504301-16

	1304301 10				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	yst: SL		Batch: 2518057
ND	0.0250	1	04/30/25	05/02/25	
ND	0.0250	1	04/30/25	05/02/25	
ND	0.0250	1	04/30/25	05/02/25	
ND	0.0250	1	04/30/25	05/02/25	
ND	0.0500	1	04/30/25	05/02/25	
ND	0.0250	1	04/30/25	05/02/25	
	90.2 %	70-130	04/30/25	05/02/25	
mg/kg	mg/kg	Anal	yst: SL		Batch: 2518057
ND	20.0	1	04/30/25	05/02/25	
	93.8 %	70-130	04/30/25	05/02/25	
mg/kg	mg/kg	Anal	yst: KH		Batch: 2518067
ND	25.0	1	04/30/25	05/02/25	
ND	50.0	1	04/30/25	05/02/25	
	90.6 %	61-141	04/30/25	05/02/25	
mg/kg	mg/kg	Anal	yst: DT		Batch: 2518072
3800	40.0	2	04/30/25	05/01/25	
	mg/kg ND Mg/kg ND mg/kg	Result Reporting Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 MD 20.0250 MB/kg mg/kg MB/kg mg/kg ND 20.0 93.8 % mg/kg ND 25.0 ND 50.0 90.6 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 0.0250 1 90.2 % 70-130 70-130 mg/kg mg/kg Analy ND 20.0 1 93.8 % 70-130 mg/kg mg/kg Analy ND 25.0 1 ND 50.0 1 90.6 % 61-141 61-141 mg/kg mg/kg Analy	Reporting Result Limit Dilution Prepared mg/kg Analyst: SL ND 0.0250 1 04/30/25 ND 0.0250 1 04/30/25 ND 0.0250 1 04/30/25 ND 0.0250 1 04/30/25 ND 0.0500 1 04/30/25 ND 0.0250 1 04/30/25 mg/kg Mg/kg Analyst: SL ND 20.0 1 04/30/25 mg/kg Mg/kg Analyst: KH ND 25.0 1 04/30/25 ND 50.0 1 04/30/25 ND 50.0 1 04/30/25 ND 50.0 1 04/30/25 Mg/kg Mg/kg Analyst: KH	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 04/30/25 05/02/25 ND 0.0250 1 04/30/25 05/02/25 ND 0.0250 1 04/30/25 05/02/25 ND 0.0500 1 04/30/25 05/02/25 ND 0.0250 1 04/30/25 05/02/25 ND 0.0250 1 04/30/25 05/02/25 MD 0.0250 1 04/30/25 05/02/25 mg/kg mg/kg Analyst: SL ND 05/02/25 mg/kg mg/kg Analyst: SL ND 05/02/25 mg/kg mg/kg Analyst: KH ND 25.0 1 04/30/25 05/02/25 ND 50.0 1 04/30/25 05/02/25 05/02/25 ND 50.0 1 04/30/25 05/02/25 ND



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/6/2025 1:28:29PM

FS71-4' E504301-17

Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: SL		Batch: 2518057
ND	0.0250	1	04/30/25	05/02/25	
ND	0.0250	1	04/30/25	05/02/25	
ND	0.0250	1	04/30/25	05/02/25	
ND	0.0250	1	04/30/25	05/02/25	
ND	0.0500	1	04/30/25	05/02/25	
ND	0.0250	1	04/30/25	05/02/25	
	90.1 %	70-130	04/30/25	05/02/25	
mg/kg	mg/kg	Anal	yst: SL		Batch: 2518057
ND	20.0	1	04/30/25	05/02/25	
	93.6 %	70-130	04/30/25	05/02/25	
mg/kg	mg/kg	Anal	yst: KH		Batch: 2518067
ND	25.0	1	04/30/25	05/02/25	
ND	50.0	1	04/30/25	05/02/25	
	91.1 %	61-141	04/30/25	05/02/25	
mg/kg	mg/kg	Anal	yst: DT		Batch: 2518072
2950	40.0	2	04/30/25	05/01/25	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 MD 20.0 93.6 % mg/kg MD 25.0 ND 50.0 91.1 % mg/kg mg/kg mg/kg	Result Limit Dilution mg/kg mg/kg Anal ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 90.1% 70-130 mg/kg mg/kg Anal ND 20.0 1 93.6% 70-130 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 91.1% 61-141 mg/kg mg/kg Anal	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 04/30/25 ND 0.0250 1 04/30/25 ND 0.0250 1 04/30/25 ND 0.0250 1 04/30/25 ND 0.0500 1 04/30/25 ND 0.0250 1 04/30/25 mg/kg mg/kg Analyst: SL ND 20.0 1 04/30/25 mg/kg mg/kg Analyst: KH ND 25.0 1 04/30/25 ND 50.0 1 04/30/25 ND 50.0 1 04/30/25 ND 50.0 1 04/30/25 ND 50.0 1 04/30/25 mg/kg mg/kg Analyst: KH	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 04/30/25 05/02/25 ND 0.0500 1 04/30/25 05/02/25 ND 0.0250 1 04/30/25 05/02/25 mg/kg mg/kg Analyst: SL ND 20.0 1 04/30/25 05/02/25 mg/kg mg/kg Analyst: SL ND 20.0 1 04/30/25 05/02/25 mg/kg mg/kg Analyst: KH ND 25.0 1 04/30/25 05/02/25 ND 50.0 1 04/30/25 05/02/25 ND 50.0 1 04/30/25 05/02/25 ND 50.0 <



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/6/2025 1:28:29PM

FS72-4'

		E504301-18				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2518057
Benzene	ND	0.0250	1	04/30/25	05/02/25	
Ethylbenzene	ND	0.0250	1	04/30/25	05/02/25	
Toluene	ND	0.0250	1	04/30/25	05/02/25	
o-Xylene	ND	0.0250	1	04/30/25	05/02/25	
p,m-Xylene	ND	0.0500	1	04/30/25	05/02/25	
Total Xylenes	ND	0.0250	1	04/30/25	05/02/25	
Surrogate: 4-Bromochlorobenzene-PID		89.5 %	70-130	04/30/25	05/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2518057
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/30/25	05/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.1 %	70-130	04/30/25	05/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2518067
Diesel Range Organics (C10-C28)	ND	25.0	1	04/30/25	05/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/30/25	05/02/25	
Surrogate: n-Nonane		92.5 %	61-141	04/30/25	05/02/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2518072
Chloride	1850	20.0	1	04/30/25	05/01/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/6/2025 1:28:29PM

SW08-0-4' E504301-19

		E304301-19				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Zillarye	Result	Liiiit	Bilution	Trepared	Maryzea	rotes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2518057
Benzene	ND	0.0250	1	04/30/25	05/02/25	
Ethylbenzene	ND	0.0250	1	04/30/25	05/02/25	
Toluene	ND	0.0250	1	04/30/25	05/02/25	
p-Xylene	ND	0.0250	1	04/30/25	05/02/25	
o,m-Xylene	ND	0.0500	1	04/30/25	05/02/25	
Total Xylenes	ND	0.0250	1	04/30/25	05/02/25	
Surrogate: 4-Bromochlorobenzene-PID		90.2 %	70-130	04/30/25	05/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2518057
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/30/25	05/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.7 %	70-130	04/30/25	05/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KH		Batch: 2518067
Diesel Range Organics (C10-C28)	ND	25.0	1	04/30/25	05/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/30/25	05/02/25	
Surrogate: n-Nonane		91.3 %	61-141	04/30/25	05/02/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: DT		Batch: 2518072
Chloride	172	20.0	1	04/30/25	05/01/25	



OC Summary Data

		QC Si	umm	ary Dat	a				
Devon Energy - Carlsbad		Project Name:		ΓGR Pipeline S	pill				Reported:
6488 7 Rivers Hwy	Project Number: 01058-0007								
Artesia NM, 88210		Project Manager:	A	Ashley Gioven	go				5/6/2025 1:28:29PM
		Volatile O	rganics	by EPA 802	21B				Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2518057-BLK1)							Prepared: 0	4/30/25 An	nalyzed: 05/01/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.79		8.00		84.9	70-130			
LCS (2518057-BS1)							Prepared: 0	4/30/25 An	nalyzed: 05/01/25
Benzene	4.42	0.0250	5.00		88.4	70-130			
Ethylbenzene	4.48	0.0250	5.00		89.7	70-130			
Toluene	4.48	0.0250	5.00		89.7	70-130			
o-Xylene	4.45	0.0250	5.00		89.1	70-130			
o,m-Xylene	9.08	0.0500	10.0		90.8	70-130			
Total Xylenes	13.5	0.0250	15.0		90.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.77		8.00		84.7	70-130			
Matrix Spike (2518057-MS1)				Source:	E504301-	06	Prepared: 0	4/30/25 An	alyzed: 05/01/25
Benzene	5.43	0.0250	5.00	ND	109	70-130			
Ethylbenzene	5.46	0.0250	5.00	ND	109	70-130			
Toluene	5.48	0.0250	5.00	ND	110	70-130			
p-Xylene	5.39	0.0250	5.00	ND	108	70-130			
p,m-Xylene	11.0	0.0500	10.0	ND	110	70-130			
Total Xylenes	16.4	0.0250	15.0	ND	109	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.70		8.00		83.8	70-130			
Matrix Spike Dup (2518057-MSD1)				Source:	E504301-	06	Prepared: 0	4/30/25 An	nalyzed: 05/01/25
Benzene	5.15	0.0250	5.00	ND	103	70-130	5.19	27	
Ethylbenzene	5.18	0.0250	5.00	ND	104	70-130	5.20	26	
Toluene	5.20	0.0250	5.00	ND	104	70-130	5.33	20	
o-Xylene	5.11	0.0250	5.00	ND	102	70-130	5.49	25	
p,m-Xylene	10.4	0.0500	10.0	ND	104	70-130	5.38	23	
Total Xylenes	15.5	0.0250	15.0	ND	104	70-130	5.41	26	
C	£ 52		0.00		0.4.2	70 120			



Surrogate: 4-Bromochlorobenzene-PID

6.73

84.2

70-130

QC Summary Data

Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	•
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/6/2025 1:28:29PM

Artesia NM, 88210		Project Manage	r: As	hley Giovens	go			-	5/6/2025 1:28:29PM
	Non	halogenated	Organics l	oy EPA 80	15D - Gl	RO			Analyst: SL
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2518057-BLK1)							Prepared: 0	4/30/25 Ana	alyzed: 05/01/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.52		8.00		93.9	70-130			
LCS (2518057-BS2)							Prepared: 0	4/30/25 Ana	alyzed: 05/01/25
Gasoline Range Organics (C6-C10)	39.6	20.0	50.0		79.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.51		8.00		93.9	70-130			
Matrix Spike (2518057-MS2)				Source:	E504301-	06	Prepared: 0	4/30/25 Ana	alyzed: 05/01/25
Gasoline Range Organics (C6-C10)	39.6	20.0	50.0	ND	79.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.63		8.00		95.4	70-130			
Matrix Spike Dup (2518057-MSD2)				Source:	E504301-	06	Prepared: 0	4/30/25 Ana	alyzed: 05/01/25
Gasoline Range Organics (C6-C10)	43.1	20.0	50.0	ND	86.3	70-130	8.52	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.58		8.00		94.7	70-130			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/6/2025 1:28:29PM

/ODO										
OKO	Nonhalogenated Organics by EPA 8015D - DRO/ORO Analyst:									
Rec Limits	RPD	RPD Limit								
%	%	%	Notes							
	Prepared: 0	4/30/25 A1	nalyzed: 05/01/25							
61-141										
	Prepared: 0	4/30/25 Aı	nalyzed: 05/01/25							
66-144										
61-141										
-07	Prepared: 0	4/30/25 Aı	nalyzed: 05/01/25							
56-156										
61-141										
-07	Prepared: 0	4/30/25 A1	nalyzed: 05/01/25							
56-156	1.64	20								
61-141										
	Rec Limits % 61-141 66-144 61-141 07 56-156	Rec Limits RPD % Prepared: 0 61-141 Prepared: 0 66-144 61-141 07 Prepared: 0 56-156 61-141 07 Prepared: 0 56-156 1.64	Rec Limits RPD Limit % % Prepared: 04/30/25 Ar 61-141 Prepared: 04/30/25 Ar 66-144 61-141 07 Prepared: 04/30/25 Ar 56-156 61-141 07 Prepared: 04/30/25 Ar 56-156 1.64 20							



QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		GR Pipeline S	pill				Reported:
Artesia NM, 88210		Project Manager		shley Gioveng	go				5/6/2025 1:28:29PM
		Anions	by EPA 3	300.0/9056 <i>A</i>	1				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2518072-BLK1)							Prepared: 0	4/30/25 A	nalyzed: 05/01/25
Chloride	ND	20.0							
LCS (2518072-BS1)							Prepared: 0	4/30/25 A	nalyzed: 05/01/25
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2518072-MS1)				Source:	E504301-	04	Prepared: 0	4/30/25 A	nalyzed: 05/01/25
Chloride	3200	40.0	250	2840	142	80-120			M4
Matrix Spike Dup (2518072-MSD1)				Source:	E504301-	04	Prepared: 0	4/30/25 A	nalyzed: 05/01/25
Chloride	3120	40.0	250	2840	109	80-120	2.62	20	

QC Summary Report Comment:

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



Definitions and Notes

ſ	Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
l	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
	Artesia NM, 88210	Project Manager:	Ashley Giovengo	05/06/25 13:28

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.



sed to Imaging: 6/10/2025 3:21:47 PM

	Clie	Client Information			Inv	oice Information	Invoice Information			La	b Us	e Or	ly			TAT			Sta	te
Client: D	evon				Company: De	evon Energy		Lab	WO#				Numb		1D	2D	3D Std	NN	CO UT	TX
Project:	TGR Pipeline	e Spill			Address: 531	5 Buena Vista Dr		E	#OW HOZ	3 d		do	284	TOOL			X	x		
Project N	lanager: Asl	hley Giov	engo		City, State, Zip	: Carlsbad NM, 882	20													
Address:	3122 Nation	nal Parks	Hwy		Phone: (575)689-7597			Analysis and Method EPA Pro							PA Progi	_				
	e, Zip: Carls		88220		Email: jim.raley@dvn.com													SDWA	CWA	RCRA
Phone: 5	75-988-005	5			Miscellaneous: Jim Raley															or N
Email: ag	giovengo@e	nsolum.c	om						8015	8015										
								by 80	34 80	21	9	0.0	× 5				PWSID #			
			-	Sample Infor	mation		1 1			RO	y 80	/ 82e	Je 30	- 200 Ma		N.	ř.	e de		
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID		(0) +-	.ab mber	DRO/ORO	GRO/DRO by	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX		BGDOC - NM	BGDOC-	Samle Temp	Re	marks
1309	4/28/2025	Soil	1		F525-4	4'										x		1.60		
1305	4/28/2025	Soil	1		55		1	2								х		1.3		
1304	4/28/2025	Soil	1		51			3								x		2.2		
1303	4/28/2025	Soil	ī		54		C	f								x		24		
1308	4/28/2025	Soil	1		56		5	5								x		1.8		
1306	4/28/2025	Soil	1		57		(0								х		2.0		
1310	4/28/2025	Soil	1		59		-	1								x		2.3		
1307	4/28/2025	Soil	í		58			8								x		3.0		
1311	4/28/2025	Soil	1		60			7								х		1.5		
1341	4/28/2025	Soil	1		131	1	1	ð								х		1.0		
Addition	al Instructio		ease CC: o	:burton@ensolun	n.com, agiovengo	o@ensolum.com, jii	n.raley@	dvn.c	om,	estre	ella@	ens	olum.	com, c	hami	lton(ensolun	n.com,	•	
I, (field samp		e validity and	d authenticit		vare that tampering wit	h or intentionally mislabelin	g the sample	location	n, date	or time	e of co	llectio	n is cons	idered f	aud and	d may b	e grounds fo	r legal action	١.	
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	lient Inforn	nation		Invoi	Invoice Information				L	ab Us		-				TAT State				
Client: Devon				Company: Devo				o WO			Job	Numl	oer		1D	2D	3D Std	NN	1 CO UT	TX
Project: TGR Pipe				Address: 5315 E			E	504	30		DIC	28-	000	2]			X	×		
Project Manager:					Carlsbad NM, 8822	0.0	_													
Address: 3122 Na				Phone: (575)689-7597			_		_		Ana	lysis	and	Met	hod				PA Progr	
City, State, Zip: Ca		88220		Email: jim.raley			_											SDWA	CWA	RCRA
Phone: 575-988-0		Lo. No.		Miscellaneous: Jir	n Raley														1	1
Email: agiovengo	@ensolum.d	com						8015	015						111			Complia		or N
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Time Sampled Date Samp		No. of Containers		Sample ID		Field	Lab Numbe	DRO/ORO	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX	Samle Temp	Ke	IIIdiKS
1342 4/28/202	Soil	1		FS33-4	1		11									х		31		
134	5 Soil	1		1 36 1			12									х		3.6		
1312 4/28/202	5 Soil	1		61			13									x		2.9		
1340 4/28/202	5 Soil	1		15			14									x		25		
13 39 4/28/202	5 Soil	1		67			15									х		20		
1338 4/28/202	5 Soil	1		70			16									x		1.0		
1337 4/28/202	5 Soil	1		71			17									х		1.4		
1336 4/28/202	5 Soil	1		V72.	/		18									х		1.0		
1349 4/28/202	5 Soil	1		5w08-0	-41		19									х		1.5		
4/28/202	5 Soil	1		<i>y</i>											7 1	х				
bmoir@ensolum.	com		L :burton@ensolum.																	
I, (field sampler), attest t Sampled by:	the validity an	d authenticity	y of this sample. I am awa	re that tampering with or	intentionally mislabeling	the sar	nple locati	on, date	e or tin	ne of co	ollectio	n is cor	sidere	d frau	d and	may b	e grounds fo	r legal actio	n.	
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envirotech Inc.

Printed: 4/30/2025 10:48:24AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

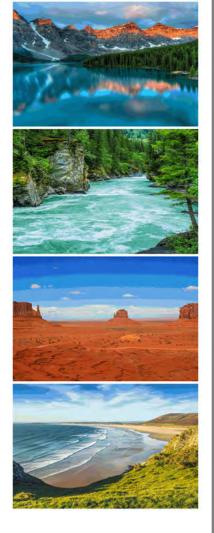
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Devon Energy - Carlsbad	Date Received:	04/30/25			Work Order ID:	E504301
Phone:	(505) 382-1211	Date Logged In:	04/29/25			Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	05/06/25	17:00 (4 day TA	(1)		
Chain of	Custody (COC)						
1. Does th	ne sample ID match the COC?		Yes				
	ne number of samples per sampling site location ma	tch the COC	Yes				
3. Were s	amples dropped off by client or carrier?		Yes	Carrier	: Courier		
4. Was the	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes				
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted i i.e, 15 minute hold time, are not included in this disucssi		Yes			<u>Commen</u>	ts/Resolution
Sample T	Curn Around Time (TAT)						
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C	<u>Cooler</u>						
7. Was a s	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was the	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes	, were custody/security seals intact?		NA				
12. Was th	e sample received on ice?		Yes				
12.0	Note: Thermal preservation is not required, if samples at 15 minutes of sampling						
	OC for individual sample temps. Samples outside of	of 0°C-6°C will be	recorded	in comments.			
	<u>Container</u>						
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers		Yes				
	appropriate volume/weight or number of sample contai	ners collected?	Yes				
Field Lab							
	field sample labels filled out with the minimum infample ID?	ormation:	Yes				
	eate/Time Collected?		Yes				
	ollectors name?		Yes				
Sample P	reservation						
21. Does	the COC or field labels indicate the samples were p	reserved?	No				
22. Are sa	ample(s) correctly preserved?		NA				
24. Is lab	filtration required and/or requested for dissolved m	etals?	No				
Multipha	se Sample Matrix						
26. Does	the sample have more than one phase, i.e., multipha	ise?	No				
27. If yes	, does the COC specify which phase(s) is to be anal	yzed?	NA				
Subcontr	act Laboratory						
	amples required to get sent to a subcontract laborate	ary9	No				
	subcontract laboratory specified by the client and i	-	NA	Subcontract I	ah: NA		
		1 50 111101	1112	Subcontract 1	AU. 1471		
Chent in	<u>istruction</u>						

Date

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

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: TGR Pipeline Spill

Work Order: E504317

Job Number: 01058-0007

Received: 5/1/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 5/7/25

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

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

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

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

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

Date Reported: 5/7/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: TGR Pipeline Spill

Workorder: E504317

Date Received: 5/1/2025 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/1/2025 7:30:00AM, under the Project Name: TGR Pipeline Spill.

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

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

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Reported:		
6488 7 Rivers Hwy	Project Number:	01058-0007	Reporteu:	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	05/07/25 11:31	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS06-4'	E504317-01A	Soil	04/29/25	05/01/25	Glass Jar, 2 oz.
FS08-4'	E504317-02A	Soil	04/29/25	05/01/25	Glass Jar, 2 oz.
FS09-4'	E504317-03A	Soil	04/29/25	05/01/25	Glass Jar, 2 oz.
FS15-4'	E504317-04A	Soil	04/29/25	05/01/25	Glass Jar, 2 oz.
FS17-4'	E504317-05A	Soil	04/29/25	05/01/25	Glass Jar, 2 oz.
FS18-4'	E504317-06A	Soil	04/29/25	05/01/25	Glass Jar, 2 oz.
FS28-4'	E504317-07A	Soil	04/29/25	05/01/25	Glass Jar, 2 oz.
FS29-4'	E504317-08A	Soil	04/29/25	05/01/25	Glass Jar, 2 oz.
FS66-4'	E504317-09A	Soil	04/29/25	05/01/25	Glass Jar, 2 oz.
SW09-0-4	E504317-10A	Soil	04/29/25	05/01/25	Glass Jar, 2 oz.
SW10-0-4	E504317-11A	Soil	04/29/25	05/01/25	Glass Jar, 2 oz.
SW11-0-4	E504317-12A	Soil	04/29/25	05/01/25	Glass Jar, 2 oz.
SW21-0-4	E504317-13A	Soil	04/29/25	05/01/25	Glass Jar, 2 oz.
SW23-0-4	E504317-14A	Soil	04/29/25	05/01/25	Glass Jar, 2 oz.
SW20-0-4	E504317-15A	Soil	04/29/25	05/01/25	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/7/2025 11:31:35AM

FS06-4' E504317-01

		E304317-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	llyst: BA	· · · · · · · · · · · · · · · · · · ·	Batch: 2518088
Benzene	ND	0.0250	1	05/01/25	05/02/25	
Ethylbenzene	ND	0.0250	1	05/01/25	05/02/25	
Toluene	ND	0.0250	1	05/01/25	05/02/25	
o-Xylene	ND	0.0250	1	05/01/25	05/02/25	
p,m-Xylene	ND	0.0500	1	05/01/25	05/02/25	
Total Xylenes	ND	0.0250	1	05/01/25	05/02/25	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	05/01/25	05/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2518088
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/01/25	05/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.3 %	70-130	05/01/25	05/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	llyst: HM		Batch: 2518085
Diesel Range Organics (C10-C28)	ND	25.0	1	05/01/25	05/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/01/25	05/01/25	
Surrogate: n-Nonane		96.7 %	61-141	05/01/25	05/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: JM		Batch: 2518092
Chloride	6530	100	5	05/01/25	05/01/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/7/2025 11:31:35AM

FS08-4'

E504317-02

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2518088
Benzene	ND	0.0250	1	05/01/25	05/02/25	
Ethylbenzene	ND	0.0250	1	05/01/25	05/02/25	
Toluene	ND	0.0250	1	05/01/25	05/02/25	
o-Xylene	ND	0.0250	1	05/01/25	05/02/25	
p,m-Xylene	ND	0.0500	1	05/01/25	05/02/25	
Total Xylenes	ND	0.0250	1	05/01/25	05/02/25	
Surrogate: 4-Bromochlorobenzene-PID		106 %	70-130	05/01/25	05/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2518088
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/01/25	05/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.3 %	70-130	05/01/25	05/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: HM		Batch: 2518085
Diesel Range Organics (C10-C28)	93.5	25.0	1	05/01/25	05/01/25	
Oil Range Organics (C28-C36)	60.5	50.0	1	05/01/25	05/01/25	
Surrogate: n-Nonane		103 %	61-141	05/01/25	05/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: JM		Batch: 2518092
Chloride	4260	40.0	2	05/01/25	05/01/25	•



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/7/2025 11:31:35AM

FS09-4'

E504317-03

Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	st: BA		Batch: 2518088
ND	0.0250	1	05/01/25	05/02/25	
ND	0.0250	1	05/01/25	05/02/25	
ND	0.0250	1	05/01/25	05/02/25	
ND	0.0250	1	05/01/25	05/02/25	
ND	0.0500	1	05/01/25	05/02/25	
ND	0.0250	1	05/01/25	05/02/25	
	106 %	70-130	05/01/25	05/02/25	
mg/kg	mg/kg	Analyst: BA			Batch: 2518088
ND	20.0	1	05/01/25	05/02/25	
	92.4 %	70-130	05/01/25	05/02/25	
mg/kg n		Analyst: HM			Batch: 2518085
ND	25.0	1	05/01/25	05/01/25	
ND	50.0	1	05/01/25	05/01/25	
	95.8 %	61-141	05/01/25	05/01/25	
mg/kg	mg/kg	Analy	st: JM		Batch: 2518092
1	ND N	ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 106 % mg/kg mg/kg ND 20.0 92.4 % mg/kg mg/kg ND 25.0 ND 50.0	ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 106% 70-130 mg/kg mg/kg Analy ND 20.0 1 92.4% 70-130 mg/kg mg/kg Analy ND 25.0 1 ND 25.0 1 ND 50.0 1	ND 0.0250 1 05/01/25 ND 0.0500 1 05/01/25 ND 0.0250 1 05/01/25 ND 0.0250 1 05/01/25 ND 0.0250 1 05/01/25 ND 0.0250 1 05/01/25 Mg/kg Mg/kg Analyst: BA ND 20.0 1 05/01/25 Mg/kg Mg/kg Analyst: HM ND 25.0 1 05/01/25 ND 25.0 1 05/01/25	ND 0.0250 1 05/01/25 05/02/25 ND 0.0500 1 05/01/25 05/02/25 ND 0.0250 1 05/01/25 05/02/25 Mg/kg mg/kg Analyst: BA ND 20.0 1 05/01/25 05/02/25 Mg/kg mg/kg Analyst: HM ND 25.0 1 05/01/25 05/01/25 ND 05/01/25 05/01/25 ND 05/01/25 05/01/25



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/7/2025 11:31:35AM

FS15-4'

E504317-04

		Damantina				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: BA	<u>-</u>	Batch: 2518088
Benzene	ND	0.0250	1	05/01/25	05/02/25	
Ethylbenzene	ND	0.0250	1	05/01/25	05/02/25	
Toluene	ND	0.0250	1	05/01/25	05/02/25	
o-Xylene	ND	0.0250	1	05/01/25	05/02/25	
p,m-Xylene	ND	0.0500	1	05/01/25	05/02/25	
Total Xylenes	ND	0.0250	1	05/01/25	05/02/25	
Surrogate: 4-Bromochlorobenzene-PID		106 %	70-130	05/01/25	05/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2518088
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/01/25	05/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.9 %	70-130	05/01/25	05/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2518085
Diesel Range Organics (C10-C28)	ND	25.0	1	05/01/25	05/01/25	_
Oil Range Organics (C28-C36)	ND	50.0	1	05/01/25	05/01/25	
Surrogate: n-Nonane		106 %	61-141	05/01/25	05/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: JM		Batch: 2518092
Chloride	7890	200	10	05/01/25	05/01/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/7/2025 11:31:35AM

FS17-4' E504317-05

	1304517 03				
Result	Reporting Limit		Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	lyst: BA		Batch: 2518088
ND	0.0250	1	05/01/25	05/02/25	
ND	0.0250	1	05/01/25	05/02/25	
ND	0.0250	1	05/01/25	05/02/25	
ND	0.0250	1	05/01/25	05/02/25	
ND	0.0500	1	05/01/25	05/02/25	
ND	0.0250	1	05/01/25	05/02/25	
	107 %	70-130	05/01/25	05/02/25	
mg/kg	mg/kg	Ana	lyst: BA		Batch: 2518088
ND	20.0	1	05/01/25	05/02/25	
	91.7 %	70-130	05/01/25	05/02/25	
mg/kg	mg/kg	Ana	lyst: HM		Batch: 2518085
ND	25.0	1	05/01/25	05/01/25	
ND	50.0	1	05/01/25	05/01/25	
	99.2 %	61-141	05/01/25	05/01/25	
mg/kg	mg/kg	Ana	lyst: JM		Batch: 2518092
5550	100	5	05/01/25	05/01/25	
	mg/kg ND Mg/kg ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 MD 20.0250 MD 20.0 91.7 % mg/kg MD 25.0 ND 50.0 99.2 % mg/kg mg/kg mg/kg	mg/kg mg/kg Ana ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 20.00 1 91.7 % 70-130 mg/kg mg/kg Ana ND 25.0 1 ND 50.0 1 99.2 % 61-141 mg/kg mg/kg Ana	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 05/01/25 ND 0.0250 1 05/01/25 ND 0.0250 1 05/01/25 ND 0.0250 1 05/01/25 ND 0.0500 1 05/01/25 ND 0.0250 1 05/01/25 mg/kg mg/kg Analyst: BA ND 20.0 1 05/01/25 mg/kg mg/kg Analyst: HM ND 25.0 1 05/01/25 ND 50.0 1 05/01/25 ND 50.0 1 05/01/25 ND 50.0 1 05/01/25 ND 50.0 1 05/01/25 mg/kg Mg/kg Analyst: HM	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 05/01/25 05/02/25 ND 0.0250 1 05/01/25 05/02/25 ND 0.0250 1 05/01/25 05/02/25 ND 0.0500 1 05/01/25 05/02/25 ND 0.0250 1 05/01/25 05/02/25 ND 0.0250 1 05/01/25 05/02/25 mg/kg mg/kg Analyst: BA ND 20.0 1 05/01/25 05/02/25 mg/kg mg/kg Analyst: BA ND 20.0 1 05/01/25 05/02/25 mg/kg mg/kg Analyst: HM ND 25.0 1 05/01/25 05/01/25 ND 50.0 1 05/01/25 05/01/25 ND 50.0 1 05/01/25 05/01/25 ND 50.0 <



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/7/2025 11:31:35AM

FS18-4'

E504317-06

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2518088
Benzene	ND	0.0250	1	05/01/25	05/02/25	
Ethylbenzene	ND	0.0250	1	05/01/25	05/02/25	
Toluene	ND	0.0250	1	05/01/25	05/02/25	
o-Xylene	ND	0.0250	1	05/01/25	05/02/25	
p,m-Xylene	ND	0.0500	1	05/01/25	05/02/25	
Total Xylenes	ND	0.0250	1	05/01/25	05/02/25	
Surrogate: 4-Bromochlorobenzene-PID		108 %	70-130	05/01/25	05/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2518088
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/01/25	05/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.3 %	70-130	05/01/25	05/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: HM		Batch: 2518085
Diesel Range Organics (C10-C28)	ND	25.0	1	05/01/25	05/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/01/25	05/01/25	
Surrogate: n-Nonane		103 %	61-141	05/01/25	05/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: JM		Batch: 2518092
Chloride	11100	200	10	05/01/25	05/01/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/7/2025 11:31:35AM

FS28-4'

E504317-07

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2518088
Benzene	ND	0.0250	1	05/01/25	05/02/25	
Ethylbenzene	ND	0.0250	1	05/01/25	05/02/25	
Toluene	ND	0.0250	1	05/01/25	05/02/25	
o-Xylene	ND	0.0250	1	05/01/25	05/02/25	
p,m-Xylene	ND	0.0500	1	05/01/25	05/02/25	
Total Xylenes	ND	0.0250	1	05/01/25	05/02/25	
Surrogate: 4-Bromochlorobenzene-PID		107 %	70-130	05/01/25	05/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2518088
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/01/25	05/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.2 %	70-130	05/01/25	05/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: HM		Batch: 2518085
Diesel Range Organics (C10-C28)	ND	25.0	1	05/01/25	05/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/01/25	05/01/25	
Surrogate: n-Nonane		105 %	61-141	05/01/25	05/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: JM		Batch: 2518092
Chloride	5210	100	5	05/01/25	05/01/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/7/2025 11:31:35AM

FS29-4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: BA		Batch: 2518088
Benzene	ND	0.0250	1	05/01/25	05/02/25	
Ethylbenzene	ND	0.0250	1	05/01/25	05/02/25	
Toluene	ND	0.0250	1	05/01/25	05/02/25	
o-Xylene	ND	0.0250	1	05/01/25	05/02/25	
p,m-Xylene	ND	0.0500	1	05/01/25	05/02/25	
Total Xylenes	ND	0.0250	1	05/01/25	05/02/25	
Surrogate: 4-Bromochlorobenzene-PID		106 %	70-130	05/01/25	05/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: BA		Batch: 2518088
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/01/25	05/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.4 %	70-130	05/01/25	05/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: HM		Batch: 2518085
Diesel Range Organics (C10-C28)	ND	25.0	1	05/01/25	05/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/01/25	05/01/25	
Surrogate: n-Nonane		99.6 %	61-141	05/01/25	05/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: JM		Batch: 2518092
Allions by ETA 500.0/3050A						



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/7/2025 11:31:35AM

FS66-4'

E504317-09						
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: BA		Batch: 2518088
Benzene	ND	0.0250	1	05/01/25	05/02/25	
Ethylbenzene	ND	0.0250	1	05/01/25	05/02/25	
Toluene	ND	0.0250	1	05/01/25	05/02/25	
o-Xylene	ND	0.0250	1	05/01/25	05/02/25	
p,m-Xylene	ND	0.0500	1	05/01/25	05/02/25	
Total Xylenes	ND	0.0250	1	05/01/25	05/02/25	
Surrogate: 4-Bromochlorobenzene-PID		106 %	70-130	05/01/25	05/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: BA		Batch: 2518088
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/01/25	05/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.4 %	70-130	05/01/25	05/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: HM		Batch: 2518085
Diesel Range Organics (C10-C28)	ND	25.0	1	05/01/25	05/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/01/25	05/01/25	
Surrogate: n-Nonane		104 %	61-141	05/01/25	05/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: JM		Batch: 2518092
Chloride	9720	200	10	05/01/25	05/01/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/7/2025 11:31:35AM

SW09-0-4

		E504317-10				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2518088
Benzene	ND	0.0250	1	05/01/25	05/02/25	
Ethylbenzene	ND	0.0250	1	05/01/25	05/02/25	
Toluene	ND	0.0250	1	05/01/25	05/02/25	
p-Xylene	ND	0.0250	1	05/01/25	05/02/25	
o,m-Xylene	ND	0.0500	1	05/01/25	05/02/25	
Total Xylenes	ND	0.0250	1	05/01/25	05/02/25	
Surrogate: 4-Bromochlorobenzene-PID		106 %	70-130	05/01/25	05/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2518088
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/01/25	05/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.5 %	70-130	05/01/25	05/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: HM		Batch: 2518085
Diesel Range Organics (C10-C28)	ND	25.0	1	05/01/25	05/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/01/25	05/01/25	
Surrogate: n-Nonane		97.7 %	61-141	05/01/25	05/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: JM		Batch: 2518092
Chloride	434	20.0	1	05/01/25	05/01/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/7/2025 11:31:35AM

SW10-0-4

		E504317-11				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	nalyst: BA		Batch: 2518088
Benzene	ND	0.0250	1	05/01/25	05/02/25	
Ethylbenzene	ND	0.0250	1	05/01/25	05/02/25	
Toluene	ND	0.0250	1	05/01/25	05/02/25	
o-Xylene	ND	0.0250	1	05/01/25	05/02/25	
p,m-Xylene	ND	0.0500	1	05/01/25	05/02/25	
Total Xylenes	ND	0.0250	1	05/01/25	05/02/25	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	05/01/25	05/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: BA		Batch: 2518088
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/01/25	05/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.3 %	70-130	05/01/25	05/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: HM		Batch: 2518085
Diesel Range Organics (C10-C28)	ND	25.0	1	05/01/25	05/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/01/25	05/01/25	
Surrogate: n-Nonane		96.1 %	61-141	05/01/25	05/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: JM		Batch: 2518092
Chloride	26.0	20.0	1	05/01/25	05/01/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/7/2025 11:31:35AM

SW11-0-4 E504317-12

		E504317-12				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2518088
Benzene	ND	0.0250	1	05/01/25	05/02/25	
Ethylbenzene	ND	0.0250	1	05/01/25	05/02/25	
Toluene	ND	0.0250	1	05/01/25	05/02/25	
o-Xylene	ND	0.0250	1	05/01/25	05/02/25	
p,m-Xylene	ND	0.0500	1	05/01/25	05/02/25	
Total Xylenes	ND	0.0250	1	05/01/25	05/02/25	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	05/01/25	05/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2518088
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/01/25	05/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.5 %	70-130	05/01/25	05/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: HM		Batch: 2518085
Diesel Range Organics (C10-C28)	ND	25.0	1	05/01/25	05/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/01/25	05/01/25	
Surrogate: n-Nonane		97.9 %	61-141	05/01/25	05/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: JM		Batch: 2518092
Chloride	55.3	20.0	1	05/01/25	05/01/25	



Sample Data

Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/7/2025 11:31:35AM

SW21-0-4

		E504317-13				
		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: BA		Batch: 2518088
Benzene	ND	0.0250	1	05/01/25	05/02/25	
Ethylbenzene	ND	0.0250	1	05/01/25	05/02/25	
Toluene	ND	0.0250	1	05/01/25	05/02/25	
o-Xylene	ND	0.0250	1	05/01/25	05/02/25	
p,m-Xylene	ND	0.0500	1	05/01/25	05/02/25	
Total Xylenes	ND	0.0250	1	05/01/25	05/02/25	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	05/01/25	05/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: BA		Batch: 2518088
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/01/25	05/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.8 %	70-130	05/01/25	05/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: HM		Batch: 2518085
Diesel Range Organics (C10-C28)	ND	25.0	1	05/01/25	05/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/01/25	05/01/25	
Surrogate: n-Nonane		94.0 %	61-141	05/01/25	05/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: JM		Batch: 2518092
Chloride	569	20.0	1	05/01/25	05/01/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/7/2025 11:31:35AM

SW23-0-4

E504317-14

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2518088
Benzene	ND	0.0250	1	05/01/25	05/02/25	
Ethylbenzene	ND	0.0250	1	05/01/25	05/02/25	
Toluene	ND	0.0250	1	05/01/25	05/02/25	
o-Xylene	ND	0.0250	1	05/01/25	05/02/25	
p,m-Xylene	ND	0.0500	1	05/01/25	05/02/25	
Total Xylenes	ND	0.0250	1	05/01/25	05/02/25	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	05/01/25	05/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: BA		Batch: 2518088
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/01/25	05/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.0 %	70-130	05/01/25	05/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: HM		Batch: 2518085
Diesel Range Organics (C10-C28)	ND	25.0	1	05/01/25	05/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/01/25	05/01/25	
Surrogate: n-Nonane		101 %	61-141	05/01/25	05/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: JM		Batch: 2518092
imons by Elile Colors Cecil						



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/7/2025 11:31:35AM

SW20-0-4

		E504317-15				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2518088
Benzene	ND	0.0250	1	05/01/25	05/02/25	
Ethylbenzene	ND	0.0250	1	05/01/25	05/02/25	
Toluene	ND	0.0250	1	05/01/25	05/02/25	
o-Xylene	ND	0.0250	1	05/01/25	05/02/25	
o,m-Xylene	ND	0.0500	1	05/01/25	05/02/25	
Total Xylenes	ND	0.0250	1	05/01/25	05/02/25	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	05/01/25	05/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2518088
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/01/25	05/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.6 %	70-130	05/01/25	05/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: HM		Batch: 2518085
Diesel Range Organics (C10-C28)	ND	25.0	1	05/01/25	05/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/01/25	05/02/25	
Surrogate: n-Nonane		105 %	61-141	05/01/25	05/02/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: JM		Batch: 2518092
Chloride	265	20.0	1	05/01/25	05/01/25	



		QC S	umma	iry Dat	a				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:	01	GR Pipeline S 1058-0007 shley Gioven					Reported: 5/7/2025 11:31:35AM
1114014 1 111, 00210									
		Volatile O	rganics I	oy EPA 802	21B				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2518088-BLK1)							Prepared: 0	5/01/25 A	nalyzed: 05/02/25
Benzene	ND	0.0250					-		
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.13		8.00		102	70-130			
LCS (2518088-BS1)							Prepared: 0	5/01/25 A	nalyzed: 05/02/25
Benzene	4.95	0.0250	5.00		98.9	70-130			
Ethylbenzene	5.19	0.0250	5.00		104	70-130			
Toluene	5.15	0.0250	5.00		103	70-130			
p-Xylene	5.16	0.0250	5.00		103	70-130			
o,m-Xylene	10.5	0.0500	10.0		105	70-130			
Total Xylenes	15.6	0.0250	15.0		104	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.13		8.00		102	70-130			
Matrix Spike (2518088-MS1)				Source:	E504314-	03	Prepared: 0	5/01/25 A	nalyzed: 05/02/25
Benzene	5.02	0.0250	5.00	ND	100	70-130			
Ethylbenzene	5.28	0.0250	5.00	ND	106	70-130			
Toluene	5.22	0.0250	5.00	ND	104	70-130			
o-Xylene	5.23	0.0250	5.00	ND	105	70-130			
o,m-Xylene	10.6	0.0500	10.0	ND	106	70-130			
Total Xylenes	15.9	0.0250	15.0	ND	106	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.28		8.00		103	70-130			
Matrix Spike Dup (2518088-MSD1)				Source:	E504314-	.03	Prepared: 0	5/01/25 A	nalyzed: 05/02/25
Benzene	5.55	0.0250	5.00	ND	111	70-130	10.2	27	
Ethylbenzene	5.83	0.0250	5.00	ND	117	70-130	9.96	26	
Toluene	5.77	0.0250	5.00	ND	115	70-130	10.0	20	
o-Xylene	5.80	0.0250	5.00	ND	116	70-130	10.3	25	
n m-Xvlene	11.7	0.0500	10.0	ND	117	70-130	9 72	23	

10.0

15.0

8.00

0.0500

0.0250

ND

ND

117

117

70-130

70-130

70-130



23

26

9.72

9.91

p,m-Xylene Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

11.7

17.5

8.33

Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/7/2025 11:31:35AM

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go			5/7	/2025 11:31:35AM
	Non	halogenated	Organics l	oy EPA 80	15D - Gl	RO		ı	Analyst: BA
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2518088-BLK1)							Prepared: 0:	5/01/25 Analy	zed: 05/02/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.41		8.00		92.6	70-130			
LCS (2518088-BS2)							Prepared: 0:	5/01/25 Analy	zed: 05/02/25
Gasoline Range Organics (C6-C10)	48.1	20.0	50.0		96.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.59		8.00		94.8	70-130			
Matrix Spike (2518088-MS2)				Source:	E504314-	03	Prepared: 0	5/01/25 Analy	zed: 05/02/25
Gasoline Range Organics (C6-C10)	44.4	20.0	50.0	ND	88.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.39		8.00		92.4	70-130			
Matrix Spike Dup (2518088-MSD2)				Source:	E504314-	03	Prepared: 0	5/01/25 Analy	zed: 05/02/25
Gasoline Range Organics (C6-C10)	44.7	20.0	50.0	ND	89.4	70-130	0.672	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.37		8.00		92.2	70-130			



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	-
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/7/2025 11:31:35AM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go			5/7	7/2025 11:31:35AN
	Nonha	logenated Or	ganics by l	EPA 8015I) - DRO	/ORO			Analyst: HM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2518085-BLK1)							Prepared: 0	5/01/25 Anal	yzed: 05/01/25
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	46.3		50.0		92.6	61-141			
LCS (2518085-BS1)							Prepared: 0	5/01/25 Anal	yzed: 05/01/25
Diesel Range Organics (C10-C28)	257	25.0	250		103	66-144			
Surrogate: n-Nonane	47.5		50.0		95.0	61-141			
Matrix Spike (2518085-MS1)				Source:	E504317-	09	Prepared: 0	5/01/25 Anal	yzed: 05/01/25
Diesel Range Organics (C10-C28)	262	25.0	250	ND	105	56-156			
Surrogate: n-Nonane	47.7		50.0		95.5	61-141			
Matrix Spike Dup (2518085-MSD1)				Source:	E504317-	09	Prepared: 0	5/01/25 Anal	yzed: 05/01/25
Diesel Range Organics (C10-C28)	265	25.0	250	ND	106	56-156	1.46	20	
Gurrogate: n-Nonane	47.9		50.0		95.7	61-141			



Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		GR Pipeline S .058-0007	pill				Reported:
Artesia NM, 88210		Project Manager		shley Gioveng	go				5/7/2025 11:31:35AM
		Anions	by EPA 3	300.0/9056 <i>A</i>	4				Analyst: JM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2518092-BLK1)							Prepared: 0	05/01/25 A	Analyzed: 05/01/25
Chloride	ND	20.0							
LCS (2518092-BS1)							Prepared: 0	5/01/25	Analyzed: 05/01/25
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2518092-MS1)				Source:	E504317-0	07	Prepared: 0	5/01/25 A	Analyzed: 05/01/25
Chloride	4540	100	250	5210	NR	80-120			M4
Matrix Spike Dup (2518092-MSD1)				Source:	E504317-0	07	Prepared: 0	5/01/25 A	Analyzed: 05/01/25
Chloride	4230	100	250	5210	NR	80-120	7.06	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:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	05/07/25 11:31

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.



to Imaging: 6/10/2025 3:21:47 PM

Client Information		- 1	Inve	oice Information				La	b Us	e On	ly			TAT				State		
Client: Devon		2 2 3 4 4		Company: Dev	on Energy		Lab	W,O#		7	Job I	Numb	er	1D	2D	3D St	d	VM C	O UT	TX
Project: TGR Pipeline	Spill			Address: 5315	Buena Vista Dr		Eć	304	31	/	do	-8·0	0/00			x		(
Project Manager: Asl		engo		City, State, Zip:	Carlsbad NM, 8822	20														
Address: 3122 Nation	nal Parks	Hwy		Phone: (575)68	9-7597						Ana	lysis	nd Me	thod					Progra	
City, State, Zip: Carls	bad NM,	88220		Email: jim.rale	y@dvn.com												SDV	VA	CWA	RCRA
Phone: 575-988-005	5			Miscellaneous: J	im Raley															
Email: agiovengo@e	nsolum.c	com						8015	115									liance	Y	or N
								by 80	by 80	171	99	0.00	T Itals				PWS			
			Sample Infor	mation		LJ		8	ORO	3y 80	y 82	de 3(8 Me		N.	¥	Samle	du	Pon	narks
Time Sampled Date Sampled	Matrix	No. of Containers		Sample ID		Field	Lab ımber	DRO/ORO	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX RCRA 8 Metals		BGDOC - NM	BGDOC - TX	Sar	Ter	Kei	idiks
1258 4/29/2025	Soil	1		IKAL-4	-1										x		2.4	4		
4/29/2025	Soil	1		1 000		-	2								х		1 200			
1255	3011	1		08		1		-					-		^		100	1		
1257 4/29/2025	Soil	1		09		3	3								х		2.0	0		
1254 4/29/2025	Soil	1		15		1	1								x		0.	9		
1254 4/29/2025	Soil	1		17		0	ó								x		0.	5		
1252 4/29/2025	Soil	1		18		4									x		1,4	1		
4/29/2025	Soil	1		28		-		r							x		2.0			
125	, para, co							-					+	+						-
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1247 4/29/2025	Soil	1		V 64.	V	9	7								х		1. 1	7		
4/29/2025	Soil	1				10)								x		1.5	5		
Additional Instruction	ns: Pl	ease CC: o	:burton@ensolum	n.com, agiovengo	@ensolum.com, jin	n.raley@	dvn.c	com,	iestr	ella@	ens	olum	com, c	hamil	ton(ensolu	ım.com	,		
bmoir@ensolum.com	m			4		71	1	- 4-1-	àu ktor		-We estin	- la	idarad fr	and and	I may b	n arounde	for logal a	ction		
I, (field sampler), attest to th	e validity an	Tell 4	y of this sample. I am aw	are that tampering with			locatio	n, date	or um	e or co	Jilectio	n is con	sidered ii	auu anu	i iliay c	e grounds	ioi icgai a	ction.		
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																	R		d on i	ce:
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Sample Matrix: S - Soil, Sd - S	Solid, Sg - Slu	idge, A - Aque	eous, O - Other			Contain	er Typ	pe: g -	glass	, p -	poly/	olastic	ag - ar	nber g	lass,	v - VOA				
Note: Samples are discard	ded 14 day	s after resul	ts are reported unless	other arrangements	are made. Hazardous sa	mples will	be retu	urned	to clie	nt or	dispo	sed of	t the cli	ent exp	ense.	The repo	rt for the	analys	is of the	above

Released to Imaging: 6/10/2025 3:21:47 PM

	Clie	nt Inform	nation		Invo	oice Information				ı	ab U	se Or	nly			TAT					Sta		
Client: [Devon				Company: Dev	on Energy		_ La	ь wo)#	-	Job	Num	er	, 1	D 20) 3	3D Std		_	CO U	TX	
Project:	TGR Pipeline	Spill			Address: 5315	Buena Vista Dr		_ LE	50	131	/	010	581	007				x		x			_
Project I	Manager: As	hley Giov	engo		City, State, Zip:	Carlsbad NM, 882	20																
Address	3122 Natio	nal Parks	Hwy		Phone: (575)68	9-7597						Ana	lysis	and N	1etho	bd				_	A Prog		
	te, Zip: Carls		7.7 20.12.23		Email: iim.rale	v@dvn.com			13										SD	NA	CWA	RCR	A
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	giovengo@e		om		Wilsecharicousis	in naicy			L .		,								Com	plian	e Y	or	N
Linaii. c	HIOVEII C	noordinie							8015	8015	3	1.0	0		2		. [PWS	ID#			
				Sample Info	rmation				3		BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	2		×	a	р			
Time	150.00	L. Namada	No. of				e e	Lab	er ogo/ogo	NO/OR	X by	by	oride	2 100	8	MN-2005		BGDOC - TX	Samle	em	Re	emarks	
Sampled	Date Sampled	Matrix	Containers		Sample ID		Field	Numbe	er 2	GRO	BTE	Š	÷.	TCE	S.	n S		BGD	S	-			
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1130	4/29/2025	Soil	1		1 10)		12								,	(2:	5			
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-	4/29/2025	Soil	1												+		x						
		3011								-		-			-					-			_
	4/29/2025	Soil	1														x						
	nal Instruction		ease CC: o	burton@ensolu	m.com, agiovengo	@ensolum.com, jir	n.rale	/@dvr	n.com	ı, iest	trella	@en	solun	.com,	char	milto	n@	ensolun	n.cor	n,			
I, (field sam	pler), attest to the	e validity an	d authenticit	y of this sample. I am a	ware that tampering with	or intentionally mislabelin	g the san	nple loca	ation, d	ate or t	ime of o	collecti	on is co	nsidered	fraud	and ma	y be	grounds fo	r legal	action			
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Note: C	trix: S - Soil, Sd - S	dod 14 de	ruge, A - Aque	ts are reported water	es other arrangements	are made. Hazardous sa	mnles	vill he r	eturne	ed to c	lient o	r disno	sed of	at the	client	expen	se. T	he report	for th	e ana	lysis of t	ne above	
Note: San samples is	nples are discar	ded 14 day to those s	s after resul	ts are reported unle eived by the laborate	ss other arrangements bry with this COC. The l	are made. Hazardous sa iability of the laboratory	mples v	will be r ed to th	returne he amo	ed to c	lient o	r dispo	sed of	at the t.	client	expen	se. T	he report	for th	e ana	lysis of t	ie above	

Printed: 5/1/2025 8:33:14AM

Envirotech Analytical Laboratory

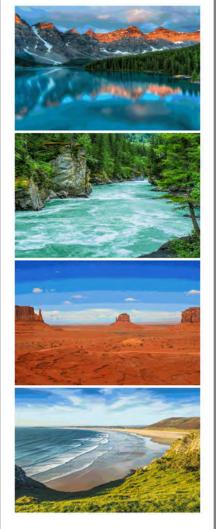
Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	05/01/25 0	7:30	Work Order ID:	E504317
Phone:	(505) 382-1211	Date Logged In:	04/30/25 1	4:47	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	05/07/25 1	7:00 (4 day TAT)		
Chain of	Custody (COC)					
1. Does th	he sample ID match the COC?		Yes			
2. Does th	he number of samples per sampling site location ma	atch the COC	Yes			
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: Courier		
4. Was th	e COC complete, i.e., signatures, dates/times, reque	ested analyses?	Yes			
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted i.e, 15 minute hold time, are not included in this disucss	•	Yes		Comment	ts/Resolution
Sample T	Furn Around Time (TAT)				<u> </u>	
	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample (<u>Cooler</u>					
7. Was a	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was th	e sample(s) received intact, i.e., not broken?		Yes			
10. Were	custody/security seals present?		No			
	, were custody/security seals intact?		NA			
-	e sample received on ice?		Yes			
	Note: Thermal preservation is not required, if samples a 15 minutes of sampling					
	OC for individual sample temps. Samples outside	of 0°C-6°C will be	recorded ii	n comments.		
	Container					
	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	trip blank (TB) included for VOC analyses?		NA			
	on-VOC samples collected in the correct container		Yes			
19. Is the	appropriate volume/weight or number of sample conta	iners collected?	Yes			
Field Lal						
	field sample labels filled out with the minimum inf	formation:	37			
	ample ID? Date/Time Collected?		Yes			
	follectors name?		Yes Yes			
	Preservation		168			
_	the COC or field labels indicate the samples were	reserved?	No			
	ample(s) correctly preserved?		NA			
	filtration required and/or requested for dissolved n	netals?	No			
Multinha	ase Sample Matrix					
	the sample have more than one phase, i.e., multiph	ase?	No			
	, does the COC specify which phase(s) is to be ana		NA			
		yzeu.	INA			
	act Laboratory	0	3.7			
	amples required to get sent to a subcontract laborate		No			
	a subcontract laboratory specified by the client and	ii so wno?	NA	Subcontract Lab: NA		
Client I	<u>nstruction</u>					
1						
1						

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: TGR Pipeline Spill

Work Order: E505013

Job Number: 01058-0007

Received: 5/2/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 5/7/25

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

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

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

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

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

Date Reported: 5/7/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: TGR Pipeline Spill

Workorder: E505013

Date Received: 5/2/2025 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/2/2025 7:00:00AM, under the Project Name: TGR Pipeline Spill.

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

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

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

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

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name: TGR Pipeline Spill		Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	Keporteu:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	05/07/25 10:45

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS01-4'	E505013-01A	Soil	04/30/25	05/02/25	Glass Jar, 2 oz.
FS02-4'	E505013-02A	Soil	04/30/25	05/02/25	Glass Jar, 2 oz.
FS03-4'	E505013-03A	Soil	04/30/25	05/02/25	Glass Jar, 2 oz.
FS04-4'	E505013-04A	Soil	04/30/25	05/02/25	Glass Jar, 2 oz.
FS05-4'	E505013-05A	Soil	04/30/25	05/02/25	Glass Jar, 2 oz.
FS07-4'	E505013-06A	Soil	04/30/25	05/02/25	Glass Jar, 2 oz.
FS10-4'	E505013-07A	Soil	04/30/25	05/02/25	Glass Jar, 2 oz.
FS14-4'	E505013-08A	Soil	04/30/25	05/02/25	Glass Jar, 2 oz.
FS16-4'	E505013-09A	Soil	04/30/25	05/02/25	Glass Jar, 2 oz.
SW14-0-4'	E505013-10A	Soil	04/30/25	05/02/25	Glass Jar, 2 oz.
SW15-0-4'	E505013-11A	Soil	04/30/25	05/02/25	Glass Jar, 2 oz.
SW16-0-4'	E505013-12A	Soil	04/30/25	05/02/25	Glass Jar, 2 oz.
SW25-0-4'	E505013-13A	Soil	04/30/25	05/02/25	Glass Jar, 2 oz.
SW26-0-4'	E505013-14A	Soil	04/30/25	05/02/25	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/7/2025 10:45:18AM

FS01-4' E505013-01

		E303013-01				
Analyte	Result	Reporting Limit	Dilutior	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2518104
Benzene	ND	0.0250	1	05/02/25	05/02/25	
Ethylbenzene	ND	0.0250	1	05/02/25	05/02/25	
Toluene	ND	0.0250	1	05/02/25	05/02/25	
o-Xylene	ND	0.0250	1	05/02/25	05/02/25	
p,m-Xylene	ND	0.0500	1	05/02/25	05/02/25	
Total Xylenes	ND	0.0250	1	05/02/25	05/02/25	
Surrogate: 4-Bromochlorobenzene-PID		87.3 %	70-130	05/02/25	05/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2518104
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/02/25	05/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.9 %	70-130	05/02/25	05/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: KH		Batch: 2518101
Diesel Range Organics (C10-C28)	ND	25.0	1	05/02/25	05/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/02/25	05/02/25	
Surrogate: n-Nonane		91.2 %	61-141	05/02/25	05/02/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2518113
Chloride	684	20.0	1	05/02/25	05/02/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/7/2025 10:45:18AM

FS02-4'

		E505013-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	llyst: SL		Batch: 2518104
Benzene	ND	0.0250	1	05/02/25	05/03/25	
Ethylbenzene	ND	0.0250	1	05/02/25	05/03/25	
Toluene	ND	0.0250	1	05/02/25	05/03/25	
o-Xylene	ND	0.0250	1	05/02/25	05/03/25	
p,m-Xylene	ND	0.0500	1	05/02/25	05/03/25	
Total Xylenes	ND	0.0250	1	05/02/25	05/03/25	
Surrogate: 4-Bromochlorobenzene-PID		87.7 %	70-130	05/02/25	05/03/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	llyst: SL		Batch: 2518104
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/02/25	05/03/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.7 %	70-130	05/02/25	05/03/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2518101
Diesel Range Organics (C10-C28)	ND	25.0	1	05/02/25	05/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/02/25	05/02/25	
Surrogate: n-Nonane		94.2 %	61-141	05/02/25	05/02/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2518113
Chloride	137	20.0	1	05/02/25	05/02/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/7/2025 10:45:18AM

FS03-4'

E505013-03

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2518104
Benzene	ND	0.0250	1	05/02/25	05/03/25	
Ethylbenzene	ND	0.0250	1	05/02/25	05/03/25	
Toluene	ND	0.0250	1	05/02/25	05/03/25	
o-Xylene	ND	0.0250	1	05/02/25	05/03/25	
p,m-Xylene	ND	0.0500	1	05/02/25	05/03/25	
Total Xylenes	ND	0.0250	1	05/02/25	05/03/25	
Surrogate: 4-Bromochlorobenzene-PID		87.7 %	70-130	05/02/25	05/03/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2518104
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/02/25	05/03/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.8 %	70-130	05/02/25	05/03/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2518101
Diesel Range Organics (C10-C28)	ND	25.0	1	05/02/25	05/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/02/25	05/02/25	
Surrogate: n-Nonane		94.3 %	61-141	05/02/25	05/02/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2518113
Chloride	1640	20.0	1	05/02/25	05/02/25	
Cinoriae		20.0				



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/7/2025 10:45:18AM

FS04-4'

E505013-04

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: SL		Batch: 2518104
Benzene	ND	0.0250	1	05/02/25	05/02/25	
Ethylbenzene	ND	0.0250	1	05/02/25	05/02/25	
Toluene	ND	0.0250	1	05/02/25	05/02/25	
o-Xylene	ND	0.0250	1	05/02/25	05/02/25	
p,m-Xylene	ND	0.0500	1	05/02/25	05/02/25	
Total Xylenes	ND	0.0250	1	05/02/25	05/02/25	
Surrogate: 4-Bromochlorobenzene-PID		84.3 %	70-130	05/02/25	05/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2518104
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/02/25	05/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.0 %	70-130	05/02/25	05/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2518101
Diesel Range Organics (C10-C28)	ND	25.0	1	05/02/25	05/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/02/25	05/03/25	
Surrogate: n-Nonane		96.5 %	61-141	05/02/25	05/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: RAS		Batch: 2518113
Chloride	2740	40.0	2	05/02/25	05/02/25	_



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6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/7/2025 10:45:18AM

FS05-4'

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E50	~ 1111	1	

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	nalyst: SL		Batch: 2518104
Benzene	ND	0.0250	1	05/02/25	05/03/25	
Ethylbenzene	ND	0.0250	1	05/02/25	05/03/25	
Toluene	ND	0.0250	1	05/02/25	05/03/25	
o-Xylene	ND	0.0250	1	05/02/25	05/03/25	
p,m-Xylene	ND	0.0500	1	05/02/25	05/03/25	
Total Xylenes	ND	0.0250	1	05/02/25	05/03/25	
Surrogate: 4-Bromochlorobenzene-PID		89.1 %	70-130	05/02/25	05/03/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: SL		Batch: 2518104
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/02/25	05/03/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.1 %	70-130	05/02/25	05/03/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: KH		Batch: 2518101
Diesel Range Organics (C10-C28)	ND	25.0	1	05/02/25	05/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/02/25	05/03/25	
Surrogate: n-Nonane		95.0 %	61-141	05/02/25	05/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: RAS		Batch: 2518113
Chloride	1920	20.0	1	05/02/25	05/02/25	· · · · · · · · · · · · · · · · · · ·



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/7/2025 10:45:18AM

FS07-4'

E505013-06						
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2518104
Benzene	ND	0.0250	1	05/02/25	05/03/25	
Ethylbenzene	ND	0.0250	1	05/02/25	05/03/25	
Toluene	ND	0.0250	1	05/02/25	05/03/25	
o-Xylene	ND	0.0250	1	05/02/25	05/03/25	
p,m-Xylene	ND	0.0500	1	05/02/25	05/03/25	
Total Xylenes	ND	0.0250	1	05/02/25	05/03/25	
Surrogate: 4-Bromochlorobenzene-PID		86.6 %	70-130	05/02/25	05/03/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2518104
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/02/25	05/03/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.8 %	70-130	05/02/25	05/03/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2518101
Diesel Range Organics (C10-C28)	ND	25.0	1	05/02/25	05/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/02/25	05/03/25	
Surrogate: n-Nonane		94.3 %	61-141	05/02/25	05/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2518113
Chloride	6160	100	5	05/02/25	05/02/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/7/2025 10:45:18AM

FS10-4'

E505013-07						
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2518104
Benzene	ND	0.0250	1	05/02/25	05/03/25	
Ethylbenzene	ND	0.0250	1	05/02/25	05/03/25	
Toluene	ND	0.0250	1	05/02/25	05/03/25	
o-Xylene	ND	0.0250	1	05/02/25	05/03/25	
p,m-Xylene	ND	0.0500	1	05/02/25	05/03/25	
Total Xylenes	ND	0.0250	1	05/02/25	05/03/25	
Surrogate: 4-Bromochlorobenzene-PID		86.9 %	70-130	05/02/25	05/03/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2518104
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/02/25	05/03/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.7 %	70-130	05/02/25	05/03/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2518101
Diesel Range Organics (C10-C28)	ND	25.0	1	05/02/25	05/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/02/25	05/03/25	
Surrogate: n-Nonane		94.1 %	61-141	05/02/25	05/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2518113
Chloride	3910	40.0	2	05/02/25	05/02/25	



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6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/7/2025 10:45:18AM

FS14-4'

E505013-08

		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	.nalyst: SL		Batch: 2518104
Benzene	ND	0.0250	1	05/02/25	05/03/25	
Ethylbenzene	ND	0.0250	1	05/02/25	05/03/25	
Toluene	ND	0.0250	1	05/02/25	05/03/25	
o-Xylene	ND	0.0250	1	05/02/25	05/03/25	
p,m-Xylene	ND	0.0500	1	05/02/25	05/03/25	
Total Xylenes	ND	0.0250	1	05/02/25	05/03/25	
Surrogate: 4-Bromochlorobenzene-PID		89.1 %	70-130	05/02/25	05/03/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: SL		Batch: 2518104
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/02/25	05/03/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.1 %	70-130	05/02/25	05/03/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: KH		Batch: 2518101
Diesel Range Organics (C10-C28)	ND	25.0	1	05/02/25	05/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/02/25	05/03/25	
Surrogate: n-Nonane		96.9 %	61-141	05/02/25	05/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: RAS		Batch: 2518113
Chloride	6430	100	5	05/02/25	05/02/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/7/2025 10:45:18AM

FS16-4' E505013-09

Notes
Batch: 2518104
Batch: 2518104
Batch: 2518101
Batch: 2518113
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Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/7/2025 10:45:18AM

SW14-0-4'

E505013-10						
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	nalyst: SL		Batch: 2518104
Benzene	ND	0.0250	1	05/02/25	05/03/25	
Ethylbenzene	ND	0.0250	1	05/02/25	05/03/25	
Toluene	ND	0.0250	1	05/02/25	05/03/25	
o-Xylene	ND	0.0250	1	05/02/25	05/03/25	
p,m-Xylene	ND	0.0500	1	05/02/25	05/03/25	
Total Xylenes	ND	0.0250	1	05/02/25	05/03/25	
Surrogate: 4-Bromochlorobenzene-PID		89.8 %	70-130	05/02/25	05/03/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: SL		Batch: 2518104
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/02/25	05/03/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.5 %	70-130	05/02/25	05/03/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: KH		Batch: 2518101
Diesel Range Organics (C10-C28)	ND	25.0	1	05/02/25	05/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/02/25	05/03/25	
Surrogate: n-Nonane		90.9 %	61-141	05/02/25	05/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: RAS		Batch: 2518113
Chloride	262	20.0	1	05/02/25	05/02/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/7/2025 10:45:18AM

SW15-0-4'

E505013-11						
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2518104
Benzene	ND	0.0250	1	05/02/25	05/03/25	
Ethylbenzene	ND	0.0250	1	05/02/25	05/03/25	
Toluene	ND	0.0250	1	05/02/25	05/03/25	
o-Xylene	ND	0.0250	1	05/02/25	05/03/25	
p,m-Xylene	ND	0.0500	1	05/02/25	05/03/25	
Total Xylenes	ND	0.0250	1	05/02/25	05/03/25	
Surrogate: 4-Bromochlorobenzene-PID		90.9 %	70-130	05/02/25	05/03/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2518104
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/02/25	05/03/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.0 %	70-130	05/02/25	05/03/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2518101
Diesel Range Organics (C10-C28)	ND	25.0	1	05/02/25	05/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/02/25	05/03/25	
Surrogate: n-Nonane		93.3 %	61-141	05/02/25	05/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2518113
Chloride	185	20.0	1	05/02/25	05/02/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/7/2025 10:45:18AM

SW16-0-4'

E505013-12						
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2518104
Benzene	ND	0.0250	1	05/02/25	05/03/25	
Ethylbenzene	ND	0.0250	1	05/02/25	05/03/25	
Toluene	ND	0.0250	1	05/02/25	05/03/25	
o-Xylene	ND	0.0250	1	05/02/25	05/03/25	
p,m-Xylene	ND	0.0500	1	05/02/25	05/03/25	
Total Xylenes	ND	0.0250	1	05/02/25	05/03/25	
Surrogate: 4-Bromochlorobenzene-PID		91.8 %	70-130	05/02/25	05/03/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2518104	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/02/25	05/03/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.1 %	70-130	05/02/25	05/03/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2518101	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/02/25	05/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/02/25	05/03/25	
Surrogate: n-Nonane		96.5 %	61-141	05/02/25	05/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2518113
Chloride	ND	20.0	1	05/02/25	05/02/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/7/2025 10:45:18AM

SW25-0-4'

		E505013-13				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	nalyst: SL		Batch: 2518104
Benzene	ND	0.0250	1	05/02/25	05/03/25	
Ethylbenzene	ND	0.0250	1	05/02/25	05/03/25	
Toluene	ND	0.0250	1	05/02/25	05/03/25	
o-Xylene	ND	0.0250	1	05/02/25	05/03/25	
p,m-Xylene	ND	0.0500	1	05/02/25	05/03/25	
Total Xylenes	ND	0.0250	1	05/02/25	05/03/25	
Surrogate: 4-Bromochlorobenzene-PID		90.1 %	70-130	05/02/25	05/03/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: SL		Batch: 2518104
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/02/25	05/03/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.9 %	70-130	05/02/25	05/03/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: KH		Batch: 2518101
Diesel Range Organics (C10-C28)	ND	25.0	1	05/02/25	05/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/02/25	05/03/25	
Surrogate: n-Nonane		94.3 %	61-141	05/02/25	05/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: RAS		Batch: 2518113
Chloride	22.9	20.0	1	05/02/25	05/02/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/7/2025 10:45:18AM

SW26-0-4'

	E505013-14													
		Reporting												
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes								
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: SL		Batch: 2518104								
Benzene	ND	0.0250	1	05/02/25	05/03/25									
Ethylbenzene	ND	0.0250	1	05/02/25	05/03/25									
Toluene	ND	0.0250	1	05/02/25	05/03/25									
o-Xylene	ND	0.0250	1	05/02/25	05/03/25									
p,m-Xylene	ND	0.0500	1	05/02/25	05/03/25									
Total Xylenes	ND	0.0250	1	05/02/25	05/03/25									
Surrogate: 4-Bromochlorobenzene-PID		90.3 %	70-130	05/02/25	05/03/25									
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: SL		Batch: 2518104								
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/02/25	05/03/25									
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.6 %	70-130	05/02/25	05/03/25									
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: KH		Batch: 2518101								
Diesel Range Organics (C10-C28)	ND	25.0	1	05/02/25	05/03/25									
Oil Range Organics (C28-C36)	ND	50.0	1	05/02/25	05/03/25									
Surrogate: n-Nonane		93.9 %	61-141	05/02/25	05/03/25									
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: RAS		Batch: 2518113								
Chloride	195	20.0	1	05/02/25	05/02/25									



OC Summary Data

		QC Si	umm	ary Dat	a				
Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		GR Pipeline S	Spill				Reported:
Artesia NM, 88210		Project Manager:		Ashley Giovens	go			5	/7/2025 10:45:18AM
		Volatile O	rganics	by EPA 802	21B				Analyst: SL
									Allaryst. 3L
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2518104-BLK1)							Prepared: 0	5/02/25 Ana	alyzed: 05/02/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.97		8.00		87.1	70-130			
LCS (2518104-BS1)							Prepared: 0	5/02/25 Ana	alyzed: 05/02/25
Benzene	4.76	0.0250	5.00		95.3	70-130			
Ethylbenzene	4.68	0.0250	5.00		93.5	70-130			
Toluene	4.73	0.0250	5.00		94.5	70-130			
o-Xylene	4.62	0.0250	5.00		92.5	70-130			
p,m-Xylene	9.43	0.0500	10.0		94.3	70-130			
Total Xylenes	14.1	0.0250	15.0		93.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.97		8.00		87.1	70-130			
Matrix Spike (2518104-MS1)				Source:	E505013-	04	Prepared: 0	5/02/25 Ana	alyzed: 05/02/25
Benzene	5.38	0.0250	5.00	ND	108	70-130			
Ethylbenzene	5.28	0.0250	5.00	ND	106	70-130			
Toluene	5.34	0.0250	5.00	ND	107	70-130			
o-Xylene	5.21	0.0250	5.00	ND	104	70-130			
p,m-Xylene	10.6	0.0500	10.0	ND	106	70-130			
Total Xylenes	15.8	0.0250	15.0	ND	106	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.84		8.00		85.5	70-130			
Matrix Spike Dup (2518104-MSD1)				Source:	E505013-	04	Prepared: 0	5/02/25 Ana	alyzed: 05/02/25
Benzene	5.49	0.0250	5.00	ND	110	70-130	1.94	27	
Ethylbenzene	5.39	0.0250	5.00	ND	108	70-130	2.04	26	
Toluene	5.46	0.0250	5.00	ND	109	70-130	2.13	20	
o-Xylene	5.34	0.0250	5.00	ND	107	70-130	2.57	25	
p,m-Xylene	10.9	0.0500	10.0	ND	109	70-130	2.11	23	
Total Xylenes	16.2	0.0250	15.0	ND	108	70-130	2.26	26	
G			0.00		07.0	70 120			



Surrogate: 4-Bromochlorobenzene-PID

7.02

70-130

Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/7/2025 10:45:18AM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go			5/	7/2025 10:45:18AM
	Nor	halogenated		Analyst: SL					
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2518104-BLK1)							Prepared: 0	5/02/25 Ana	lyzed: 05/02/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.61		8.00		95.2	70-130			
LCS (2518104-BS2)							Prepared: 0	5/02/25 Ana	lyzed: 05/02/25
Gasoline Range Organics (C6-C10)	43.2	20.0	50.0		86.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.68		8.00		96.0	70-130			
Matrix Spike (2518104-MS2)				Source:	E505013-	04	Prepared: 0	5/02/25 Ana	lyzed: 05/02/25
Gasoline Range Organics (C6-C10)	42.7	20.0	50.0	ND	85.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.63		8.00		95.3	70-130			
Matrix Spike Dup (2518104-MSD2)				Source:	E505013-	04	Prepared: 0	5/02/25 Ana	lyzed: 05/02/25
Gasoline Range Organics (C6-C10)	43.4	20.0	50.0	ND	86.8	70-130	1.68	20	

8.00

95.9

70-130

QC Summary Data

Devon Energy - Carlsbad	Project Name: Project Number:	TGR Pipeline Spill 01058-0007	Reported:
6488 7 Rivers Hwy Artesia NM, 88210	Project Number: Project Manager:	Ashley Giovengo	5/7/2025 10:45:18AM

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go				5/7/2025 10:45:18AN
	Nonhal	logenated Or		Analyst: KH					
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2518101-BLK1)							Prepared: 0	5/02/25 A	nalyzed: 05/02/25
biesel Range Organics (C10-C28)	ND	25.0							
vil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	46.3		50.0		92.6	61-141			
CS (2518101-BS1)							Prepared: 0	5/02/25 A	nalyzed: 05/02/25
riesel Range Organics (C10-C28)	249	25.0	250		99.6	66-144			
urrogate: n-Nonane	47.1		50.0		94.2	61-141			
Aatrix Spike (2518101-MS1)				Source:	E505013-	03	Prepared: 0	5/02/25 A	nalyzed: 05/02/25
viesel Range Organics (C10-C28)	254	25.0	250	ND	102	56-156			
urrogate: n-Nonane	46.6		50.0		93.2	61-141			
Matrix Spike Dup (2518101-MSD1)				Source:	E505013-	03	Prepared: 0	5/02/25 A	nalyzed: 05/02/25
tiesel Range Organics (C10-C28)	255	25.0	250	ND	102	56-156	0.496	20	
urrogate: n-Nonane	45.4		50.0		90.9	61-141			



QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		GR Pipeline S	pill				Reported:
Artesia NM, 88210	Project Manager: Ashley Giovengo								5/7/2025 10:45:18AM
		Anions	by EPA 3	300.0/9056 <i>A</i>	4				Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2518113-BLK1)							Prepared: 0	5/02/25 A	Analyzed: 05/02/25
Chloride	ND	20.0							
LCS (2518113-BS1)							Prepared: 0	5/02/25 A	Analyzed: 05/02/25
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2518113-MS1)				Source:	E505013-0	03	Prepared: 0	5/02/25 A	Analyzed: 05/02/25
Chloride	1860	20.0	250	1640	88.3	80-120			
Matrix Spike Dup (2518113-MSD1)				Source:	E505013-	03	Prepared: 0	5/02/25	Analyzed: 05/02/25
Chloride	1840	20.0	250	1640	82.8	80-120	0.741	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:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	05/07/25 10:45

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	Inform	ation		li li	nvoice Information					La		e Or					T				Stat		
Client: Devo	on					Devon Energy		L	ab \	WO#	ani	1		Num		7	1D	2D	3D S	Std	NM	CO UT	TX	
Project: TGF	R Pipeline S	Spill				315 Buena Vista Dr			E 5	503	101	3	010	58.6	000	1			×		Х			
Project Mana						ty, State, Zip: Carlsbad NM, 88220							Analysis and Method											
Address: 31					Phone: (575)689-7597							Ana	lysis	and	Met	hod					A Progr		
City, State, Z		ad NM,	88220		Email: jim.ra	aley@dvn.com														5	DWA	CWA	RCRA	
Phone: 575-					Miscellaneou	s: Jim Raley																		
Email: agiov	engo@ens	solum.c	om							8015	115										mplian	ce Y	or N	
							-			3y 8C	3y 8C	21	0	0.00	×	tals				P	WSID #			
				Sample Info	rmation		_	. 1		RO	RO	y 80	/ 826	le 3C	- 500	3 Me		N.	¥.		a du			
Time Dat	te Sampled	Matrix	No. of Containers		Sample ID		Field	Lab Numb		DRO/ORO by	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Samle	Rei	marks	
1115 4/	/30/2025	Soil	1		F501-	4 1		1										x			4.1			
1115 4/	/30/2025	Soil	1		102	1		2										х		1	3.7			
	/30/2025	Soil	1		03	2		3										х		2	3,4			
	/30/2025	Soil	1		04			4										x			3.6			
	/30/2025	Soil	1		05		T	5										х			3.3			
	/30/2025	Soil	1		07			6										x			3.2			
	/30/2025	Soil	1		10			7										х			2.8			
	/30/2025	Soil	1		14			8										x	\Box		3,4			
4/	/30/2025	Soil	1		17	1	t	9		-4								x			1.3			
1129-	/30/2025	Soil	1	V-	V 16	V	+	10	-	2								x			1.7			
										m								77						
Additional In	nstruction	s: Ple	ase CC: c	burton@ensolu	m.com, agioven	go@ensolum.com, jir	n.ral	ey@dv	n.co	om, i	estr	ella@	ens	olum	.con	n, ch	amili	ton@	Penso	lum.c	om,			
bmoir@ense											-				- 4.1									
I, (field sampler),	attest to the v	ralidity and		of this sample. I am a	ware that tampering v	with or intentionally mislabelin	g the s	sample loca	ation	, date	or tim	e of co	llectio	n is cor	nsider	ed frau	id and	may b	e ground	as for leg	galaction			
Sampled by:		6	eller	Inco	Time	Doebhad bar /Sianat	11		-		Data	_			Time			-			2.012.31	and the second	trucks at	
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Relinquished by	(Cinnatura)	2	-	Date	Time	Received by: (Signat	v Col	Dave.		200	Date	1 6	4)	-	Time	,,,	1	_	-				eceived or ampled or	
Maished by	y: (Signature	1	0	5-1-25	1630	Received by (Signat	ire)					1.	25		Tillice	16	30)					at a temp	
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Kellingshed by	(Signature)			2125	2315	hecero by (signa	1	The	1		6	5.2	2.2	5	2	10	0			abo		quent da		
Relinquished by	C.			2.1.01	Time	Received by: (Signat	150	pru	_		Date	- 0	, 0		Time		_		1			Use Onl	• • • • • • • • • • • • • • • • • • • •	
Kelinquished by	y: (Signature)	,		Date	Time	Received by. (signat	uie)				Date				111110				-	-		ved on i		
Relinquished by	y: (Signature)			Date	Time	Received by: (Signat	ure)				Date				Time						-	Y N	ce.	
Sample Matrix: S	- Soil Sd - Soli	id Sp - Shire	ge A - Anue	ous. O - Other	1		ICo	ntainer 1	Type	e: p -	glass	. p - r	oolv/r	olastic	c, ag	- amh	er gl	ass. v	- VOA		_			
					s other arrangemen	nts are made. Hazardous sa															the ana	vsis of the	above	

	Client Information Invoice Information		oice Information				L	ab Us	se Or	nly	TAT			AT.	State			e				
Client: I	Devon				Company: De	von Energy		La	b WC	WO# Job Nur				er	_ 1	1D 2	2D	3D Std		NM	CO UT	TX
Project:	TGR Pipeline	Spill			Address: 531	5 Buena Vista Dr		_ E	50	50	3	Oh	228.	∞				x		x		
Project I	Manager: As	hley Giov	/engo		City, State, Zip: Carlsbad NM, 88220																	
Address	: 3122 Natio	nal Parks	Hwy		Phone: (575)689-7597							Ana	nalysis and Me		Meth	od				EP	A Progr	am
City, Sta	te, Zip: Carls	bad NM,	88220		Email: jim.rale	ey@dvn.com													SD	AW	CWA	RCRA
Phone:	575-988-005	5			Miscellaneous:	Jim Raley																
Email: a	igiovengo@e	nsolum.c	com						8015	15									-	nplian	e Y	or N
					10				V 80	88	7	0	0.0	×	sas				PW	SID#		
				Sample Info	rmation		L		- SRO	NO E	y 80	y 826	de 30	- 500	Me Me		NN.	*	e e	d		source .
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID		Field	Lab Numbe	or ORO/ORO	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX	San	Temp	Ker	marks
1124	4/30/2025	Soil	1	,	SW12 I												x					
4124	4/30/2025	Soil	1	-		<u> </u>											х					
1124	4/30/2025	Soil	1		SW14-0	-41		10									x		3	1.1		
1134		Soil	1		1 15			1									х		1000	8.		
1136	4/30/2025	Soil	1		16			12									х		2	.9		
1015	4/30/2025	Soil	1		25			13									x		2	.Q		
1017	4/30/2025	Soil	1		V26			14									x		4	Ò		
	4/30/2025	Soil	1														x					
	4/30/2025	Soil	1														x					
	4/30/2025	Soil	1						Ĭ								х					
Additio	nal Instruction	ns: Ple	ease CC:	burton@ensolu	m.com, agiovengo	@ensolum.com, jim	raley	@dvn	.com	, iesti	ella(@ens	olum	.com	, char	milto	n@	ensolun	n.cor	m,		
I, (field sam	Densolum.com ppler), attest to the	e validity an	d authenticit	y of this sample. I am a	ware that tampering with	n or intentionally mislabeling	the sam	ple locat	tion, dat	te or tir	ne of co	ollectio	n is con	sidered	fraud	and ma	ay be	e grounds fo	r legal	action.		
	ned by: (Signatur			Date	Time	Received by: (Signatu	re)			Date		0		Time	-				Sam	ples re	quiring t	hermal
<		21		5/1/25	7=11	MALLE	1		0	5	-1.	25		6	711			pre	serva	ation n	nust be r	eceived or
Relingais	iche (Signatur	Gong	fales	5-1-25	1630	Received by: (Signat	1.	and a	ज्ञ	Date	./:	23	/	Time	16	30	0					ampled or at a temp
Relinquish	ned by: (Signatur	re)		S - 1 - 28	23/5	Received by: (Signatu	re)	na	L-	Date	5.2	.7	5	Time 7	00						less that quent da	n 6°C on ys.
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												-					-	-		1		
	trix: S - Soil, Sd - S							niner Ty														
						are made. Hazardous sa									client	expen	se. T	ine report	for th	ne anal	ysis of the	above

Printed: 5/2/2025 8:58:09AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	05/02/25 07	7:00	Work Order ID:	E505013
Phone:	(505) 382-1211	Date Logged In:	05/01/25 15	5:39	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	05/08/25 17	7:00 (4 day TAT)		
CI ' C	G + 1 (COC)					
	Custody (COC)		77			
	ne sample ID match the COC? The number of samples per sampling site location ma	tch the COC	Yes			
	amples dropped off by client or carrier?	ien die COC	Yes	a . a .		
	e COC complete, i.e., signatures, dates/times, reque	oted analyses?	Yes Yes	Carrier: Courier		
	Il samples received within holding time?	sted analyses:	Yes			
3. Were a	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssi		103		Commen	ts/Resolution
Sample 1	<u> Curn Around Time (TAT)</u>					
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample C	<u>Cooler</u>					
7. Was a	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was th	e sample(s) received intact, i.e., not broken?		Yes			
10. Were	custody/security seals present?		No			
11. If yes	, were custody/security seals intact?		NA			
	e sample received on ice? Note: Thermal preservation is not required, if samples ar 15 minutes of sampling		Yes			
	OC for individual sample temps. Samples outside o	f 0°C-6°C will be	recorded in	comments.		
	Container VOC 1 1 12		3.7			
	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	trip blank (TB) included for VOC analyses?	0	NA			
	on-VOC samples collected in the correct containers		Yes			
	appropriate volume/weight or number of sample contain	ners collected?	Yes			
Field Lal						
	field sample labels filled out with the minimum info ample ID?	offication.	Yes			
	pate/Time Collected?		Yes			
	ollectors name?		Yes			
Sample F	<u>Preservation</u>					
21. Does	the COC or field labels indicate the samples were p	reserved?	No			
22. Are s	ample(s) correctly preserved?		NA			
24. Is lab	filtration required and/or requested for dissolved m	etals?	No			
Multipha	se Sample Matrix					
26. Does	the sample have more than one phase, i.e., multipha	se?	No			
27. If yes	, does the COC specify which phase(s) is to be analy	yzed?	NA			
Subcontr	act Laboratory					
	amples required to get sent to a subcontract laborato	ry?	No			
	subcontract laboratory specified by the client and i	•	NA :	Subcontract Lab: NA		
Client I	nstruction_					

Date

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

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





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Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: TGR Pipeline Spill

Work Order: E505031

Job Number: 01058-007

Received: 5/5/2025

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 5/13/25

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

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

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

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

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

Date Reported: 5/13/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: TGR Pipeline Spill

Workorder: E505031

Date Received: 5/5/2025 7:45:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/5/2025 7:45:00AM, under the Project Name: TGR Pipeline Spill.

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

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

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

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

Respectfully,

Walter Hinchman

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Sample Summary

Γ	Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	Donoutoda
ı	6488 7 Rivers Hwy	Project Number:	01058-007	Reported:
l	Artesia NM, 88210	Project Manager:	Ashley Giovengo	05/13/25 10:13

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS11-4'	E505031-01A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
FS12-4'	E505031-02A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
FS13-4'	E505031-03A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
FS19-4'	E505031-04A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
FS20-4'	E505031-05A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
FS21-4'	E505031-06A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
FS22-4'	E505031-07A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
FS26-4'	E505031-08A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
SW30-4'	E505031-09A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
FS32-4'	E505031-10A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
FS34-4'	E505031-11A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
FS35-4'	E505031-12A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
FS27-4'	E505031-13A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
FS62-4'	E505031-14A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
FS63-4'	E505031-15A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
FS64-4'	E505031-16A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
FS68-4'	E505031-17A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
FS69-4'	E505031-18A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
FS71-4'	E505031-19A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/13/2025 10:13:29AM

FS11-4' E505031-01

	E303031-01				
Dogult			Duomonod	Analyzad	Notes
Result	Lillit	Dilution	Frepared	Anatyzeu	Notes
mg/kg	mg/kg	Anal	yst: BA		Batch: 2519018
ND	0.0250	1	05/05/25	05/07/25	
ND	0.0250	1	05/05/25	05/07/25	
ND	0.0250	1	05/05/25	05/07/25	
ND	0.0250	1	05/05/25	05/07/25	
ND	0.0500	1	05/05/25	05/07/25	
ND	0.0250	1	05/05/25	05/07/25	
	106 %	70-130	05/05/25	05/07/25	
mg/kg	mg/kg	Anal	yst: BA		Batch: 2519018
ND	20.0	1	05/05/25	05/07/25	
	83.9 %	70-130	05/05/25	05/07/25	
mg/kg	mg/kg	Anal	yst: NV		Batch: 2519027
ND	25.0	1	05/05/25	05/06/25	
ND	50.0	1	05/05/25	05/06/25	
	97.9 %	61-141	05/05/25	05/06/25	
mg/kg	mg/kg	Anal	yst: JM		Batch: 2519028
1430	20.0	1	05/05/25	05/05/25	
	ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result Reporting mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 I06 % mg/kg mg/kg mg/kg ND 20.0 83.9 % mg/kg ND 25.0 ND 50.0 97.9 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Anal ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 Mg/kg mg/kg Anal ND 20.0 1 83.9 % 70-130 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 97.9 % 61-141 mg/kg mg/kg Anal	Reporting Result Limit Dilution Prepared mg/kg Analyst: BA ND 0.0250 1 05/05/25 ND 0.0250 1 05/05/25 ND 0.0250 1 05/05/25 ND 0.0250 1 05/05/25 ND 0.0500 1 05/05/25 ND 0.0250 1 05/05/25 mg/kg Malyst: BA ND 20.0 1 05/05/25 mg/kg Analyst: BA ND 20.0 1 05/05/25 mg/kg Analyst: NV ND 25.0 1 05/05/25 ND 50.0 1 05/05/25 ND 50.0 1 05/05/25 MD 50.0 1 05/05/25 mg/kg Malyst: JM 05/05/25	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 05/05/25 05/07/25 ND 0.0500 1 05/05/25 05/07/25 ND 0.0250 1 05/05/25 05/07/25 ND 0.0250 1 05/05/25 05/07/25 mg/kg mg/kg Analyst: BA ND 20.0 1 05/05/25 05/07/25 mg/kg mg/kg Analyst: NV ND 25.0 1 05/05/25 05/06/25 ND 25.0 1 05/05/25 05/06/25 ND 50.0 1 05/05/25 05/06/25 ND 50.0 1 05/05/25

Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/13/2025 10:13:29AM

FS12-4'

		E505031-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2519018
Benzene	ND	0.0250	1	05/05/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/07/25	
Toluene	ND	0.0250	1	05/05/25	05/07/25	
p-Xylene	ND	0.0250	1	05/05/25	05/07/25	
o,m-Xylene	ND	0.0500	1	05/05/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/07/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	05/05/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2519018
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.9 %	70-130	05/05/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2519027
Diesel Range Organics (C10-C28)	52.6	25.0	1	05/05/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/25	05/06/25	
Surrogate: n-Nonane		94.2 %	61-141	05/05/25	05/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: JM		Batch: 2519028
Chloride	1380	20.0	1	05/05/25	05/05/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/13/2025 10:13:29AM

FS13-4'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2519018
Benzene	ND	0.0250	1	05/05/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/07/25	
Toluene	ND	0.0250	1	05/05/25	05/07/25	
o-Xylene	ND	0.0250	1	05/05/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/07/25	
Surrogate: 4-Bromochlorobenzene-PID		107 %	70-130	05/05/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2519018
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		83.6 %	70-130	05/05/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2519027
Diesel Range Organics (C10-C28)	ND	25.0	1	05/05/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/25	05/06/25	
Surrogate: n-Nonane		95.8 %	61-141	05/05/25	05/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: JM		Batch: 2519028
Chloride	13100	200	10	05/05/25	05/05/25	

Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/13/2025 10:13:29AM

FS19-4'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	nalyst: BA		Batch: 2519018
Benzene	ND	0.0250	1	05/05/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/07/25	
Toluene	ND	0.0250	1	05/05/25	05/07/25	
o-Xylene	ND	0.0250	1	05/05/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/07/25	
Surrogate: 4-Bromochlorobenzene-PID		106 %	70-130	05/05/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: BA		Batch: 2519018
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		83.3 %	70-130	05/05/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: NV		Batch: 2519027
Diesel Range Organics (C10-C28)	ND	25.0	1	05/05/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/25	05/06/25	
Surrogate: n-Nonane		97.0 %	61-141	05/05/25	05/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: JM		Batch: 2519028
Chloride	7940	100	5	05/05/25	05/05/25	•



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/13/2025 10:13:29AM

FS20-4' E505031-05

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2519018
Benzene	ND	0.0250	1	05/05/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/07/25	
Toluene	ND	0.0250	1	05/05/25	05/07/25	
o-Xylene	ND	0.0250	1	05/05/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/07/25	
Surrogate: 4-Bromochlorobenzene-PID		106 %	70-130	05/05/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2519018
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		83.3 %	70-130	05/05/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2519027
Diesel Range Organics (C10-C28)	ND	25.0	1	05/05/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/25	05/06/25	
Surrogate: n-Nonane		98.7 %	61-141	05/05/25	05/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: JM		Batch: 2519028
Chloride	7530	100	5	05/05/25	05/05/25	·



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/13/2025 10:13:29AM

FS21-4' E505031-06

		E303031-00				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2519018
Benzene	ND	0.0250	1	05/05/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/07/25	
Toluene	ND	0.0250	1	05/05/25	05/07/25	
o-Xylene	ND	0.0250	1	05/05/25	05/07/25	
o,m-Xylene	ND	0.0500	1	05/05/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/07/25	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	05/05/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2519018
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		84.3 %	70-130	05/05/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2519027
Diesel Range Organics (C10-C28)	ND	25.0	1	05/05/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/25	05/06/25	
Surrogate: n-Nonane		98.9 %	61-141	05/05/25	05/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: JM		Batch: 2519028
Chloride	4960	40.0	2	05/05/25	05/05/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/13/2025 10:13:29AM

FS22-4'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2519018
Benzene	ND	0.0250	1	05/05/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/07/25	
Toluene	ND	0.0250	1	05/05/25	05/07/25	
o-Xylene	ND	0.0250	1	05/05/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/07/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	05/05/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2519018
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.1 %	70-130	05/05/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2519027
Diesel Range Organics (C10-C28)	ND	25.0	1	05/05/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/25	05/06/25	
Surrogate: n-Nonane		102 %	61-141	05/05/25	05/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: JM		Batch: 2519028
Chloride	6800	100	5	05/05/25	05/05/25	•



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/13/2025 10:13:29AM

FS26-4'

		E505031-08				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2519018
Benzene	ND	0.0250	1	05/05/25	05/07/25	
Ethylbenzene	0.0267	0.0250	1	05/05/25	05/07/25	
Toluene	ND	0.0250	1	05/05/25	05/07/25	
o-Xylene	ND	0.0250	1	05/05/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/07/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	05/05/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2519018
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.3 %	70-130	05/05/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2519027
Diesel Range Organics (C10-C28)	ND	25.0	1	05/05/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/25	05/06/25	
Surrogate: n-Nonane		106 %	61-141	05/05/25	05/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: JM		Batch: 2519028
Chloride	12200	200	10	05/05/25	05/05/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/13/2025 10:13:29AM

SW30-4' E505031-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: BA		Batch: 2519018
Benzene	ND	0.0250	1	05/05/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/07/25	
Toluene	ND	0.0250	1	05/05/25	05/07/25	
o-Xylene	ND	0.0250	1	05/05/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/07/25	
Surrogate: 4-Bromochlorobenzene-PID		106 %	70-130	05/05/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: BA		Batch: 2519018
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		78.3 %	70-130	05/05/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: NV		Batch: 2519027
Diesel Range Organics (C10-C28)	ND	25.0	1	05/05/25	05/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/25	05/07/25	
Surrogate: n-Nonane		136 %	61-141	05/05/25	05/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: JM		Batch: 2519028
Chloride	328	20.0	1	05/05/25	05/05/25	·



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/13/2025 10:13:29AM

FS32-4'

		E505031-10					
Reporting							
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: BA		Batch: 2519018	
Benzene	ND	0.0250	1	05/05/25	05/07/25		
Ethylbenzene	ND	0.0250	1	05/05/25	05/07/25		
Toluene	ND	0.0250	1	05/05/25	05/07/25		
o-Xylene	ND	0.0250	1	05/05/25	05/07/25		
p,m-Xylene	ND	0.0500	1	05/05/25	05/07/25		
Total Xylenes	ND	0.0250	1	05/05/25	05/07/25		
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	05/05/25	05/07/25		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: BA		Batch: 2519018	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/07/25		
Surrogate: 1-Chloro-4-fluorobenzene-FID		83.0 %	70-130	05/05/25	05/07/25		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: NV		Batch: 2519027	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/05/25	05/07/25		
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/25	05/07/25		
Surrogate: n-Nonane		119 %	61-141	05/05/25	05/07/25		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: JM		Batch: 2519028	
Chloride	11200	200	10	05/05/25	05/05/25		



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/13/2025 10:13:29AM

FS34-4'

		D				
Analyte	Result	Reporting Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: BA		Batch: 2519018
Benzene	ND	0.0250	1	05/05/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/07/25	
Toluene	ND	0.0250	1	05/05/25	05/07/25	
o-Xylene	ND	0.0250	1	05/05/25	05/07/25	
p,m-Xylene	0.0508	0.0500	1	05/05/25	05/07/25	
Total Xylenes	0.0508	0.0250	1	05/05/25	05/07/25	
Surrogate: 4-Bromochlorobenzene-PID		107 %	70-130	05/05/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: BA		Batch: 2519018
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		80.1 %	70-130	05/05/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: NV		Batch: 2519027
Diesel Range Organics (C10-C28)	ND	25.0	1	05/05/25	05/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/25	05/07/25	
Surrogate: n-Nonane		97.3 %	61-141	05/05/25	05/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: JM		Batch: 2519028
Chloride	6840	100	5	05/05/25	05/05/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/13/2025 10:13:29AM

FS35-4'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2519018
Benzene	ND	0.0250	1	05/05/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/07/25	
Toluene	ND	0.0250	1	05/05/25	05/07/25	
o-Xylene	ND	0.0250	1	05/05/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/07/25	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	05/05/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2519018
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		83.6 %	70-130	05/05/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2519027
Diesel Range Organics (C10-C28)	ND	25.0	1	05/05/25	05/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/25	05/07/25	
Surrogate: n-Nonane		98.1 %	61-141	05/05/25	05/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: JM		Batch: 2519028
Chloride	12500	200	10	05/05/25	05/05/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/13/2025 10:13:29AM

FS27-4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: BA		Batch: 2519018
Benzene	ND	0.0250	1	05/05/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/07/25	
Toluene	ND	0.0250	1	05/05/25	05/07/25	
o-Xylene	ND	0.0250	1	05/05/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/07/25	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	05/05/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2519018
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		80.7 %	70-130	05/05/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2519027
Diesel Range Organics (C10-C28)	ND	25.0	1	05/05/25	05/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/25	05/07/25	
Surrogate: n-Nonane		95.8 %	61-141	05/05/25	05/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: JM		Batch: 2519028
<u> </u>	8010	200	10	05/05/25	05/05/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/13/2025 10:13:29AM

FS62-4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: BA		Batch: 2519018
Benzene	ND	0.0250	1	05/05/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/07/25	
Toluene	ND	0.0250	1	05/05/25	05/07/25	
o-Xylene	ND	0.0250	1	05/05/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/07/25	
Surrogate: 4-Bromochlorobenzene-PID		99.5 %	70-130	05/05/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: BA		Batch: 2519018
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.2 %	70-130	05/05/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	Analyst: NV		Batch: 2519027
Diesel Range Organics (C10-C28)	ND	25.0	1	05/05/25	05/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/25	05/07/25	
Surrogate: n-Nonane		92.5 %	61-141	05/05/25	05/07/25	
1 . I DD 1 200 0/005(1	mg/kg	mg/kg	Analy	st: JM		Batch: 2519028
Anions by EPA 300.0/9056A	8 8	0 0				



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/13/2025 10:13:29AM

FS63-4'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2519018
Benzene	ND	0.0250	1	05/05/25	05/07/25	
Ethylbenzene	0.0609	0.0250	1	05/05/25	05/07/25	
Toluene	ND	0.0250	1	05/05/25	05/07/25	
o-Xylene	0.0752	0.0250	1	05/05/25	05/07/25	
p,m-Xylene	0.0766	0.0500	1	05/05/25	05/07/25	
Total Xylenes	0.152	0.0250	1	05/05/25	05/07/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	05/05/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	Analyst: BA		Batch: 2519018
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		81.0 %	70-130	05/05/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	Analyst: NV		Batch: 2519027
Diesel Range Organics (C10-C28)	ND	25.0	1	05/05/25	05/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/25	05/07/25	
Surrogate: n-Nonane		96.6 %	61-141	05/05/25	05/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: JM		Batch: 2519028
Amons by E1A 300.0/7030A						



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/13/2025 10:13:29AM

FS64-4'

Notes Batch: 2519018
Batch: 2519018
Batch: 2519018
Batch: 2519027
Batch: 2519028
-



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/13/2025 10:13:29AM

FS68-4'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2519018
Benzene	ND	0.0250	1	05/05/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/07/25	
Toluene	ND	0.0250	1	05/05/25	05/07/25	
o-Xylene	0.0456	0.0250	1	05/05/25	05/07/25	
p,m-Xylene	0.0763	0.0500	1	05/05/25	05/07/25	
Total Xylenes	0.122	0.0250	1	05/05/25	05/07/25	
Surrogate: 4-Bromochlorobenzene-PID		108 %	70-130	05/05/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2519018
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		80.6 %	70-130	05/05/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	Analyst: NV		Batch: 2519027
Diesel Range Organics (C10-C28)	ND	25.0	1	05/05/25	05/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/25	05/07/25	
Surrogate: n-Nonane		124 %	61-141	05/05/25	05/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: JM		Batch: 2519028
Chloride	3050	40.0	2	05/05/25	05/05/25	•



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/13/2025 10:13:29AM

FS69-4'

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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: BA		Batch: 2519018
Benzene	ND	0.0250	1	05/05/25	05/07/25	
Ethylbenzene	0.0343	0.0250	1	05/05/25	05/07/25	
Toluene	ND	0.0250	1	05/05/25	05/07/25	
o-Xylene	0.0257	0.0250	1	05/05/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/07/25	
Total Xylenes	0.0257	0.0250	1	05/05/25	05/07/25	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	05/05/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: BA		Batch: 2519018
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		83.0 %	70-130	05/05/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2519027
Diesel Range Organics (C10-C28)	ND	25.0	1	05/05/25	05/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/25	05/07/25	
Surrogate: n-Nonane		104 %	61-141	05/05/25	05/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: JM		Batch: 2519028
Chloride	1020	20.0	1	05/05/25	05/06/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/13/2025 10:13:29AM

FS71-4' E505031-19

		E505031-19				
Austra	Dl4	Reporting	Dil d	D	A	Notes
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2519018
Benzene	0.0437	0.0250	1	05/05/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/07/25	
Toluene	ND	0.0250	1	05/05/25	05/07/25	
o-Xylene	ND	0.0250	1	05/05/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/07/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	05/05/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2519018
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.4 %	70-130	05/05/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2519027
Diesel Range Organics (C10-C28)	ND	25.0	1	05/05/25	05/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/25	05/07/25	
Surrogate: n-Nonane		97.4 %	61-141	05/05/25	05/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: JM		Batch: 2519028
Chloride	5610	100	5	05/05/25	05/06/25	·



QC Summary Data

TGR Pipeline Spill Devon Energy - Carlsbad Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-007 Artesia NM, 88210 Project Manager: Ashley Giovengo 5/13/2025 10:13:29AM **Volatile Organics by EPA 8021B** Analyst: BA Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2519018-BLK1) Prepared: 05/05/25 Analyzed: 05/07/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 8.28 8.00 103 70-130 LCS (2519018-BS1) Prepared: 05/05/25 Analyzed: 05/07/25 5.13 103 70-130 5.00 Benzene 0.0250 Ethylbenzene 5.15 0.0250 5.00 103 70-130 5.11 0.0250 5.00 102 70-130 Toluene 102 o-Xylene 5.11 0.0250 5.00 70-130 9.98 10.0 99.8 70-130 0.0500 p.m-Xvlene 101 70-130 15.1 15.0 Total Xylenes 0.0250 8.00 108 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.67 Matrix Spike (2519018-MS1) Source: E505031-03 Prepared: 05/05/25 Analyzed: 05/07/25 5.20 0.0250 5.00 ND 70-130 Benzene ND 104 70-130 Ethylbenzene 5.21 0.0250 5.00 Toluene 5.17 0.0250 5.00 ND 103 70-130 5.17 ND 103 70-130 5.00 0.0250 o-Xylene p,m-Xylene 10.1 0.0500 10.0 ND 101 70-130 0.0250 15.0 ND 70-130 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.41 8.00 Matrix Spike Dup (2519018-MSD1) Source: E505031-03 Prepared: 05/05/25 Analyzed: 05/07/25 4.80 0.0250 5.00 ND 95.9 70-130 8.15 27 70-130 4.81 0.0250 5.00 ND 96.2 7.94 26 Ethylbenzene Toluene 4 78 0.0250 5.00 ND 95.7 70-130 7.67 20 4.76 5.00 ND 95.2 70-130 8.24 25 o-Xylene 0.0250 23 9.35 10.0 ND 93.5 70-130 7.99 p,m-Xylene 0.0500



14.1

8.27

0.0250

15.0

8.00

ND

94.1

103

70-130

70-130

8.07

26

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

QC Summary Data

Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	Reported:
6488 7 Rivers Hwy	Project Number:	01058-007	•
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/13/2025 10:13:29AM

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go			5/13	3/2025 10:13:29AN	
	Nonhalogenated Organics by EPA 8015D - GRO								Analyst: BA	
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes	
Blank (2519018-BLK1)							Prepared: 0:	5/05/25 Anal	yzed: 05/07/25	
Gasoline Range Organics (C6-C10)	ND	20.0								
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.17		8.00		77.1	70-130				
LCS (2519018-BS2)							Prepared: 0:	5/05/25 Anal	yzed: 05/07/25	
Gasoline Range Organics (C6-C10)	49.7	20.0	50.0		99.4	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.81		8.00		85.1	70-130				
Matrix Spike (2519018-MS2)				Source:	E505031-	03	Prepared: 0:	5/05/25 Anal	yzed: 05/07/25	
Gasoline Range Organics (C6-C10)	49.8	20.0	50.0	ND	99.5	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.56		8.00		82.0	70-130				
Matrix Spike Dup (2519018-MSD2)				Source:	E505031-	03	Prepared: 0:	5/05/25 Anal	yzed: 05/07/25	
Gasoline Range Organics (C6-C10)	49.5	20.0	50.0	ND	99.0	70-130	0.550	20		
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.57		8.00		82.1	70-130				

QC Summary Data

Devon Energy - Carlsbad	Project Name: Project Number:	TGR Pipeline Spill	Reported:
6488 7 Rivers Hwy Artesia NM, 88210	Project Number: Project Manager:	Ashley Giovengo	5/13/2025 10:13:29AM

	Project Manager	r: As	shley Gioveng	go				5/13/2025 10:13:29A
Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: NV
Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
						Prepared: 0	5/05/25 A	nalyzed: 05/06/25
ND	25.0							
ND	50.0							
48.6		50.0		97.2	61-141			
						Prepared: 0	5/05/25 A	nalyzed: 05/06/25
260	25.0	250		104	66-144			
47.1		50.0		94.3	61-141			
			Source:	E505031-	05	Prepared: 0	5/05/25 A	nalyzed: 05/06/25
271	25.0	250	ND	108	56-156			
49.8		50.0		99.7	61-141			
			Source:	E505031-	05	Prepared: 0	5/05/25 A	nalyzed: 05/06/25
268	25.0	250	ND	107	56-156	1.12	20	
	Result mg/kg ND ND 48.6 260 47.1	Nonhalogenated Organization Reporting Limit mg/kg mg/kg	Nonhalogenated Organics by	Nonhalogenated Organics by EPA 80151 Result	Nonhalogenated Organics by EPA 8015D - DRO	Nonhalogenated Organics by EPA 8015D - DRO/ORO Result Limit Level Result Rec Limits mg/kg mg/kg mg/kg mg/kg mg/kg % % % % % % % % %	Nonhalogenated Organics by EPA 8015D - DRO/ORO Result Reporting Limit Level Result Rec Limits RPD mg/kg mg/kg mg/kg mg/kg % % % % % % % % %	Nonhalogenated Organics by EPA 8015D - DRO/ORO Reporting Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg % % % % % % % % % % % % % % % % % %



QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		GR Pipeline S	pill				Reported:
Artesia NM, 88210		Project Manager		shley Gioveng	go				5/13/2025 10:13:29AM
		Anions	by EPA 3	300.0/9056 <i>A</i>	4				Analyst: JM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2519028-BLK1)							Prepared: 0	5/05/25 A	Analyzed: 05/05/25
Chloride	ND	20.0							
LCS (2519028-BS1)							Prepared: 0	5/05/25 A	Analyzed: 05/05/25
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2519028-MS1)				Source:	E505031-0	01	Prepared: 0	5/05/25	Analyzed: 05/05/25
Chloride	2050	20.0	250	1430	246	80-120			
Matrix Spike Dup (2519028-MSD1)				Source:	E505031-0	01	Prepared: 0	5/05/25	Analyzed: 05/05/25
Chloride	1850	20.0	250	1430	166	80-120	10.2	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:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	05/13/25 10:13

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



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						oice Information					Lab	-00	-1-100	,				TA		7	Stat	
lient: Devon				Comp	oany: Dev	on Energy		L	ab W	/O#			Job N				LD	2D	3D Std	NM	CO UT	TX
roject: TGR Pipeline	Spill			Addr	ess: 5315	Buena Vista Dr		E	E50	250	131		2010	9.1	000	1			x	x		
roject Manager: Ash	nley Giov	engo		City,	State, Zip:	Carlsbad NM, 883	220															
ddress: 3122 Nation	nal Parks	Hwy		Phone	e: (575)68	9-7597							Anal	ysis	and I	Meth	od			EF	A Progr	am
ity, State, Zip: Carlsl	bad NM,	88220		Email	l: jim.rale	@dvn.com				-1							T			SDWA	CWA	RCR
hone: 575-988-0055	5			Miscel	laneous: J	im Raley																
mail: agiovengo@er	nsolum.c	om								8015	8015			0		9				Complian PWSID #	ce Y	or
			Sample Info	ormation						RO by	RO by	y 8021	8260	e 300.	XT - 500	Meta		NN-	ř.	elle dr		
Time Date Sampled	Matrix	No. of Containers		Sa	imple ID		Field		ber	DRO/ORO	GRO/DRO by 8015	BTEX by 8021	VOC by 8	Chloride 300.0	TCEQ 1005	RCRA 8 Metals		BGDOC - NM	BGDOC - TX	Samle Temp	Re	marks
5/1/2025	Soil	1		FS	11-4	1		1										x		2.8		
5/1/2025	Soil	1		1	12 1			2										x		2.5		
5/1/2025	Soil	1			13			3						1				х		3.6		
5/1/2025	Soil	1			19		1	4		+	+	+	Ħ			+	1	х		3.2		
5/1/2025	Soil	1			20		+	2		+	+		1			+	1	х		3.0		
5/1/2025	Soil	1		-		/	+	7		-						+	-	х		1.8		
5/1/2025	Light A	-		-	21		+	6	+	+	+	-	-	\dashv	-	+	+			_		-
5/1/2025	Soil	1			22		+	7	-	-	+	-			-	+	-	Х		Z.0		
1009	Soil	1			26		-	8		4						4		Х		2.9		
207 5/1/2025	Soil	1			30			9										Х		32		
1007 5/1/2025	Soil	1		1	32	V		10										x		34	/	
Additional Instruction moir@ensolum.con (field sampler), attest to the	n	-				@ensolum.com, jii				1100	79.71									- Lawrence		
ampled by: Svar	Est	rella				_																
relinquished by: (Signatur	+		5/2/25		211	Received by: (Signat	G	ones	ale	C	S-c	2.	25			71	1		pre	Samples re servation r	nust be r	eceived
elinguished by: (Signatur	Jong	rles	5-2-25	Time	145	Received by: (Signat	ure) *	2				2	.25		Time	17	45			the day the eived pack		A A A A A A A A A A A A A A A A A A A
elingvished by: (Signatur	e)		5 . 2 . 25	Time	345	Received by: (Signat	ure)	mo	en		oate 55	- (25		Time	15			á	bove 0 bu subse	t less tha quent da	Total Carles
elinquished by: (Signatur	e)		Date	Time	-	Received by: (Signat	ure)			0	Date				Time						Use Onl	
elinquished by: (Signatur	e)		Date	Time		Received by: (Signat	ture)			C	Date	-		+	Time		_				ved on i	ce:

samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

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La serie	Clie	nt Inforn	nation		Invoi	ce Information				La	b Us	e On	ly				TA	AT.			Stat	e
Client: D	Devon				Company: Devo	on Energy		Lab	WQ#	#			Numb			1D	2D	3D Sto	ī	NM	CO UT	TX
	TGR Pipeline				Address: 5315 I	Buena Vista Dr		_ 15	703	703	1	00	584	200	1			x		X		
Project N	Manager: As	hley Giov	engo		City, State, Zip:	Carlsbad NM, 8822	20															
Address:	3122 Natio	nal Parks	Hwy		Phone: (575)689	9-7597			4			Ana	lysis	and N	Vieth	hod				EP	A Progr	am
City, Stat	e, Zip: Carls	bad NM,	88220		Email: jim.raley	@dvn.com													SD	AWC	CWA	RCRA
Phone: !	575-988-005	5			Miscellaneous: Jir	m Raley															15.7	
Email: a	giovengo@e	nsolum.c	om			- 19-7			15	15										npliand	ce Y	or N
									by 8015	by 8015	п		0.0	×	als				PW	/SID#		
				Sample Infor	mation					30 b	805	826	e 30	05-1	Met		N	*	<u>a</u>	0		
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID		Field	Lab Number	DRO/ORO	GRO/DRO	BTEX by 802.	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX	Sam	Temp	Rei	marks
1006	5/1/2025	Soil	1		F534-4	1		11									х		4	:3		
1005	5/1/2025	Soil	1		1 35 1			17									х		4	0		
1008	5/1/2025	Soil	1		37			13									х		3	8.		
1004	5/1/2025	Soil	1		62			14									х		3.	0		
1007	5/1/2025	Soil	1		63			15									x		3	4		
1003	5/1/2025	Soil	1		64		1	0									x	ΠL	1	8		
1006	5/1/2025	Soil	1		I-45			17									х		2.			
1002	5/1/2025	Soil	1		68			18									x		2			
1005	5/1/2025	Soil	1		69			19									х		2.	0		
1004	5/1/2025	Soil	1		V71 5	/		20									x		2.	4		
Addition	nal Instruction	ons: Ple	ease CC: c	burton@ensolum	.com, agiovengo@	ensolum.com, jim	.raley	@dvn.c	om,	iestre	ella@	ens	olum	.com,	, cha	milto	on@	ensolur	n.cor	m,		
	ensolum.co																					
I, (field sam Sampled by	pler), attest to the	e validity an	dauthenticity	of this sample. I am awa	are that tampering with o	r intentionally mislabeling		ole locatio	n, date	or time	e of co	llectio	n is con	sidered	fraud	d and m	nay be	e grounds f	or legal	action.		
Relinquish	ed by: (Signatu	re)		5/2/25	7:11	Received by: (Signatu	Go.	nent	les	S-	2	15		Time	571	11		pre			equiring t	hermal eceived or
Relinguish	ed by: (Signatu	Gon	reles	5: 2-25	1745	Received by: (Signatu	re)			Date 5	1	7	.5	Time	17	4	5					ampled or at a temp
Relinquish	ed by: (Signatu	re)		5 - 2 - 15	7345	Received by: (Signatu	re)	noc		Date	55	ZS:	5	Time	14	5		1			t less that quent da	
Relinquish	ed by: (Signatu	re)		Date	Time	Received by: (Signatu	re)			Date	-			Time	-		= 7				Use Onl	
Relinquish	ed by: (Signatu	re)		Date	Time	Received by: (Signatu	re)			Date				Time							ved on i	ce:
Sample Man	trix: S - Soil, Sd - S	olid Sa Ch	dae A - Agus	ous O - Other			Conta	iner Typ	6. a -	place	n - 1	noly/r	lastic	ag -	amh	er gla	SS 1/	- VOA				
					other arrangements as	e made. Hazardous sar													for th	ne anal	vsis of the	above
						bility of the laboratory										- Par	-0-3		120,10		· Sandy area	

Printed: 5/5/2025 9:30:58AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

	D F C.11.1					
Client:	Devon Energy - Carlsbad	Date Received:	05/05/25 07		Work Order ID:	E505031
Phone:	(505) 382-1211	Date Logged In:	05/02/25 16		Logged In By:	Noe Soto
Email:	agiovengo@ensolum.com	Due Date:	05/09/25 17	7:00 (4 day TAT)		
Chain of	Custody (COC)					
			V			
	ne sample ID match the COC? The number of samples per sampling site location ma	tch the COC	Yes			
	amples dropped off by client or carrier?	ien ine eoe	Yes Yes	a		
	e COC complete, i.e., signatures, dates/times, reques	eted analyses?	Yes	Carrier: <u>C</u>	<u>ourier</u>	
	Il samples received within holding time?	sted anaryses:	Yes			
3. Were as	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssit.		103		<u>Comme</u>	nts/Resolution
	urn Around Time (TAT)				Project TGR Pipeline	Snill has been
	COC indicate standard TAT, or Expedited TAT?		Yes		•	-
Sample C			***		separated into 2 report	s, wOs are
	ample cooler received?		Yes		E505031-E505032	
	was cooler received in good condition?		Yes			
	e sample(s) received intact, i.e., not broken?		Yes			
	custody/security seals present?		No			
11. If yes,	were custody/security seals intact?		NA			
	e sample received on ice? Note: Thermal preservation is not required, if samples ar 15 minutes of sampling OC for individual sample temps. Samples outside o		Yes	comments		
	1 1 1	10 C-0 C WIII DC	recorded in	comments.		
Sample C	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	trip blank (TB) included for VOC analyses?		NA			
	on-VOC samples collected in the correct containers'	7	Yes			
	appropriate volume/weight or number of sample contain		Yes			
Field Lab	· · ·	iois conceica.	105			
_	field sample labels filled out with the minimum info	ormation:				
	ample ID?		Yes			
	ate/Time Collected?		Yes	ı		
C	ollectors name?		Yes			
	reservation					
	the COC or field labels indicate the samples were pr	reserved?	No			
	ample(s) correctly preserved?	. 1.0	NA			
	filtration required and/or requested for dissolved me	etais?	No			
	se Sample Matrix					
	the sample have more than one phase, i.e., multipha		No			
27. If yes,	does the COC specify which phase(s) is to be analy	zed?	NA			
Subcontr	act Laboratory					
28. Are sa	imples required to get sent to a subcontract laborato	ry?	No			
29. Was a	subcontract laboratory specified by the client and it	f so who?	NA S	Subcontract Lab	: NA	
Client In	struction					
						(3)

Date

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

Received by OCD: 6/6/2025 10:23:21 AM

Chain of Custody

Page of 4

	Clie	nt Inforn	nation		Inve	oice Information					La	b Us	e Onl	у				T	AT			State		1
Client: D	Devon				Company: Dev	von Energy		1	ab \	NO#			Job N	lum	ber		1D	2D	3D	Std	NM	co uT	TX	1
Project:	TGR Pipeline	e Spill			Address: 5315	Buena Vista Dr			E5	05	03	1	0105			7				x	х			1
Project N	Manager: As	hley Giov	rengo		City, State, Zip:	Carlsbad NM, 882	20						,,,,,											1
	3122 Natio				Phone: (575)68	39-7597			I				Anal	ysis	and	Met	hod				E	A Program	1	1
City, Stat	e, Zip: Carls	bad NM,	88220		Email: jim.rale	v@dvn.com															SDWA		RCRA	
	575-988-005				Miscellaneous: J		7									100								1
Email: a	giovengo@e	nsolum.c	om							45	so.										Complian	ce Y	or N	1
							100			8015	8015			0		52					PWSID#			
				Sample Infor	mation					yd C	yd C	8021	260	300	CT-5	Aeta		N	×					
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID	Mark and	Field	Lat Numi	b ber	DRO/ORO	GRO/DRO by	втех by	VOC by 8260	Chloride 300.0	TCEQ 1005 -	RCRA 8 Metals		BGDOC - NM	BGDOC-1		Samle Temp	Rema	rks	
1013	5/1/2025	Soil	1		FS11-4	1		1										x			2.8	Corre	deal	
1012	5/1/2025	Soil	1		1121			2										x			2.5	Sany	de	
1010	5/1/2025	Soil	1		13			3										x			3.6	nam	eo	
1012	5/1/2025	Soil	1		19			4										x			3.2	Per	che	d
1008	5/1/2025	Soil	1		20			5										x			3.0	5/13k	5 Q	al
1011	5/1/2025	Soil	1		121			6										х			1.8			
1010	5/1/2025	Soil	1		22			7										x			2.0			
1009	5/1/2025	Soil	1		26			8										х			29			
1207	5/1/2025	Soil	1		W 30-	4'		9										x			37			
1007	5/1/2025	Soil	1		√ 32	1		10										x			3.4			
Addition	al Instructio	ns: Ple	ase CC: c	burton@ensolum	.com, agiovengo	@ensolum.com, jim	.rale	y@dv	n.co	m, i	estre	lla@	enso	lum	.com	, cha	milt	on@	enso	olum	.com,	1		
	ensolum.cor																					-		
I, (field samp	oler), attest to the	e validity and	authenticity	of this sample. I am awa	are that tampering with	or intentionally mislabeling	the sa	mple loca	ation,	date o	or time	of co	lection	is cor	sidere	d fraud	d and n	nay be	e grour	nds for	legal action.			
	15var		rella																					
Relinquishe	ed by: (Signatur	The state of the s		Date 10 10 -	Time	Received by: (Signatu	200		A		Date	1	10		Time	7	1		773	5	Samples re	equiring the	mal	
~	116		0	5/2/25	7211	Vighelle		ongo	rie		2	d-	47			נרי	4			- Carrier		nust be rece		4
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	d by; (Signatur	0		Date	1/93	J4.000	•					. 60				1/	45)				ed on ice at		
Remidusine	taignatur	e)			20.10	Received by: (Signatu	re)	mi			Date 55	_	25		11me	16	-			al		less than 6	Con	
A.	M.	-		5.2.25	6545	cell	/	vu) , !	(1)		1	7)						quent days.		
Kelinquishe	d by: (Signatur	e)		Date	Time	Received by: (Signatu	re)				Date				Time							Use Only		4
Relinquishe	d by: (Signatur	e)		Date	Time	Received by: (Signatu	re)		-		Date				Time							ved on ice: Y) N		
Sample Matr	ix: 5 - Soil, Sd - So	olid, Sg - Slud	ge, A - Aque	ous, O - Other			Con	tainer T	Type	g - p	lass.	p - p	oly/pl	astic	ag -	ambe	er gla	SS. V	- VO	1				+
					other arrangements a	re made. Hazardous san	nples	will be r	eturr	ned to	clien	t or d	ispose	d of a	at the	client	exper	nse. T	The re	port f	or the anal	sis of the ab	ove	
samples is a	applicable only	to those sa	mples rece	ived by the laboratory	with this COC. The lia	bility of the laboratory i	s limit	ted to th	ne an	ount	naid !	for or	the re	nort	vern de la constante de la con	Service of the least		1353	and the	-				

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	Clie	nt Inform	nation		Invo	ice Information				La	b Us	e On	v	-	T	T	AT			State	
Client: D	Devon				Company: Deve	on Energy		Lah	WQ#	Laborator Maria	Company of the	Job I		er	10	20	3D	Std	NM	CO UT	
Project:	TGR Pipeline	2 Spill			Address: 5315			F	735	03	1	NOS	77	2007	10	20	30	X	X	CO 01	IA
Project N	Aanager: As	hley Giov	engo			Carlsbad NM, 8822	20	1	2	-	_	0	0		-						
Address:	3122 Natio	nal Parks	Hwv		Phone: (575)689	The state of the s						Ana	vsis :	nd M	ethod	7			FP	A Progra	m
	e, Zip: Carls				Email: jim.raley							1	7515		T				SDWA	CWA	RCRA
The second secon	575-988-005				Miscellaneous: Jir		-											1	SDOWN	CVVA	NCMA
A CONTRACTOR OF THE PARTY OF TH	giovengo@e		om		iviiscellaneous. sii	in Maley											1	1	Compliano	e Y	or N
	No.							1	801	8015			0			- 1		1	PWSID#		01 14
				Sample Info	ormation				O by	O by	8021	3260	300.0	S-TX		NM	×		The state of the s		
Time Sampled	Date Sampled	Matrix	No, of Containers		Sample ID		0 +1	ab mber	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride	TCEQ 1005 - TX		BGDOC - 1	BGDOC - 1		Samle Temp	Rem	arks
1006	5/1/2025	Soil	1		F534-4	1	1	1								x			4.3		
1005	5/1/2025	Soil	1		1 35 1		13	7								x			4.0		
1008	5/1/2025	Soil	1		37 5	527-4'	1	3								х			3.8		
1004	5/1/2025	Soil	1		62		1	4								x			3.6		
1007	5/1/2025	Soil	1	- LI-	43		14	5								х			34		
1003	5/1/2025	Soil	1		64		10	0								x			2.8		
1006	5/1/2025	Soil	1		平安		1	7								x		-	2.5		
1002	5/1/2025	Soil	1		68		1	8								x		2	22		
1005	5/1/2025	Soil	1		69		1	9								x			2.0		
1004	5/1/2025	Soil	1		171		2									x			2.4		
Addition	al Instructio	ns: Ple	ase CC: c	burton@ensolu	m.com, agiovengo@	ensolum.com, jim.	raley@c	lvn.co	om, i	estre	lla@	enso	lum.	om, c	hamil	ton@	enso	lum.	.com,	-	
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samples is a	pplicable only	to those sai	mples recei	ived by the laborato	ry with this COC. The liab	ility of the laboratory is	limited to	the an	nount	paid f	for on	the re	port.	1		Mark Co. 10	The same of				1000

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





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Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: TGR Pipeline Spill

Work Order: E505032

Job Number: 01058-007

Received: 5/5/2025

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 5/13/25

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

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

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

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

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

Date Reported: 5/13/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: TGR Pipeline Spill

Workorder: E505032

Date Received: 5/5/2025 7:45:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/5/2025 7:45:00AM, under the Project Name: TGR Pipeline Spill.

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

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

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

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

Respectfully,

Walter Hinchman

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Sample Summary

Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	Donoutoda
6488 7 Rivers Hwy	Project Number:	01058-007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	05/13/25 10:08

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS72-4'	E505032-01A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
SW12-0-4'	E505032-02A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
SW13-0-4'	E505032-03A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
SW17-0-4'	E505032-04A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
SW18-0-4'	E505032-05A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
SW19-0-4'	E505032-06A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
SW27-0-4'	E505032-07A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
SW28-0-4'	E505032-08A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
SW29-0-4'	E505032-09A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
FS30-0-4'	E505032-10A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
SW31-0-4'	E505032-11A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
SW32-0-4'	E505032-12A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
SW07-0-4'	E505032-13A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.

Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/13/2025 10:08:55AM

FS72-4' E505032-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2519019
Benzene	ND	0.0250	1	05/05/25	05/06/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/06/25	
Toluene	ND	0.0250	1	05/05/25	05/06/25	
o-Xylene	ND	0.0250	1	05/05/25	05/06/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/06/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/06/25	
Surrogate: 4-Bromochlorobenzene-PID		98.8 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	Analyst: SL		Batch: 2519019
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/06/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		104 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2519042
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/06/25	
Surrogate: n-Nonane		93.8 %	61-141	05/06/25	05/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2519030
Chloride	1820	20.0	1	05/05/25	05/06/25	

Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/13/2025 10:08:55AM

SW12-0-4'

		E505032-02				
		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: SL		Batch: 2519019
Benzene	ND	0.0250	1	05/05/25	05/06/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/06/25	
Toluene	ND	0.0250	1	05/05/25	05/06/25	
o-Xylene	ND	0.0250	1	05/05/25	05/06/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/06/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/06/25	
Surrogate: 4-Bromochlorobenzene-PID		98.9 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: SL		Batch: 2519019
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/06/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		103 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: NV		Batch: 2519042
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/06/25	
Surrogate: n-Nonane		94.9 %	61-141	05/06/25	05/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: IY		Batch: 2519030
Chloride	46.3	20.0	1	05/05/25	05/06/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/13/2025 10:08:55AM

SW13-0-4'

		E505032-03				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2519019
Benzene	ND	0.0250	1	05/05/25	05/06/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/06/25	
Toluene	ND	0.0250	1	05/05/25	05/06/25	
o-Xylene	ND	0.0250	1	05/05/25	05/06/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/06/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/06/25	
Surrogate: 4-Bromochlorobenzene-PID		98.4 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2519019
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/06/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		103 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2519042
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/07/25	
Surrogate: n-Nonane		97.7 %	61-141	05/06/25	05/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: IY		Batch: 2519030
Chloride	98.7	20.0	1	05/05/25	05/06/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/13/2025 10:08:55AM

SW17-0-4'

		E505032-04				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2519019
Benzene	ND	0.0250	1	05/05/25	05/06/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/06/25	
Toluene	ND	0.0250	1	05/05/25	05/06/25	
o-Xylene	ND	0.0250	1	05/05/25	05/06/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/06/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/06/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2519019
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/06/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		101 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: NV		Batch: 2519042
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/06/25	
Surrogate: n-Nonane		96.7 %	61-141	05/06/25	05/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2519030
Chloride	ND	20.0	1	05/05/25	05/06/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/13/2025 10:08:55AM

SW18-0-4'

		E505032-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2519019
Benzene	ND	0.0250	1	05/05/25	05/06/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/06/25	
Toluene	ND	0.0250	1	05/05/25	05/06/25	
o-Xylene	ND	0.0250	1	05/05/25	05/06/25	
o,m-Xylene	ND	0.0500	1	05/05/25	05/06/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/06/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: SL		Batch: 2519019
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/06/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		101 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2519042
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/07/25	
Surrogate: n-Nonane		96.7 %	61-141	05/06/25	05/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2519030
Chloride	27.8	20.0	1	05/05/25	05/06/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/13/2025 10:08:55AM

SW19-0-4'

		E505032-06				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: SL		Batch: 2519019
Benzene	ND	0.0250	1	05/05/25	05/06/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/06/25	
Toluene	ND	0.0250	1	05/05/25	05/06/25	
o-Xylene	ND	0.0250	1	05/05/25	05/06/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/06/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/06/25	
Surrogate: 4-Bromochlorobenzene-PID		95.2 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: SL		Batch: 2519019
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/06/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: NV		Batch: 2519042
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/07/25	
Surrogate: n-Nonane		98.0 %	61-141	05/06/25	05/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ai	nalyst: IY		Batch: 2519030
Chloride	62.7	20.0	1	05/05/25	05/06/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/13/2025 10:08:55AM

SW27-0-4' E505032-07

		E303032-07				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Analyte	Kesuit	Lillit	Dilution	Frepared	Allalyzed	rvotes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2519019
Benzene	ND	0.0250	1	05/05/25	05/06/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/06/25	
Toluene	ND	0.0250	1	05/05/25	05/06/25	
o-Xylene	ND	0.0250	1	05/05/25	05/06/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/06/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/06/25	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	/st: SL		Batch: 2519019
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/06/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		102 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: NV		Batch: 2519042
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/07/25	
Surrogate: n-Nonane		96.6 %	61-141	05/06/25	05/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2519030
Chloride	98.8	20.0	1	05/05/25	05/06/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/13/2025 10:08:55AM

SW28-0-4'

		E505032-08				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2519019
Benzene	ND	0.0250	1	05/05/25	05/06/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/06/25	
Toluene	ND	0.0250	1	05/05/25	05/06/25	
o-Xylene	ND	0.0250	1	05/05/25	05/06/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/06/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/06/25	
Surrogate: 4-Bromochlorobenzene-PID		99.9 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2519019
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/06/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		103 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2519042
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/07/25	
Surrogate: n-Nonane		100 %	61-141	05/06/25	05/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2519030
Chloride	ND	20.0	1	05/05/25	05/06/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/13/2025 10:08:55AM

SW29-0-4'

		E505032-09				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2519019
Benzene	ND	0.0250	1	05/05/25	05/06/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/06/25	
Toluene	ND	0.0250	1	05/05/25	05/06/25	
o-Xylene	ND	0.0250	1	05/05/25	05/06/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/06/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/06/25	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2519019
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/06/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.1 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2519042
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/07/25	
Surrogate: n-Nonane		95.2 %	61-141	05/06/25	05/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: IY		Batch: 2519030
Chloride	ND	20.0	1	05/05/25	05/06/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/13/2025 10:08:55AM

FS30-0-4' E505032-10

	E303052 10				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	Analyst: SL		Batch: 2519019
ND	0.0250	1	05/05/25	05/06/25	
ND	0.0250	1	05/05/25	05/06/25	
ND	0.0250	1	05/05/25	05/06/25	
ND	0.0250	1	05/05/25	05/06/25	
ND	0.0500	1	05/05/25	05/06/25	
ND	0.0250	1	05/05/25	05/06/25	
	102 %	70-130	05/05/25	05/06/25	
mg/kg	mg/kg	Anal	yst: SL		Batch: 2519019
ND	20.0	1	05/05/25	05/06/25	
	100 %	70-130	05/05/25	05/06/25	
mg/kg	mg/kg	Anal	yst: NV		Batch: 2519042
ND	25.0	1	05/06/25	05/07/25	
ND	50.0	1	05/06/25	05/07/25	
	99.4 %	61-141	05/06/25	05/07/25	
mg/kg	mg/kg	Anal	yst: IY		Batch: 2519030
4820	40.0	2	05/05/25	05/06/25	
	mg/kg ND Mg/kg ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 IO2 % mg/kg mg/kg mg/kg ND 20.0 IO0 % mg/kg ND 25.0 ND 50.0 99.4 % mg/kg mg/kg mg/kg	mg/kg mg/kg Anal ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 IO2 % 70-130 mg/kg mg/kg Anal ND 20.0 1 IO0 % 70-130 1 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 99.4 % 61-141 mg/kg mg/kg Anal	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 05/05/25 ND 0.0250 1 05/05/25 ND 0.0250 1 05/05/25 ND 0.0250 1 05/05/25 ND 0.0500 1 05/05/25 ND 0.0250 1 05/05/25 mg/kg 70-130 05/05/25 mg/kg mg/kg Analyst: SL ND 20.0 1 05/05/25 mg/kg mg/kg Analyst: NV ND 25.0 1 05/06/25 ND 50.0 1 05/06/25 ND 50.0 1 05/06/25 ND 50.0 1 05/06/25 mg/kg mg/kg Analyst: NV	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 05/05/25 05/06/25 ND 0.0500 1 05/05/25 05/06/25 ND 0.0250 1 05/05/25 05/06/25 ND 0.0250 1 05/05/25 05/06/25 mg/kg mg/kg Analyst: SL ND 20.0 1 05/05/25 05/06/25 mg/kg mg/kg Analyst: SL ND 20.0 1 05/05/25 05/06/25 mg/kg mg/kg Analyst: NV ND 25.0 1 05/06/25 05/07/25 ND 50.0 1 05/06/25 05/07/25 ND 50.0



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/13/2025 10:08:55AM

SW31-0-4'

		E505032-11				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2519019
Benzene	ND	0.0250	1	05/05/25	05/06/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/06/25	
Toluene	ND	0.0250	1	05/05/25	05/06/25	
o-Xylene	ND	0.0250	1	05/05/25	05/06/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/06/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/06/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2519019
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/06/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.2 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2519042
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/07/25	
Surrogate: n-Nonane		98.1 %	61-141	05/06/25	05/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2519030
Chloride	151	20.0	1	05/05/25	05/06/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/13/2025 10:08:55AM

SW32-0-4'

		E505032-12				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2519019
Benzene	ND	0.0250	1	05/05/25	05/06/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/06/25	
Toluene	ND	0.0250	1	05/05/25	05/06/25	
o-Xylene	ND	0.0250	1	05/05/25	05/06/25	
o,m-Xylene	ND	0.0500	1	05/05/25	05/06/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/06/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2519019
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/06/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		104 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2519042
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/07/25	
Surrogate: n-Nonane		97.0 %	61-141	05/06/25	05/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2519030
Chloride	59.4	20.0	1	05/05/25	05/06/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/13/2025 10:08:55AM

SW07-0-4'

		E505032-13				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2519019
Benzene	ND	0.0250	1	05/05/25	05/06/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/06/25	
Toluene	ND	0.0250	1	05/05/25	05/06/25	
o-Xylene	ND	0.0250	1	05/05/25	05/06/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/06/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/06/25	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2519019
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/06/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.2 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2519042
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/07/25	
Surrogate: n-Nonane		94.4 %	61-141	05/06/25	05/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: IY		Batch: 2519030
Chloride	22.8	20.0	1	05/05/25	05/06/25	



QC Summary Data

TGR Pipeline Spill Devon Energy - Carlsbad Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-007 Artesia NM, 88210 Project Manager: Ashley Giovengo 5/13/2025 10:08:55AM **Volatile Organics by EPA 8021B** Analyst: SL Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2519019-BLK1) Prepared: 05/05/25 Analyzed: 05/06/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.46 8.00 93.2 70-130 LCS (2519019-BS1) Prepared: 05/05/25 Analyzed: 05/06/25 3.87 77.5 70-130 5.00 Benzene 0.0250 Ethylbenzene 3.86 0.0250 5.00 77.2 70-130 3.89 0.0250 5.00 77.8 70-130 Toluene 77.3 o-Xylene 3.86 0.0250 5.00 70-130 7.74 10.0 77.4 70-130 0.0500 p.m-Xvlene 77.4 11.6 15.0 70-130 Total Xylenes 0.0250 8.00 99.6 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.97 Matrix Spike (2519019-MS1) Source: E505032-04 Prepared: 05/05/25 Analyzed: 05/06/25 3.99 0.0250 5.00 ND 70-130 Benzene 3.92 ND 70-130 Ethylbenzene 0.0250 5.00 78.4 Toluene 3.98 0.0250 5.00 ND 79.7 70-130 ND 79.3 70-130 3.96 5.00 0.0250 o-Xylene p,m-Xylene 7.85 0.0500 10.0 ND 78.5 70-130 11.8 0.0250 15.0 ND 70-130 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.94 8.00 Matrix Spike Dup (2519019-MSD1) Source: E505032-04 Prepared: 05/05/25 Analyzed: 05/06/25 4.42 0.0250 5.00 ND 88.3 70-130 10.1 27 70-130 4.39 0.0250 5.00 ND 87.9 11.4 26 Ethylbenzene Toluene 4 44 0.0250 5.00 ND 88.7 70-130 10.7 20 4.41 5.00 ND 88.1 70-130 10.6 25 o-Xylene 0.0250 23 8.80 10.0 ND 88.0 70-130 11.5 p,m-Xylene 0.0500



13.2

7.91

0.0250

15.0

8.00

ND

88.1

98.9

70-130

70-130

11.2

26

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	Reported:
6488 7 Rivers Hwy	Project Number:	01058-007	•
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/13/2025 10:08:55AM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go			5/1	3/2025 10:08:55AM
	Nor	halogenated	Organics	by EPA 80	15D - G	RO			Analyst: SL
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2519019-BLK1)							Prepared: 0	5/05/25 Anal	yzed: 05/06/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.26		8.00		103	70-130			
LCS (2519019-BS2)							Prepared: 0	5/05/25 Anal	yzed: 05/06/25
Gasoline Range Organics (C6-C10)	52.6	20.0	50.0		105	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.51		8.00		106	70-130			
Matrix Spike (2519019-MS2)				Source:	E505032-	04	Prepared: 0	5/05/25 Anal	yzed: 05/06/25
Gasoline Range Organics (C6-C10)	54.7	20.0	50.0	ND	109	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.07		8.00		101	70-130			
Matrix Spike Dup (2519019-MSD2)				Source:	E505032-	04	Prepared: 0	5/05/25 Anal	yzed: 05/06/25
Gasoline Range Organics (C6-C10)	50.6	20.0	50.0	ND	101	70-130	7.80	20	

8.00

8.47

106

70-130

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Number:	TGR Pipeline Spill 01058-007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/13/2025 10:08:55AM

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go			:	5/13/2025 10:08:55AN
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2519042-BLK1)							Prepared: 0	5/06/25 Ai	nalyzed: 05/06/25
riesel Range Organics (C10-C28)	ND	25.0							
ril Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	47.1		50.0		94.1	61-141			
.CS (2519042-BS1)							Prepared: 0	5/06/25 A	nalyzed: 05/06/25
riesel Range Organics (C10-C28)	269	25.0	250		108	66-144			
urrogate: n-Nonane	48.0		50.0		96.0	61-141			
Aatrix Spike (2519042-MS1)				Source:	E505032-	04	Prepared: 0	5/06/25 A	nalyzed: 05/06/25
riesel Range Organics (C10-C28)	256	25.0	250	ND	102	56-156			
urrogate: n-Nonane	46.4		50.0		92.9	61-141			
Matrix Spike Dup (2519042-MSD1)				Source:	E505032-0	04	Prepared: 0	5/06/25 A	nalyzed: 05/06/25
tiesel Range Organics (C10-C28)	260	25.0	250	ND	104	56-156	1.45	20	
urrogate: n-Nonane	47.6		50.0		95.1	61-141			



QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		GR Pipeline S 058-007	pill				Reported:
Artesia NM, 88210		Project Manager:		shley Gioveng	go				5/13/2025 10:08:55AM
		Anions	by EPA 3	00.0/9056	A				Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2519030-BLK1)							Prepared: 0	5/05/25 A	analyzed: 05/06/25
Chloride	ND	20.0							
LCS (2519030-BS1)							Prepared: 0	5/05/25 A	analyzed: 05/06/25
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2519030-MS1)				Source:	E505032-0)2	Prepared: 0:	5/05/25 A	analyzed: 05/06/25
Chloride	303	20.0	250	46.3	103	80-120			
Matrix Spike Dup (2519030-MSD1)				Source:	E505032-0)2	Prepared: 0	5/05/25 A	analyzed: 05/06/25
Chloride	302	20.0	250	46.3	102	80-120	0.322	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:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	05/13/25 10:08

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.



	Clier	nt Inform	nation	Invoice Inform	ation			La	b Us	e Or	ily				TAT			Sta	at
Client: D	Devon TGR Pipeline	Snill		Company: Devon Energy Address: 5315 Buena Vist	a Dr	_ Lab	Wo#	772	32	Job	Num	ber 00	57	1D 2	D 3D	Std	NM x	co u	j
	Manager: Ash		/engo	City, State, Zip: Carlsbad N			~	<u></u>		UIU	9 0	-							
	3122 Nation	_		Phone: (575)689-7597						Ana	lysis	and	Meth	nod			EPA Program		
	te, Zip: Carls		88220	Email: jim.raley@dvn.com													SDWA	CWA	
	575-988-005			Miscellaneous: Jim Raley													C	се Т	•
Email: a	giovengo@ei	nsolum.c	com				3015	8015									Compliano PWSID #	e	
			San	pple Information			O by 8	yd C	3021	260	300.0	7	Aetal	,	×				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field	Lab Number	DRO/ORO by 8015	GRO/DRO by	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC-TX		Samle Temp	F	1
1003	5/1/2025	Soil	1	F572-41		1									ĸ		4.0		
1058	5/1/2025	Soil	1	SW 12-0-41		2									x		3.0		
1100	5/1/2025	Soil	1	1 13 1		3									x		34		
1353	5/1/2025	Soil	1	n		4									x		3.7		
1356	5/1/2025	Soil	1	18		5									х		2.8		
1355		Soil	1	19		6									x		2.0		
1037	5/1/2025	Soil	1	27		7									х		27		
1039	5/1/2025	Soil	1	28		8									х		20		
1040		Soil	1	29		9									х		3.4		
1427	5/1/2025	Soil	1	J30 J		10									x		30		

Sampled by: 15 vael Estrella.

Relinquished by: (Signature)	Date 5/1/25	7:1(Received by: (Signature)	52.25	D711	Samples requiring thermal preservation must be received or
Relinguished by: (Signature)	Date 5-2-25	Time 1745	Received by (Signature)	5.2.25	1743	ice the day they are sampled or received packed on ice at a temp
Relinquished by: (Signature)	5.2.25	7345	Received by: (Signature) Mai	5.5.25	Time 745	above 0 but less than 6°C on subsequent days.
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only
						Received on ice:
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Ø, N
Sample Matrix: S. Soil Sd. Solid Sg. Sludge A - Ag	uanus O - Other		Container Type: g	glass n - poly/plast	ic, ag - amber glass, v	- VOA

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

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age 35
age 35
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41

Client Information						Invoice Information							Lab Use Only TAT								State					
Client: D	evon					Company:				Lab	o WO	#	1-2	Job	Num	ber		1D	2D	3D Std	N	M C	UT T	x		
Project:	TGR Pipeline	Spill				Address:	5315 Bu	uena Vista Dr		_ E	50	503	52	100	58.	00	5			x	×	TIL				
Project N	Manager: Asl	hley Giov	engo			City, State	, Zip: C	arlsbad NM, 88	220																	
Address:	3122 Nation	nal Parks	Hwy			Phone: (5	75)689-	7597	,					Ana	lysis	and	Met	thod					Program			
City, Stat	e, Zip: Carls	bad NM,	88220			Email: jim	.raley@	dvn.com													SDW	4 (CWA F	RCRA		
Phone:	575-988-005	5				Miscellane	ous: Jim	Raley		-			1													
Email: a	giovengo@e	nsolum.c	om								115	115	1								Compliance Y or					
						8 8021 8 8021 9 9 8 8 8021 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9												PWSIC	#							
1.1.4				Sample	e Inforr	nation					80	80	y 80	826	le 30	- 500	Me		NN.	×.	ale de					
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample	ID		Field	Lab Numbe	DRO/ORO by 8015	GRO/DRO by 8015	втех by	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX	Samle		Remark	KS		
1402	5/1/2025	Soil	1			5W31	-0-	41		11									х		31	0				
1456	5/1/2025	Soil	1			1 32	1			12									х		3.6	1				
1030	5/1/2025	Soil	1			V 07	4	(13									х		3.7	5				
	5/1/2025	Soil	1						1										х							
	5/1/2025	Soil	1																x							
	5/1/2025	Soil	1																х							
	5/1/2025	Soil	1													7			х							
	5/1/2025	Soil	1								t	T						П	х		1,5					
	5/1/2025	Soil	1											T					x							
	5/1/2025	Soil	1						#		+			H					x			t				
Addition	al Instructio	22.00		burton@er	solum.	.com, agiov	engo@e	ensolum.com, j	im.rale	y@dvn.	com,	iestr	rella(@ens	olum	ı.cor	n, ch	amilt	1.00	ensolur	n.com,					
bmoir@	ensolum.cor	n																								
I, (field sam	pler), attest to the	e validity and	d authenticit	y of this sample.	l am awa	re that tamperin	ng with or i	intentionally mislabel	ing the sa	mple location	on, dat	e or tin	ne of c	ollectio	n is co	nsider	ed fra	ud and i	may b	e grounds fo	or legal act	ion.				
	ed by: (Signatur		41.	Date		Time		Received by: (Signa	ture)			Date				Time	9		11		Sample	s requ	iring ther	mal		
_		-		5hl	25	7:11		Whentelle	G	sun A m	lec.	15	.2	-7.	5	(27	V		pre	eservatio	n mu	st be recei	ived c		
Relinquish	Relinquished by: (Signature) Date					Time		Received by: (Signa	ture) *	2		Date	9			Time			/	ic	e the da	y they	are samp	iled o		
	villabelle Gonzales 5.2.2				12	1745		J. U.				5	.2	7	-5		17	143	3	-			on ice at a			
Relinquish	Relinguished by: (Signature) Date					Time Received by: (Signature)						Date						-	above 0 but less than 6°C on							
1	r.L.U. 5.2.2				22	25 2345 (auth M						10	1.0	1)	1	14	subsequent days.								
Relinquish	ed by: (Signatur	e)		Date		Time		Received by: (Signa	ture)			Date	2			Time							e Only			
Relinquish	ed by: (Signatur	re)		Date		Time		Received by: (Signa	ature)		-	Date	2			Time					Re	ceive	on ice:			
Complete.	rix: S - Soil Sd - S	allel de di	J A A=	0 011			- 1		ICon	tainer Tv	ne. c	- 0 25	c n -	noly/	nlasti	0.00	- am	her al	acc 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 Inc.

Printed: 5/5/2025 10:32:59AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	05/05/25 07:45		Work Order ID:	E505032
Phone:	(505) 382-1211	Date Logged In:	05/02/25 16:39	ı	Logged In By:	Noe Soto
Email:	agiovengo@ensolum.com	Due Date:	05/09/25 17:00	(4 day TAT)		
Chain of	Custody (COC)					
	he sample ID match the COC?		Yes			
	he number of samples per sampling site location m	atch the COC	Yes			
	amples dropped off by client or carrier?		Yes	Carrier: C	Courier	
4. Was th	e COC complete, i.e., signatures, dates/times, requi	ested analyses?	Yes	_		
5. Were a	ll samples received within holding time?		Yes			
	Note: Analysis, such as pH which should be conducted i.e, 15 minute hold time, are not included in this disucss	•		F	Comment	ts/Resolution
	Furn Around Time (TAT) a COC indicate standard TAT, or Expedited TAT?		Yes		Project TGR Pipeline S	pill has been
Sample (separated into 2 reports.	, WOs are
7. Was a	sample cooler received?		Yes		E505031-E505032. Vis	ible white out on
8. If yes,	was cooler received in good condition?		Yes		COC.	
9. Was th	e sample(s) received intact, i.e., not broken?		Yes		COC.	
10. Were	custody/security seals present?		No			
11. If yes	, were custody/security seals intact?		NA			
12. Was th	ne sample received on ice?		Yes			
	Note: Thermal preservation is not required, if samples a	re received within				
13 See C	15 minutes of sampling COC for individual sample temps. Samples outside	of 0°C 6°C will be	recorded in co	mments		
		or o e-o e win be	recorded in co.	innicitis.		
	Container queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	a trip blank (TB) included for VOC analyses?		NA			
	on-VOC samples collected in the correct container	s?	Yes			
	appropriate volume/weight or number of sample conta		Yes			
Field La	<u>bel</u>					
	field sample labels filled out with the minimum in:	formation:				
	ample ID?		Yes			
	Oate/Time Collected? Collectors name?		Yes	•		
	Preservation		Yes			
	the COC or field labels indicate the samples were	preserved?	No			
	ample(s) correctly preserved?		NA			
	filtration required and/or requested for dissolved n	netals?	No			
Multipha	ase Sample Matrix					
	the sample have more than one phase, i.e., multiph	ase?	No			
	, does the COC specify which phase(s) is to be ana		NA			
Subconti	ract Laboratory					
	amples required to get sent to a subcontract laborat	orv?	No			
	a subcontract laboratory specified by the client and	-		contract Lab	: NA	
	nstruction_					
<u>Cheme II</u>	iisti uction					

Date

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

Received by OCD: 6/6/2025 10:23:21 AM



Chain of C

ustody	Page <u>3</u> of <u>4</u>

	Clie	nt Inforn	nation		1/4	Invoice Information						Lab Use Only TAT State													
Client: [Co	ompany: Dev	on Energy		L	ab W	' 0#		Job	Num	ber		1D	2D	3D	Std	1	MI	co ut	TX	
Project:	TGR Pipelin	e Spill			A	ddress: 5315	Buena Vista Dr			ESC	250	132	MIC	58	.000	17				X	×	(
Project N	Aanager: As	hley Giov	rengo		Ci	ity, State, Zip:	Carlsbad NM, 882	20						TYPE								115	-		
COLUMN TO SERVICE STATE OF THE PARTY OF THE	3122 Natio				Ph	one: (575)68	9-7597					31	Ana	lysis	and	Met	hod					EPA	A Progra	m	
No Company of the last	e, Zip: Carls		88220	- 1	Er	mail: jim.raley	@dvn.com									SDWA CWA RCI									
Phone:	575-988-005	5			Mis	scellaneous: Ji	m Raley																		
Email: a	giovengo@e	nsolum.c	om							1	0	0							- 1		Compl	liance	e Y	or N	1
											7 8015	1 801		0.0	×	S S					PWSI	D#			
				Sample Inf	formati	ion				-	00 0	805	8260	300	1. S	Met		M	×		9 1	a			
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID		Field	Lab Numb	ber 8	DRO/ORO	GRO/DRO by BTEX by 8023	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC-	BGDOC.		Samle	lem	Ren	narks	
1003	5/1/2025	Soil	1		4	F572-		1									x			4,0) (orra	-ted		
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1100	5/1/2025	Soil	1			1 13			3									x			31		Per	Clie	at
1353	5/1/2025	Soil	1			117			4									x		1	3.	7	5/13	125	
1356	5/1/2025	Soil	1			18			5									x			29	3	CI	1	
1355	5/1/2025	Soil	1			19			6									x			26	0			
1037	5/1/2025	Soil	1			27			7									x			2-	7			
1039	5/1/2025	Soil	1			28			8									x			20	5			
1040	5/1/2025	Soil	1			29	No.		9									x			3!	4			
1427	5/1/2025	Soil	1		FS	130-1	4'		10									x			30)			
Addition	al Instructio	ns: Ple	ase CC: c	burton@ensolu	ım.com	n, agiovengo@	ensolum.com, jin	ı.rale	y@dvi	n.com	ı, ies	trella(Dens	olum	.com	, cha	milt	on@	enso				1777		
bmoir@	ensolum.cor	n																							
Sampled by:	15vael	- th	authenticity The [[c	of this sample. I am	aware tha	at tampering with o	r intentionally mislabeling	the sa	mple loca	tion, da	ate or t	time of c	ollectio	n is cor	isidere	d frauc	and n	may be	grour	ids for l	egal act	tion.			
	d by: (Signatur	一大		5/1/25	Time	7:11	Received by: (Signatu	re)	Ann A n	lec	Da	5.2	. 2	5	Time	7	11			1000			uiring th	ermal ceived or	n
Relinguishe	d by: (Signatur	Gonz	ales	5-2-25	Time	745	Received by) (Signatu	re) ·	3	1	Da	5.2	.2	5	Time	17	41	5		0.00		7		mpled or at a temp	
Relinquisher by: (Signature) Date 5.2.					Time	2345	Received by: (Signatu	re)	m	ai	Da	5.5	: 23	-	Time	4	5		-49	above 0 but less than 6°C o subsequent days.					
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Relinquished by: (Signature) Date					Time Received by: (Signature)					Da	te			Time						ке	Ceive				
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other								Cont	tainer T	vpe: p	- gla	SS. p - 1	ooly/n	lastic	ag -	ambe	er gla	55. V	- VO		-			-	
	mple Matrix: S - Soil, Sd - Soild, Sg - Sludge, A - Aqueous, O - Other Container Type: g - glass, p																				r the a	analus!	is of the	hour	

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.

Received by OCD: 6/6/2025 10:23:21 AM



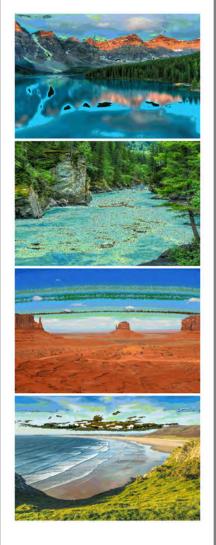
WO# 1093068701

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Client Information						Invoice Information						Lab Use Only TAT State									e						
Client: D	Devon					Company: Devon Energy						b WO# Job Number								3D	Std	NM CO UT TX					
Project:	TGR Pipeline	e Spill				Address: 5315	Buena Vista Dr		F	4	TIS	03			78.		57				х	X					
Project N	Manager: As	hley Giov	engo			City, State, Zip:	Carlsbad NM, 882	20		-				12152													
Address:	3122 Natio	nal Parks	Hwy			Phone: (575)68				1				Ana	lysis	and	Met	hod				F	PA Progra	am			
City, Stat	te, Zip: Carls	bad NM,	88220			Email: jim.raley	@dvn.com						19/19									SDWA	CWA	RCRA			
Phone:	575-988-005	5			180	Miscellaneous: Ji																					
Email: a	giovengo@e	nsolum.c	om				ın	LC)										Complian	nce Y	or N							
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Lillian				Sample I	nfor	mation					O by	O by	802	3260	300	5-1	Aeta		W	×		0 0					
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID Parill Num					ово/ово	GRO/DRO	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005	RCRA 8 Metals		BGDOC - NM	BGDOC-TX		Samle Temp	Ren	marks			
1402	5/1/2025	Soil	1			SW31-0	-41		11										x			3.0					
1456	5/1/2025	Soil	1			32			12	,									x			3.4					
1030	5/1/2025	Soil	1			107	1		13										x			3.2					
	5/1/2025	Soil	1																x								
	5/1/2025	Soil	1																x								
	5/1/2025	Soil	1																x								
	5/1/2025	Soil	1																x								
	5/1/2025	Soil	1																x								
	5/1/2025	Soil	1																x								
	5/1/2025	Soil	1																x								
bmoir@	ensolum.cor	n					Pensolum.com, jim																				
I, (field sam) Sampled by	pler), attest to the	e validity and	authenticity (Ca	of this sample. I a	m awa	are that tampering with o	or intentionally mislabeling	the sa	mple loca	ition,	, date	ar time	of co	llectio	n is cor	sidere	d frau	d and r	may be	groun	nds for	legal action					
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Relinquish	Relinquished by: (Signature) Date					Time Received by: (Signature)					Date Time											Received on ice:					
	rix: S - Soil, Sd - Si							Con	tainer T	ype	: g - g	glass,	p - p	oly/p	lastic	, ag -	amb	er gla	155, V	- VO	Ą						
							re made. Hazardous sar										client	expe	nse. I	he re	port f	or the ana	lysis of the	above			

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: TGR Pipeline Spill

Work Order: E505218

Job Number: 01058-0007

Received: 5/20/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 5/27/25

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

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

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

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

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

Date Reported: 5/27/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: TGR Pipeline Spill

Workorder: E505218

Date Received: 5/20/2025 7:45:00AM

Ashley Giovengo,

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

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

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

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

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

Respectfully,

Walter Hinchman

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whinchman@envirotech-inc.com

Raina Schwanz

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Sample Summary

Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	Denouted
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	05/27/25 14:33

Client Sample ID	Lab Sample ID Matrix	Sampled	Received	Container
PH05-14'	E505218-01A Soil	05/16/25	05/20/25	Glass Jar, 2 oz.
PH05-15'	E505218-02A Soil	05/16/25	05/20/25	Glass Jar, 2 oz.
PH05-16'	E505218-03A Soil	05/16/25	05/20/25	Glass Jar, 2 oz.
PH07-11'	E505218-04A Soil	05/16/25	05/20/25	Glass Jar, 2 oz.
PH07-12'	E505218-05A Soil	05/16/25	05/20/25	Glass Jar, 2 oz.
PH07-13'	E505218-06A Soil	05/16/25	05/20/25	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/27/2025 2:33:01PM

PH05-14' E505218-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: SL		Batch: 2521043
Benzene	ND	0.0250	1	05/20/25	05/22/25	
Ethylbenzene	ND	0.0250	1	05/20/25	05/22/25	
Toluene	ND	0.0250	1	05/20/25	05/22/25	
o-Xylene	ND	0.0250	1	05/20/25	05/22/25	
p,m-Xylene	ND	0.0500	1	05/20/25	05/22/25	
Total Xylenes	ND	0.0250	1	05/20/25	05/22/25	
Surrogate: 4-Bromochlorobenzene-PID		99.7 %	70-130	05/20/25	05/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2521043
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/20/25	05/22/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		106 %	70-130	05/20/25	05/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: NV		Batch: 2521073
Diesel Range Organics (C10-C28)	ND	25.0	1	05/21/25	05/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/21/25	05/24/25	
Surrogate: n-Nonane		106 %	61-141	05/21/25	05/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: RAS		Batch: 2521069
Chloride	6560	40.0	2	05/20/25	05/21/25	

Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/27/2025 2:33:01PM

PH05-15' E505218-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2521043
Benzene	ND	0.0250	1	05/20/25	05/22/25	
Ethylbenzene	ND	0.0250	1	05/20/25	05/22/25	
Toluene	ND	0.0250	1	05/20/25	05/22/25	
o-Xylene	ND	0.0250	1	05/20/25	05/22/25	
p,m-Xylene	ND	0.0500	1	05/20/25	05/22/25	
Total Xylenes	ND	0.0250	1	05/20/25	05/22/25	
Surrogate: 4-Bromochlorobenzene-PID		99.6 %	70-130	05/20/25	05/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2521043
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/20/25	05/22/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		110 %	70-130	05/20/25	05/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2521073
Diesel Range Organics (C10-C28)	ND	25.0	1	05/21/25	05/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/21/25	05/24/25	
Surrogate: n-Nonane		102 %	61-141	05/21/25	05/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2521069
Chloride	1290	20.0	1	05/20/25	05/21/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/27/2025 2:33:01PM

PH05-16' E505218-03

		1303210 05				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: SL		Batch: 2521043
Benzene	ND	0.0250	1	05/20/25	05/22/25	
Ethylbenzene	ND	0.0250	1	05/20/25	05/22/25	
Toluene	ND	0.0250	1	05/20/25	05/22/25	
o-Xylene	ND	0.0250	1	05/20/25	05/22/25	
o,m-Xylene	ND	0.0500	1	05/20/25	05/22/25	
Total Xylenes	ND	0.0250	1	05/20/25	05/22/25	
Surrogate: 4-Bromochlorobenzene-PID		99.8 %	70-130	05/20/25	05/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2521043
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/20/25	05/22/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		108 %	70-130	05/20/25	05/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: NV		Batch: 2521073
Diesel Range Organics (C10-C28)	ND	25.0	1	05/21/25	05/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/21/25	05/24/25	
Surrogate: n-Nonane		110 %	61-141	05/21/25	05/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: RAS		Batch: 2521069
Chloride	499	20.0	1	05/20/25	05/21/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/27/2025 2:33:01PM

PH07-11' E505218-04

	1303210 04				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: SL		Batch: 2521043
ND	0.0250	1	05/20/25	05/22/25	
ND	0.0250	1	05/20/25	05/22/25	
ND	0.0250	1	05/20/25	05/22/25	
ND	0.0250	1	05/20/25	05/22/25	
ND	0.0500	1	05/20/25	05/22/25	
ND	0.0250	1	05/20/25	05/22/25	
	98.1 %	70-130	05/20/25	05/22/25	
mg/kg	mg/kg	Anal	yst: SL		Batch: 2521043
ND	20.0	1	05/20/25	05/22/25	
	111 %	70-130	05/20/25	05/22/25	
mg/kg	mg/kg	Anal	yst: NV		Batch: 2521073
ND	25.0	1	05/21/25	05/24/25	
ND	50.0	1	05/21/25	05/24/25	
	110 %	61-141	05/21/25	05/24/25	
mg/kg	mg/kg	Anal	yst: RAS		Batch: 2521069
4380	40.0	2	05/20/25	05/21/25	
	mg/kg ND Mg/kg ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 98.1 % mg/kg MD 20.0 111 % mg/kg ND 25.0 ND 50.0 110 % mg/kg mg/kg mg/kg	mg/kg mg/kg Anal ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 98.1 % 70-130 mg/kg mg/kg Anal ND 20.0 1 111 % 70-130 1 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 110 % 61-141 mg/kg mg/kg Anal	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 05/20/25 ND 0.0250 1 05/20/25 ND 0.0250 1 05/20/25 ND 0.0250 1 05/20/25 ND 0.0500 1 05/20/25 ND 0.0250 1 05/20/25 mg/kg mg/kg Analyst: SL ND 20.0 1 05/20/25 mg/kg mg/kg Analyst: NV ND 25.0 1 05/21/25 ND 25.0 1 05/21/25 ND 50.0 1 05/21/25 ND 50.0 1 05/21/25 MD 61-141 05/21/25 mg/kg mg/kg Analyst: RAS	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 05/20/25 05/22/25 ND 0.0250 1 05/20/25 05/22/25 ND 0.0250 1 05/20/25 05/22/25 ND 0.0500 1 05/20/25 05/22/25 ND 0.0250 1 05/20/25 05/22/25 ND 0.0250 1 05/20/25 05/22/25 mg/kg mg/kg Analyst: SL ND 20.0 1 05/20/25 05/22/25 mg/kg mg/kg Analyst: SL ND 20.0 1 05/20/25 05/22/25 mg/kg mg/kg Analyst: NV ND 25.0 1 05/21/25 05/24/25 ND 50.0 1 05/21/25 05/24/25 ND 50.0 1 05/21/25 05/24/25 ND 50.0 <



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/27/2025 2:33:01PM

PH07-12' E505218-05

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: SL		Batch: 2521043
Benzene	ND	0.0250	1	05/20/25	05/22/25	
Ethylbenzene	ND	0.0250	1	05/20/25	05/22/25	
Toluene	ND	0.0250	1	05/20/25	05/22/25	
o-Xylene	ND	0.0250	1	05/20/25	05/22/25	
p,m-Xylene	ND	0.0500	1	05/20/25	05/22/25	
Total Xylenes	ND	0.0250	1	05/20/25	05/22/25	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	05/20/25	05/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2521043
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/20/25	05/22/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		108 %	70-130	05/20/25	05/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: NV		Batch: 2521073
Diesel Range Organics (C10-C28)	ND	25.0	1	05/21/25	05/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/21/25	05/24/25	
Surrogate: n-Nonane		110 %	61-141	05/21/25	05/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: RAS		Batch: 2521069
Chloride	4030	40.0	2	05/20/25	05/21/25	



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/27/2025 2:33:01PM

PH07-13' E505218-06

Notes
Notes
atch: 2521043
ntch: 2521043
atch: 2521073
atch: 2521069



Devon Energy - Carlsbad TGR Pipeline Spill Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Ashley Giovengo 5/27/2025 2:33:01PM **Volatile Organics by EPA 8021B** Analyst: SL Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2521043-BLK1) Prepared: 05/20/25 Analyzed: 05/22/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 8.01 8.00 100 70-130 LCS (2521043-BS1) Prepared: 05/20/25 Analyzed: 05/22/25 4.93 5.00 98.5 70-130 Benzene 0.0250 Ethylbenzene 4.90 0.0250 5.00 98.0 70-130 4.90 0.0250 5.00 98.1 70-130 Toluene 97.0 o-Xylene 4.85 0.0250 5.00 70-130 9.93 10.0 99.3 70-130 0.0500 p.m-Xvlene 98.5 70-130 14.8 15.0 Total Xylenes 0.0250 8.00 100 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.01 Matrix Spike (2521043-MS1) Source: E505212-26 Prepared: 05/20/25 Analyzed: 05/22/25 4.96 0.0250 5.00 ND 99.1 70-130 Benzene ND 98.2 70-130 Ethylbenzene 4.91 0.0250 5.00 Toluene 4.93 0.0250 5.00 ND 98.5 70-130 4.88 ND 97.5 70-130 5.00 0.0250 o-Xylene p,m-Xylene 9.93 0.0500 10.0 ND 99.3 70-130 14.8 0.0250 15.0 ND 70-130 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.92 8.00 Matrix Spike Dup (2521043-MSD1) Source: E505212-26 Prepared: 05/20/25 Analyzed: 05/22/25 4.99 0.0250 5.00 ND 99.8 70-130 0.743 27 4.97 70-130 0.0250 5.00 ND 99.5 1.31 26 Ethylbenzene Toluene 4 97 0.0250 5.00 ND 99.5 70-130 0.946 20 4.93 5.00 ND 98.6 70-130 1.08 25 o-Xylene 0.0250 1.39 23 10.1 10.0 ND 101 70-130 p,m-Xylene 0.0500



15.0

7.69

0.0250

15.0

8.00

ND

100

96.1

70-130

70-130

1.28

26

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Number:	TGR Pipeline Spill 01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/27/2025 2:33:01PM

Artesia NM, 88210		Project Manage	r: As	shley Gioven	go			5/2	7/2025 2:33:01PM
	Non	halogenated		Analyst: SL					
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2521043-BLK1)							Prepared: 0	5/20/25 Analy	yzed: 05/22/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.70		8.00		109	70-130			
LCS (2521043-BS2)							Prepared: 0	5/20/25 Analy	yzed: 05/22/25
Gasoline Range Organics (C6-C10)	50.0	20.0	50.0		100	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.71		8.00		109	70-130			
Matrix Spike (2521043-MS2)				Source:	E505212-	26	Prepared: 0	5/20/25 Analy	yzed: 05/22/25
Gasoline Range Organics (C6-C10)	49.7	20.0	50.0	ND	99.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.92		8.00		111	70-130			
Matrix Spike Dup (2521043-MSD2)				Source:	E505212-	26	Prepared: 0	5/20/25 Analy	yzed: 05/22/25
Gasoline Range Organics (C6-C10)	50.5	20.0	50.0	ND	101	70-130	1.52	20	

8.00

9.12

114

70-130



Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Number:	TGR Pipeline Spill 01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/27/2025 2:33:01PM

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go				5/27/2025 2:33:01PN		
Nonhalogenated Organics by EPA 8015D - DRO/ORO Analyst: NV											
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2521073-BLK1)							Prepared: 0:	5/21/25 Aı	nalyzed: 05/23/25		
Diesel Range Organics (C10-C28)	ND	25.0									
Dil Range Organics (C28-C36)	ND	50.0									
Surrogate: n-Nonane	51.2		50.0		102	61-141					
LCS (2521073-BS1)							Prepared: 0:	5/21/25 Aı	nalyzed: 05/23/25		
Diesel Range Organics (C10-C28)	274	25.0	250		110	66-144					
Surrogate: n-Nonane	50.3		50.0		101	61-141					
Matrix Spike (2521073-MS1)				Source:	E505212-	24	Prepared: 0	5/21/25 Aı	nalyzed: 05/23/25		
Diesel Range Organics (C10-C28)	283	25.0	250	ND	113	56-156					
Surrogate: n-Nonane	52.6		50.0		105	61-141					
Matrix Spike Dup (2521073-MSD1)				Source:	E505212-	24	Prepared: 0	5/21/25 Aı	nalyzed: 05/23/25		
Diesel Range Organics (C10-C28)	281	25.0	250	ND	112	56-156	0.588	20			
Surrogate: n-Nonane	51.7		50.0		103	61-141					

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		GR Pipeline S .058-0007	pill				Reported:
Artesia NM, 88210		Project Manager:	As	shley Gioveng	go				5/27/2025 2:33:01PM
		Anions	by EPA 3	300.0/9056 <i>A</i>	4				Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2521069-BLK1)							Prepared: 0	5/20/25 A	analyzed: 05/21/25
Chloride	ND	20.0							
LCS (2521069-BS1)							Prepared: 0	5/20/25 A	analyzed: 05/21/25
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2521069-MS1)				Source:	E505212-	22	Prepared: 0	5/20/25 A	analyzed: 05/21/25
Chloride	1330	20.0	250	1090	94.6	80-120			
Matrix Spike Dup (2521069-MSD1)				Source:	E505212-	22	Prepared: 0	5/20/25 A	analyzed: 05/21/25
Chloride	1310	20.0	250	1090	87.9	80-120	1.27	20	

QC Summary Report Comment:

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



Definitions and Notes

Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	05/27/25 14:33

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.



Released to Imaging: 6/10/2025 3:21:47 PM

	Clie	nt Inform	nation		Inv	oice Information				Lal	b Us	e On	ly			TAT				State	e
Client: D					Company: De	von Energy		Lab	WO#				Num			1D	2D	3D Std	NM	CO UT	TX
	TGR Pipeline				Address: 5315 Buena Vista Dr			E505218 100				T000-8201					x	x	7-11-16	- 12 -	
Project N	Manager: As	hley Giov	rengo			: Carlsbad NM, 882	20														
Address:	3122 Natio	nal Parks	Hwy		Phone: (575)689-7597 Email: jim.raley@dvn.com						Analysis and Me			Met	hod			EPA Program			
City, Stat	e, Zip: Carls	bad NM,	88220															SDWA	CWA	RCRA	
Phone: 575-988-0055 Email: agiovengo@ensolum.com			Miscellaneous: .	lim Raley																	
						15	15			V I						Complian	ice Y	or N			
					<u> </u>				by 80	08 Aq	21	90	0.00	×	tals				PWSID #		
				Sample Info	rmation		L .		80)RO	y 80	y 826	de 30	- 500	Me Me		N	¥	ale np		
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID		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	Samle Temp	Ken	narks
10:27	5/16/2025	Soil	1		PH05- 14'			1									x		2.2		
10:46	5/16/2025	Soil	1		PH05- 15'			2									x		2.4		
11:10	5/16/2025	Soil	1		PH05- 16'			3							MT.		x		21		
14:45	5/16/2025	Soil	1		PH07- 11'			4									х		2.1		
15:05	5/16/2025	Soil	1		PH07- 12'			5									х		2.5		
15:58	5/16/2025	Soil	1		PH07-13'		M	6									х		2.4		
																			2		
																77					
	al Instructio		ease CC: cl	ourton@ensolun	n.com, agiovengo	@ensolum.com, jim	ı.rale	y@dvn.c	com, i	estre	lla@	ens	olum	.con	n, ch	amilt	on@	ensolum	.com,		
	ensolum.cor		l mushamstats.	of this samula I am au	uses that to make in a with	or intentionally mislabeling	*1	anta ta angla			-6	lle eties	- 10	1	ad fant				land salta		
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	ed by: (Signatur		40 K	Date	Time	Received by: (Signatu	re)	15.5		Date	-			Timé		1	-		Comples r	equiring th	acemal
_	105	-0		5/19/25	7:11	LAMICOT	MA	Fast	Serve	5	-10	1.2	5	1	14	15	,			must be re	
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Relinquish	ed by: (Signatur	e)		Date	Time	Received by: (Signatu	re)			Date				Time						Y) N	
Sample Mat	rix: S - Soil, Sd - S	olid, Sg - Sluc	dge, A - Aqueo	ous, O - Other	_		Con	ainer Typ	e: g -	glass,	p - p	oly/p	lastic	, ag	- amb	er gla	SS, V	- VOA			

envirotech Inc.

Printed: 5/20/2025 9:56:09AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	05/20/25	07:45	Work Order ID:	E505218
Phone:	(505) 382-1211	Date Logged In:	05/19/25	14:25	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	05/26/25	17:00 (4 day TAT)		
Chain of	Custody (COC)					
	he sample ID match the COC?		Yes			
	he number of samples per sampling site location ma	atch the COC	Yes			
3. Were s	samples dropped off by client or carrier?		Yes	Carrier: Courier		
4. Was th	e COC complete, i.e., signatures, dates/times, reque	ested analyses?	Yes			
5. Were a	all samples received within holding time?		Yes			
	Note: Analysis, such as pH which should be conducted i.e, 15 minute hold time, are not included in this disucss				Comment	ts/Resolution
Sample '	Furn Around Time (TAT)					
	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample (
7. Was a	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was th	ne sample(s) received intact, i.e., not broken?		Yes			
	custody/security seals present?		No			
	s, were custody/security seals intact?		NA			
-	ne sample received on ice?		Yes			
12. ************************************	Note: Thermal preservation is not required, if samples a	re received within	103			
	15 minutes of sampling					
13. See C	COC for individual sample temps. Samples outside	of 0°C-6°C will be	recorded	in comments.		
Sample (<u>Container</u>					
14. Are a	queous VOC samples present?		No			
15. Are V	OC samples collected in VOA Vials?		NA			
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA			
17. Was a	a trip blank (TB) included for VOC analyses?		NA			
18. Are r	on-VOC samples collected in the correct container	s?	Yes			
19. Is the	appropriate volume/weight or number of sample conta	iners collected?	Yes			
Field La						
	field sample labels filled out with the minimum inf	formation:	3.7			
	sample ID? Date/Time Collected?		Yes			
	Collectors name?		Yes Yes			
	Preservation		103			
	the COC or field labels indicate the samples were p	oreserved?	No			
22. Are s	ample(s) correctly preserved?		NA			
24. Is lab	filtration required and/or requested for dissolved n	netals?	No			
Multiph:	ase Sample Matrix					
	the sample have more than one phase, i.e., multiph	ase?	No			
	s, does the COC specify which phase(s) is to be ana		NA			
	ract Laboratory					
	amples required to get sent to a subcontract laborate	nrv?	No			
	a subcontract laboratory specified by the client and	•	NA	Subcontract Lab: NA		
				Successive Euro, 1411		
CHEILI	<u>nstruction</u>					

Date

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

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: TGR Pipeline Spill

Work Order: E505237

Job Number: 01058-0007

Received: 5/21/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 5/28/25

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

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

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

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

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

Date Reported: 5/28/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: TGR Pipeline Spill

Workorder: E505237

Date Received: 5/21/2025 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/21/2025 8:00:00AM, under the Project Name: TGR Pipeline Spill.

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

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

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

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Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	Donoutoda
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	05/28/25 09:46

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
PH07-16'	E505237-01A	Soil	05/19/25	05/21/25	Glass Jar, 2 oz.
PH07-20'	E505237-02A	Soil	05/19/25	05/21/25	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/28/2025 9:46:03AM

PH07-16' E505237-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2521088
Benzene	ND	0.0250	1	05/21/25	05/23/25	
Ethylbenzene	ND	0.0250	1	05/21/25	05/23/25	
Toluene	ND	0.0250	1	05/21/25	05/23/25	
o-Xylene	ND	0.0250	1	05/21/25	05/23/25	
p,m-Xylene	ND	0.0500	1	05/21/25	05/23/25	
Total Xylenes	ND	0.0250	1	05/21/25	05/23/25	
Surrogate: 4-Bromochlorobenzene-PID		108 %	70-130	05/21/25	05/23/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2521088
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/25	05/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		101 %	70-130	05/21/25	05/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2521077
Diesel Range Organics (C10-C28)	ND	25.0	1	05/21/25	05/27/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/21/25	05/27/25	
Surrogate: n-Nonane		108 %	61-141	05/21/25	05/27/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2521119
Chloride	1980	20.0	1	05/22/25	05/23/25	

Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/28/2025 9:46:03AM

PH07-20' E505237-02

	E303257 02				
Result	Reporting Limit		Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	lyst: BA		Batch: 2521088
ND	0.0250	1	05/21/25	05/23/25	
ND	0.0250	1	05/21/25	05/23/25	
ND	0.0250	1	05/21/25	05/23/25	
ND	0.0250	1	05/21/25	05/23/25	
ND	0.0500	1	05/21/25	05/23/25	
ND	0.0250	1	05/21/25	05/23/25	
	108 %	70-130	05/21/25	05/23/25	
mg/kg	mg/kg	Ana	lyst: BA		Batch: 2521088
ND	20.0	1	05/21/25	05/23/25	
	101 %	70-130	05/21/25	05/23/25	
mg/kg	mg/kg	Ana	lyst: NV		Batch: 2521077
ND	25.0	1	05/21/25	05/27/25	
ND	50.0	1	05/21/25	05/27/25	
	110 %	61-141	05/21/25	05/27/25	
mg/kg	mg/kg	Ana	lyst: DT		Batch: 2521119
420	20.0	1	05/22/25	05/23/25	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result Reporting mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0500 ND 0.0250 I08 % mg/kg mg/kg mg/kg ND 20.0 I01 % mg/kg ND 25.0 ND 50.0 I10 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg Mana ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 108 % 70-130 70-130 mg/kg mg/kg Ana ND 20.0 1 101 % 70-130 70-130 mg/kg mg/kg Ana ND 25.0 1 ND 50.0 1 110 % 61-141 61-141 mg/kg mg/kg Ana	Reporting Result Limit Dilution Prepared mg/kg Analyst: BA ND 0.0250 1 05/21/25 ND 0.0250 1 05/21/25 ND 0.0250 1 05/21/25 ND 0.0250 1 05/21/25 ND 0.0500 1 05/21/25 ND 0.0250 1 05/21/25 mg/kg Malyst: BA ND 20.0 1 05/21/25 mg/kg Analyst: BA ND 20.0 1 05/21/25 mg/kg Analyst: NV ND 25.0 1 05/21/25 ND 50.0 1 05/21/25 ND 50.0 1 05/21/25 Mg/kg Mg/kg Analyst: DT	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 05/21/25 05/23/25 ND 0.0250 1 05/21/25 05/23/25 ND 0.0250 1 05/21/25 05/23/25 ND 0.0500 1 05/21/25 05/23/25 ND 0.0250 1 05/21/25 05/23/25 ND 0.0250 1 05/21/25 05/23/25 mg/kg mg/kg Analyst: BA ND 20.0 1 05/21/25 05/23/25 mg/kg mg/kg Analyst: BA ND 20.0 1 05/21/25 05/23/25 mg/kg mg/kg Analyst: NV ND 25.0 1 05/21/25 05/27/25 ND 50.0 1 05/21/25 05/27/25 ND 50.0 1 05/21/25 05/27/25



TGR Pipeline Spill Devon Energy - Carlsbad Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Ashley Giovengo 5/28/2025 9:46:03AM **Volatile Organics by EPA 8021B** Analyst: BA Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2521088-BLK1) Prepared: 05/21/25 Analyzed: 05/23/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 8.35 8.00 104 70-130 LCS (2521088-BS1) Prepared: 05/21/25 Analyzed: 05/23/25 4.81 96.3 70-130 5.00 Benzene 0.0250 Ethylbenzene 4.76 0.0250 5.00 95.2 70-130 4.81 0.0250 5.00 96.2 70-130 Toluene 93.7 o-Xylene 4.68 0.0250 5.00 70-130 9.59 10.0 95.9 70-130 0.0500 p.m-Xvlene 95.2 70-130 14.3 15.0 Total Xylenes 0.0250 8.00 108 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.65 Matrix Spike (2521088-MS1) Source: E505233-06 Prepared: 05/21/25 Analyzed: 05/23/25 5.32 0.0250 5.00 ND 70-130 Benzene 5.23 ND 105 70-130 Ethylbenzene 0.0250 5.00 Toluene 5.30 0.0250 5.00 ND 106 70-130 ND 103 70-130 5.16 5.00 0.0250 o-Xylene p,m-Xylene 10.5 0.0500 10.0 ND 105 70-130 15.7 0.0250 15.0 ND 70-130 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.62 8.00 Matrix Spike Dup (2521088-MSD1) Source: E505233-06 Prepared: 05/21/25 Analyzed: 05/23/25 5.55 0.0250 5.00 ND 111 70-130 4.31 27 ND 70-130 4.41 5.47 0.0250 5.00 109 26 Ethylbenzene Toluene 5 54 0.0250 5.00 ND 111 70-130 4 38 20 5.40 5.00 ND 108 70-130 4.43 25 o-Xylene 0.0250 4.42 23 11.0 10.0 ND 110 70-130 p,m-Xylene 0.0500



16.4

8.62

0.0250

15.0

8.00

ND

109

108

70-130

70-130

4.42

26

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Devon Energy - Carlsbad	Project Name:	TGR Pipeline Spill	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	_
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/28/2025 9:46:03AM

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go			5/28	8/2025 9:46:03AM
	Non	halogenated	Organics l	oy EPA 80	15D - Gl	RO			Analyst: BA
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2521088-BLK1)							Prepared: 0:	5/21/25 Analy	yzed: 05/23/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.02		8.00		100	70-130			
LCS (2521088-BS2)							Prepared: 0:	5/21/25 Analy	yzed: 05/23/25
Gasoline Range Organics (C6-C10)	44.3	20.0	50.0		88.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.21		8.00		103	70-130			
Matrix Spike (2521088-MS2)				Source:	E505233-	06	Prepared: 0:	5/21/25 Analy	yzed: 05/23/25
Gasoline Range Organics (C6-C10)	47.1	20.0	50.0	ND	94.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.20		8.00		103	70-130			
Matrix Spike Dup (2521088-MSD2)				Source:	E505233-	06	Prepared: 0	5/21/25 Analy	yzed: 05/23/25
Gasoline Range Organics (C6-C10)	45.5	20.0	50.0	ND	90.9	70-130	3.54	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.19		8.00		102	70-130			

Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Number:	TGR Pipeline Spill 01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/28/2025 9:46:03AM

025 9:46:03AN
ılyst: NV
Notes
d: 05/27/25
d: 05/27/25
d: 05/27/25
d: 05/27/25
_



Chloride

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		GR Pipeline S 058-0007	pill				Reported:
Artesia NM, 88210		Project Manager	: As	shley Gioveng	go				5/28/2025 9:46:03AM
		Anions	by EPA 3	00.0/9056	4				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2521119-BLK1)							Prepared: 0	5/22/25 A1	nalyzed: 05/22/25
Chloride	ND	20.0							
LCS (2521119-BS1)							Prepared: 0	5/22/25 Aı	nalyzed: 05/22/25
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2521119-MS1)				Source:	E505227-	03	Prepared: 0	5/22/25 Aı	nalyzed: 05/22/25
Chloride	258	20.0	250	ND	103	80-120			
Matrix Spike Dup (2521119-MSD1)				Source:	E505227-	03	Prepared: 0	5/22/25 Aı	nalyzed: 05/22/25

250

20.0

ND

103

80-120

0.230

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:	TGR Pipeline Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	05/28/25 09:46

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



envirotech Analytical Laboratory

Imaging: 6/10/2025 3:21:47 PM

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of	1
	of

	Clie	nt Inforn	nation		Invo	oice Information					La	b Us	e On	ly				TA	AT		Stat	e
Client: [Devon				Company: Dev	von Energy		1	Lab V	NO#			Job	Num	ber	3.0	1D	2D	3D Std	NM	CO UT	TX
Project:	TGR Pipeline	Spill			Address: 5315	Buena Vista Dr			FF	OF.	23	57	DIO	28.1	000	7			x	x		
Project N	Manager: Asl	nley Giov	engo		City, State, Zip:	Carlsbad NM, 882	20				-	-		-	•	-						
	3122 Natio				Phone: (575)68			=	Γ				Ana	lysis	and	Met	hod			E	PA Progr	am
City, Star	te, Zip: Carls	bad NM,	88220		Email: jim.rale	v@dvn.com						7 0								SDWA	CWA	RCRA
Phone:	575-988-005	5			Miscellaneous: Ji																	1,000,000
	giovengo@e		om		IVIISCENTICOUS. 31	in Naicy				ın.	S	100					Ш			Complian	ce Y	or N
										801	801			0		5				PWSID #		10111
				Sample Info	rmation					O by	O by	8023	8260	300	S-1X	Meta		M	2			
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID		Field	Lab Numb		DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX	Samle Temp	Re	marks
9:42	5/19/2025	S	1		PH07 - 16'			1										х		2.0		
10:26	5/19/2025	S	1		PH07 - 20'			2										х		2.4		
Addition	al Instructio	ns: Ple	ase CC: c	l burton@ensolum	.com, agiovengo@	ensolum.com, jim	raley	edvn.	.com	ı, ies	trell	a@e	nsol	um.c	om,	cham	iltor	ı@eı	nsolum.c	om, bmo	r@enso	lum.com
I, (field sam	oler), attest to the	validity and	authenticity	of this sample. I am aw	are that tampering with or	intentionally mislabeling t	he samp	ole location	ion, da	ate or	time of	f collec	ction is	consid	lered f	raud ar	nd may	be gr	ounds for lea	al action.		_
Sampled by	Cole Burton_																					
Relinquish	ed by: (Signature	久		Date 5/20/2	7:30 am	Received by: (Signatu	re)	120	180	Ć.	Date.	-21	9.2	25	Time	00	IL	1		Samples reservation i		hermal eceived on
Relinquish	ed by: (Signature		Nor-	5-20-2	5 1700	Received by: Signatu	1				Date	20	. 25	;	Time	16	20			the day the		impled or at a temp
Relinguish	ed by (Signature			5.70.25	7730	Received by: (Signature	re)	Mas	n	_	Date		.2		Time	00	_		ā	bove 0 bu	t less that quent da	100000000000000000000000000000000000000
Relinquish	ed by: (Signature	=)		Date	Time	Received by: (Signatu	rej=				Date	-			Time						Use Onl	
																					ved on i	
Relinquish	ed by: (Signature	2)		Date	Time	Received by: (Signatu	re)				Date				Time						Y/N	
Sample Mat	rix: S - Soil, Sd - So	olid, Sg - Sluc	lge, A - Aque	ous, O - Other			Cont	ainer T	Туре:	g - g	lass,	p - pc	oly/pl	astic,	ag - a	ambei	glas	s, v -	VOA			
Note: Sam	oles are discarde	ed 14 days	after results	are reported unless of	other arrangements are	made. Hazardous samp														analysis of	the above	samples is

applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech Inc.

Printed: 5/21/2025 9:45:40AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	05/21/25	08:00	Work Order ID:	E505237
Phone:	(505) 382-1211	Date Logged In:	05/20/25	15:31	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	05/28/25	17:00 (4 day TAT)		
Chain of	Custody (COC)					
1. Does t	he sample ID match the COC?		Yes			
2. Does t	he number of samples per sampling site location ma	atch the COC	Yes			
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: Courier		
4. Was th	e COC complete, i.e., signatures, dates/times, reque	ested analyses?	Yes			
5. Were a	all samples received within holding time?		Yes			
	Note: Analysis, such as pH which should be conducted i.e, 15 minute hold time, are not included in this disucss				Comment	ts/Resolution
Sample '	Furn Around Time (TAT)				<u> </u>	
	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample (
	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was th	e sample(s) received intact, i.e., not broken?		Yes			
	custody/security seals present?		No			
	, were custody/security seals intact?		NA			
-	ne sample received on ice?					
12. Was u	Note: Thermal preservation is not required, if samples a	re received within	Yes			
	15 minutes of sampling					
13. See C	COC for individual sample temps. Samples outside	of 0°C-6°C will be	recorded	in comments.		
Sample (<u>Container</u>					
14. Are a	queous VOC samples present?		No			
15. Are V	OC samples collected in VOA Vials?		NA			
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA			
17. Was a	a trip blank (TB) included for VOC analyses?		NA			
18. Are r	on-VOC samples collected in the correct container	s?	Yes			
19. Is the	appropriate volume/weight or number of sample conta	iners collected?	Yes			
Field La	<u>bel</u>					
	field sample labels filled out with the minimum int	formation:				
	ample ID?		Yes			
	Oate/Time Collected? Collectors name?		Yes Yes			
	Preservation		108			
	the COC or field labels indicate the samples were	reserved?	No			
	ample(s) correctly preserved?		NA			
	filtration required and/or requested for dissolved n	netals?	No			
	ase Sample Matrix		· -			
	the sample have more than one phase, i.e., multiph	ase?	No			
	s, does the COC specify which phase(s) is to be ana		NA			
		1,200.	INA			
	ract Laboratory	9	N-			
	amples required to get sent to a subcontract laborate	•	No	0.1 4 4 1 1 314		
	a subcontract laboratory specified by the client and	ii so wiio?	NA	Subcontract Lab: NA		
Client I	<u>nstruction</u>					
						S

Date

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



APPENDIX E

NMSLO Cultural Resources Cover Sheet



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

NMSLO Cultural Resources Cover Sheet Exhibit

NMCRIS Activity Number:

Exhibit Type (select one)

(if applicable)

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

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

Archaeological Survey

Findings:

Negative - No further archaeological review is required.

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

Comments:

Project Details:

NMSLO Lease Number (if available):

Cultural Resources Consultant:

Project Proponent (Applicant):

Project Title/Description:

Project Location:

County(ies):

PLSS/Section/Township/Range):

For NMSLO Agency Use Only:

NMSLO Lease Number:

Acknowledgment-Only:

Lease Analyst:

Date Exhibit Routed to Cultural Resources Office:

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

Form Revised 12 22



APPENDIX F

NMOCD Correspondence

From: <u>Maxwell, Ashley, EMNRD</u>
To: <u>Ashley Giovengo</u>

Cc: Raley, Jim; Chad Hamilton; Cole Burton; Bratcher, Michael, EMNRD

Subject: FW: [EXTERNAL] Extension Request - Devon Energy Production Company, LP -TGR Pipeline Spill - Incident

Number nAPP2434748534

Date: Monday, March 10, 2025 1:26:49 PM

Attachments: <u>image001.png</u> <u>image002.png</u>

image002.prig

20250303 TGRPipelineSpill fig2 v5 JV.pdf

Some people who received this message don't often get email from ashley.maxwell@emnrd.nm.gov. <u>Learn why</u> this is important

[**EXTERNAL EMAIL**]

Good Morning,

Your extension request of June 9, 2025, has been approved. Please include this email in all subsequent reports.

Ashley Maxwell • Environmental Specialist Environmental Bureau Projects Group

EMNRD - Oil Conservation Division 1000 Rio Brazos Road | Aztec, NM 87110

505.635.5000 | Ashley.Maxwell@emnrd.nm.gov

http://www.emnrd.state.nm.us/OCD/

Effective 12/1/2024: OCD has updated guidance on karst potential occurrence zones. This notice can be found at: https://www.emnrd.nm.gov/ocd/ocd-announcements-and-

notifications/ under "2024 OCD ANNOUNCEMENTS AND NOTIFICATIONS".

The Digital C-141 guidance documents can be found at

https://www.emnrd.nm.gov/ocd/ocd-announcements-and-notifications/ or https://www.emnrd.nm.gov/ocd/ocd-forms/.

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

Sent: Monday, March 10, 2025 1:22 PM

To: Maxwell, Ashley, EMNRD <Ashley.Maxwell@emnrd.nm.gov> **Cc:** Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>

Subject: FW: [EXTERNAL] Extension Request - Devon Energy Production Company, LP -TGR Pipeline

Spill - Incident Number nAPP2434748534

From: Ashley Giovengo agiovengo@ensolum.com>

Sent: Monday, March 10, 2025 12:14 PM

To: Enviro, OCD, EMNRD < OCD.Enviro@emnrd.nm.gov>; Raley, Jim < jim.raley@dvn.com> **Cc:** Chad Hamilton < chamilton@ensolum.com>; Cole Burton < cburton@ensolum.com>

Subject: [EXTERNAL] Extension Request - Devon Energy Production Company, LP -TGR Pipeline Spill -

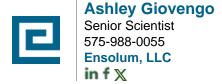
Incident Number nAPP2434748534

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

All,

Devon Energy Production Company, LP (Devon) is requesting an extension for the current deadline of March 11, 2025, for submitting a remediation work plan or closure report required in 19.15.29.12.B.(1) NMAC at the TGR Pipeline Spill (Site) (Incident Number nAPP2434748534). The release occurred on December 11, 2024, and 55 barrels (bbls) of produced water were onto a pipeline right-of-way (ROW); 0 bbls of produced water were recovered. The release impacted an area approximately 12,512 square feet in size on State Trust Land managed by the New Mexico State Land Office. A Right-of-Entry Permit was approved on February 07, 2025, and the surface lessee was notified of the pending excavation work. Lateral and vertical delineation sampling in accordance with the strictest Closure Criteria has been completed at the Site. Excavation of the subject matter release will begin as soon as Devon selects a subcontractor to complete excavation activities. Devon intends to submit a remediation work plan or closure report, upon reviewing laboratory analytical results from confirmation soil sampling activities. Devon respectfully requests a 90-day extension until June 09, 2025.

Kind Regards,



"Your authenticity is your superpower." – Unknown

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

Phone: (505) 629-6116
Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS

Action 454498

QUESTIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	454498
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites							
Incident ID (n#)	nAPP2434748534						
Incident Name	NAPP2434748534 TGR PIPELINE SPILL @ 30-025-42277						
Incident Type	Produced Water Release						
Incident Status	Initial C-141 Approved						
Incident Well	[30-025-42277] TAIPAN 10 STATE COM #008H						

Location of Release Source					
Site Name	TGR PIPELINE SPILL				
Date Release Discovered	12/11/2024				
Surface Owner	State				

Sampling Event General Information							
Please answer all the questions in this group.							
What is the sampling surface area in square feet	14,413						
What is the estimated number of samples that will be gathered	112						
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/25/2025						
Time sampling will commence	09:00 AM						
Please provide any information necessary for observers to contact samplers	Please contact Cole Burton @ 575-706-5056						
Please provide any information necessary for navigation to sampling site	32.30948, -103.56722						

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

CONDITIONS

Action 454498

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	454498
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Create By		Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/22/2025

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

QUESTIONS

Action 454499

QUESTIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	454499
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites	
Incident ID (n#)	nAPP2434748534
Incident Name	NAPP2434748534 TGR PIPELINE SPILL @ 30-025-42277
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-42277] TAIPAN 10 STATE COM #008H

Location of Release Source	
Site Name	TGR PIPELINE SPILL
Date Release Discovered	12/11/2024
Surface Owner	State

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	14,413	
What is the estimated number of samples that will be gathered	112	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/28/2025	
Time sampling will commence	09:00 AM	
Please provide any information necessary for observers to contact samplers	Please contact Cole Burton @ 575-706-5056	
Please provide any information necessary for navigation to sampling site	32.30948, -103.56722	

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

CONDITIONS

Action 454499

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	454499
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Create By		Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/22/2025

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

QUESTIONS

Action 454500

QUESTIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	454500
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites	
Incident ID (n#)	nAPP2434748534
Incident Name	NAPP2434748534 TGR PIPELINE SPILL @ 30-025-42277
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-42277] TAIPAN 10 STATE COM #008H

Location of Release Source	
Site Name	TGR PIPELINE SPILL
Date Release Discovered	12/11/2024
Surface Owner	State

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	14,413	
What is the estimated number of samples that will be gathered	112	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/29/2025	
Time sampling will commence	09:00 AM	
Please provide any information necessary for observers to contact samplers	Please contact Cole Burton 575-706-5056	
Please provide any information necessary for navigation to sampling site	32.30948, -103.56722	

General Information Phone: (505) 629-6116

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

CONDITIONS

Action 454500

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	454500
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Cre:	ated		Condition Date
jra	ley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/22/2025

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

QUESTIONS

Action 454501

QUESTIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	454501
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites		
Incident ID (n#)	nAPP2434748534	
Incident Name	NAPP2434748534 TGR PIPELINE SPILL @ 30-025-42277	
Incident Type	Produced Water Release	
Incident Status	Initial C-141 Approved	
Incident Well	[30-025-42277] TAIPAN 10 STATE COM #008H	

Location of Release Source	
Site Name	TGR PIPELINE SPILL
Date Release Discovered	12/11/2024
Surface Owner	State

Sampling Event General Information			
Please answer all the questions in this group.			
What is the sampling surface area in square feet	14,413		
What is the estimated number of samples that will be gathered	112		
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/30/2025		
Time sampling will commence	09:00 AM		
Please provide any information necessary for observers to contact samplers	Please contact Cole Burton @ 575-706-5056		
Please provide any information necessary for navigation to sampling site	32.30948, -103.56722		

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

CONDITIONS

Action 454501

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	454501
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Cre:	ated		Condition Date
jra	ley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/22/2025

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

QUESTIONS

Action 454502

QUESTIONS

ı	Operator:	OGRID:
ı	DEVON ENERGY PRODUCTION COMPANY, LP	6137
ı	333 West Sheridan Ave.	Action Number:
ı	Oklahoma City, OK 73102	454502
ı		Action Type:
ı		[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites		
Incident ID (n#)	nAPP2434748534	
Incident Name	NAPP2434748534 TGR PIPELINE SPILL @ 30-025-42277	
Incident Type	Produced Water Release	
Incident Status	Initial C-141 Approved	
Incident Well	[30-025-42277] TAIPAN 10 STATE COM #008H	

Location of Release Source	
Site Name	TGR PIPELINE SPILL
Date Release Discovered	12/11/2024
Surface Owner	State

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	14,413	
What is the estimated number of samples that will be gathered	112	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/01/2025	
Time sampling will commence	09:00 AM	
Please provide any information necessary for observers to contact samplers	Please Contact Cole Burton @ 575-706-5056	
Please provide any information necessary for navigation to sampling site	32.30948, -103.56722	

General Information Phone: (505) 629-6116

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

CONDITIONS

Action 454502

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	454502
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Cre:	ated		Condition Date
jra	ley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/22/2025

State of New Mexico Energy, Minerals and Natural Resources Phone: (505) 629-6116 **Oil Conservation Division** Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us 1220 S. St Francis Dr. **Santa Fe, NM 87505**

QUESTIONS

Action 471565

QUESTIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	471565
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

Prerequisites	
Incident ID (n#)	nAPP2434748534
Incident Name	NAPP2434748534 TGR PIPELINE SPILL @ 30-025-42277
Incident Type	Produced Water Release
Incident Status	Reclamation Report Received
Incident Well	[30-025-42277] TAIPAN 10 STATE COM #008H

Location of Release Source	
Please answer all the questions in this group.	
Site Name	TGR PIPELINE SPILL
Date Release Discovered	12/11/2024
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	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 Flow Line - Production Produced Water Released: 55 BBL Recovered: 0 BBL Lost: 55 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)	Produced water gathering line had failure allowing release of approx. 55 bbls to ROW surface off location. SLO and OCD notified via email.	

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

QUESTIONS, Page 2

Action 471565

QUESTI	ONS (continued)
Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave.	OGRID: 6137 Action Number:
Oklahoma City, OK 73102	471565 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.	e. gas only) are to be submitted on the C-129 form.
Initial Response	
The responsible party must undertake the following actions immediately unless they could create a s	
The source of the release has been stopped The impacted area has been secured to protect human health and the environment	True True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releathe OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 06/06/2025

Phone: (505) 629-6116

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

QUESTIONS, Page 3

Action 471565

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	471565
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approva release discovery date.	l and beyond). This information must be provided to the appropriate district office no later than 90 days after the
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 1000 (ft.) and ½ (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	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	Greater than 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		
Please answer all the questions that apply or are indicated. This information must be provided to the	Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes	
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination as	ssociated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Was this release entirely contained within a lined containment area	No	
Soil Contamination Sampling: (Provide the highest observable value for each, in millig	rams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	16700	
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	1662	
GRO+DRO (EPA SW-846 Method 8015M)	1070	
BTEX (EPA SW-846 Method 8021B or 8260B)	0	
Benzene (EPA SW-846 Method 8021B or 8260B)	0	
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.		
On what estimated date will the remediation commence	04/24/2025	
On what date will (or did) the final sampling or liner inspection occur	05/01/2025	
On what date will (or was) the remediation complete(d)	05/01/2025	
What is the estimated surface area (in square feet) that will be reclaimed	14836	
What is the estimated volume (in cubic yards) that will be reclaimed	3214	
What is the estimated surface area (in square feet) that will be remediated	14836	
What is the estimated volume (in cubic yards) that will be remediated	3214	
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.		

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

Released to Imaging: 6/10/2025 3:21:47 PM

General Information Phone: (505) 629-6116

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

QUESTIONS, Page 4

Action 471565

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	471565
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Remediation Plan (continued)		
e appropriate district office no later than 90 days after the release discovery date.		
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:		
(Select all answers below that apply.)		
Yes		
HALFWAY DISPOSAL AND LANDFILL [fEEM0112334510]		
Not answered.		

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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

I hereby agree and sign off to the above statement

I hereby agree and sign off to the above statement

I hereby agree and sign off to the above statement

Email: jim.raley@dvn.com

Date: 06/06/2025

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

General Information Phone: (505) 629-6116

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

QUESTIONS, Page 5

Action 471565

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	471565
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

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

Phone: (505) 629-6116

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

QUESTIONS, Page 6

Action 471565

QUESTIONS (COITHINGE)	QUESTIONS ((continued)
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Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	471565
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	454503
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/02/2025
What was the (estimated) number of samples that were to be gathered	112
What was the sampling surface area in square feet	14413

Remediation Closure Request		
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.		
Requesting a remediation closure approval with this submission	Yes	
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Was this release entirely contained within a lined containment area	No	
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes	
What was the total surface area (in square feet) remediated	14836	
What was the total volume (cubic yards) remediated	3214	
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	14836	
What was the total volume (in cubic yards) reclaimed	3214	
Summarize any additional remediation activities not included by answers (above)	Remediation Complete	

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

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

Name: James Raley
Title: EHS Professional
Email: jim.raley@dvn.com
Date: 06/06/2025

General Information
Phone: (505) 629-6116
Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS, Page 7

Action 471565

QUESTIONS (continued)

DEVON ENERGY PRODUCTION COMPANY, LP	OGRID: 6137	
333 West Sheridan Ave. Oklahoma City, OK 73102	Action Number: 471565	
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)	
QUESTIONS		
Reclamation Report		
Only answer the questions in this group if all reclamation steps have been completed.		
Requesting a reclamation approval with this submission	Yes	
What was the total reclamation surface area (in square feet) for this site	14836	
What was the total volume of replacement material (in cubic yards) for this site	3214	
	if four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 over must include a top layer, which is either the background thickness of topsoil or one foot of suitable material	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes	
On what (estimated) date will (or was) the reseeding commence(d)	06/30/2025	
Summarize any additional reclamation activities not included by answers (above)	Area reclaimed	
	reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form nt field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13	
to report and/or file certain release notifications and perform corrective actions for release the OCD does not relieve the operator of liability should their operations have failed to water, human health or the environment. In addition, OCD acceptance of a C-141 repo	knowledge and understand that pursuant to OCD rules and regulations all operators are required asses which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface rt does not relieve the operator of responsibility for compliance with any other federal, state, or tially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed ing 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: 06/06/2025

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS, Page 8

Action 471565

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	471565
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

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 471565

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	471565
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

Created By	Condition	Condition Date
michael.buchanan	The remediation and reclamation closure is approved.	6/10/2025
michael.buchanan	All revegetation activities will need to be documented and included in the revegetation report. The revegetation report will need to include: An executive summary of the revegetation activities including: Seed mix, Method of seeding, dates of when the release area was reseeded, information pertinent to inspections, information about any amendments added to the soil, information on how the vegetative cover established meets the life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds per 19.15.29.13 D.(3) NMAC, and any additional information; a scaled Site Map including area that was revegetated in square feet; and pictures of the revegetated areas during reseeding activities, inspections, and final pictures when revegetation is achieved.	6/10/2025
michael.buchanan	A revegetation report will not be accepted until revegetation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	6/10/2025