

September 23, 2025

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

Re: Remediation Work Plan Parkway Gathering Leak

Incident Number: nAPP2510026094

API: 30-015-22367

Eddy County, New Mexico

To Whom it May Concern:

Ensolum, LLC (Ensolum), on behalf of Devon Energy Production Company, LP (Devon), has prepared this *Remediation Work Plan* (*RWP*) to document assessment and soil sampling activities performed at the Parkway Gathering Leak (Site) and proposing additional remedial actions. The purpose of the Site assessment and soil sampling activities was to address waste-containing soil resulting from a produced water release. Devon is submitting this *RWP*, describing analytical results from soil sampling activities associated with Incident Number nAPP2510026094 and proposing excavation of the subject matter release prior to submitting a *Closure Request*.

BACKGROUND

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

On April 08, 2025, a valve on a gathering line failed which resulted in the release of approximately 22 barrels (bbls) of produced water into a pipeline right-of-way (ROW). Devon reported the release to the New Mexico Oil Conservation Division (NMOCD) via web portal on April 10, 2025, and submitted a Initial C-141 Report (C-141) on April 15, 2025. The release was assigned Incident Number nAPP2510026094.

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 is described below. Potential Site receptors are identified on Figure 1.

Depth to groundwater at the Site is estimated to be greater than 100 feet below ground surface (bgs) based on a soil boring drilled for determination of regional groundwater depth. The closest permitted groundwater well with depth to groundwater data is New Mexico Office of the State Engineer (NMOSE) permitted soil boring CP-2084 POD1, located approximately 0.48 miles northwest of the Site. The soil boring was advanced to a total depth of 105 feet bgs with no water encountered, confirming regional

Ensolum, LLC | Environmental, Engineering & Hydrogeologic Consultants 3122 National Park Highway | Carlsbad, NM 88220 | ensolum.com Devon Energy Production Company, LP Remediation Work Plan Parkway Gathering Leak



depth to groundwater is greater than 105 feet bgs. There are no regional or Site-specific hydrogeological conditions, such as shallow surface water, karst features, wetlands, or vegetation to suggest the Site is conducive to shallower groundwater. All wells used for depth to groundwater determination are presented in Figure 1. The referenced Well Record & Log is included in Appendix A.

The closest continuously flowing or significant watercourse to the Site is an intermittent dry wash, located approximately 0.58 miles north of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is underlain by unstable geology (critical potential karst designation area).

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 B).

A desktop environmental review was completed by CEHMM Conservation & Environmental Services and resources indicate threatened or endangered cactus species (Scheer's beehive cactus) are potentially present in the area near the Site (see Appendix C).

On July 4, 2025, Ensolum commissioned a desktop survey, aerial survey, and geophysical karst survey using a Bureau of Land Management (BLM) approved third-party cave/karst contractor. The karst survey was conducted by Advanced Geophysics, under the supervision of Kaleb Henry. Two anomalies were identified during the aerial survey; however, field verification determined these anomalies to be a result of low-lying topography and dense vegetation. The karst survey report is included in Appendix D. Based on the findings of the karst survey, unstable geology and/or potential conduits to groundwater through karst features appear to be absent and as such, Devon respectfully requests the critical karst potential not be considered as a sensitive Site receptor.

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

- 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

Excavation and soil sampling activities (if warranted) will be completed in accordance with 19.15.29 NMAC.

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

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SITE ASSESSMENT AND DELINEATION SOIL SAMPLING ACTIVITIES

Beginning on May 14, 2025, Ensolum personnel were onsite to delineate the lateral extent of the release as indicated by field observations and information provided in the C-141. A total of nine lateral soil samples (SS01 through SS09) were collected at ground surface and 1-foot bgs just beyond the edge of the observed release extent. On May 15, 2025, and May 21, 2025, five boreholes (BH01 through BH05) were advanced via hand auger within the release extent to assess the vertical extent of the release. Borehole BH01 was advanced to a terminal depth of 12 feet bgs. Borehole BH02 was advanced to a terminal depth of 9 feet bgs. Borehole BH03 was advanced to a terminal depth of 15 feet bgs. Boreholes BH04 was advanced to a terminal depth of 1-foot bgs. Borehole BH05 was advanced to a terminal depth of 2 feet bgs. On August 29, 2025, Ensolum contracted H&R Enterprises, LLC to advance borehole BH03 to a terminal depth of 21 feet bgs with an air rotary drilling rig. Delineation soil samples were collected from each borehole at depths ranging from 0.5 feet to terminal depth. All delineation soil samples were field screened for chloride utilizing Hach® Chloride QuanTab® test strips. Ensolum observed silty sand from the ground surface to a depth of approximately 21 feet bgs. Ensolum did not observe any karst features beneath the Site. Field screening results and observations for the boreholes were logged on lithologic/soil sampling logs, which are included in Appendix E. Photographic documentation of delineation activities is included in Appendix F.

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 constituents of concern (COCs): BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH-GRO, TPH-DRO, and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following EPA Method 300.0.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for lateral delineation soil samples SS01 through SS09 were all in compliance with the strictest Closure Criteria at ground surface and 1-foot bgs. Laboratory analytical results for boreholes BH01 though BH03 indicated chloride concentrations exceeded reclamation requirement in the top 4 feet and in compliance with Site Closure Criteria at a depth of 4 feet bgs. Borehole BH03 was in compliance with the strictest Table I Closure Criteria at the terminal depth of 21 feet bgs. Boreholes BH04 and BH05 were all in compliance with the strictest Table I Closure Criteria at ground surface to a terminal depth of 1-foot and 2 feet bgs, respectively. Laboratory results are summarized in Table 1 and laboratory analytical reports are included in Appendix G.

PROPOSED REMEDIATION WORK PLAN

The delineation soil sampling results indicate soil containing chloride concentrations exceeding reclamation requirements exist across an approximate 3,014-square-foot area and extends to depths of 4 feet bgs. Devon proposes to complete excavation activities at the Site according to the following actions:

Excavation of waste-containing soil will be conducted to a maximum depth of 4 feet bgs or until
reclamation requirement is met within the top 4 feet of soils. Excavation will proceed laterally
until sidewall samples confirm COC concentrations are compliant with the reclamation
requirement set forth in 19.15.29.13 NMAC. Up to 556 cubic yards of waste-containing soil is
expected to be excavated and will be transported to an approved disposal facility. The proposed
excavation extent and estimated depths are shown on Figure 3.

Devon Energy Production Company, LP Remediation Work Plan Parkway Gathering Leak



- Confirmation samples will be collected at a frequency of one composite soil sample every 200 square feet from the floor and sidewalls of the excavation. Confirmation soil samples will be analyzed for all COCs listed above.
- The excavation will be backfilled and recontoured to match pre-existing conditions and will be reseeded with a seed mixture approved by the NMSLO.
- Drilling activities associated with borehole BH03 indicated karst features were not observed beneath the Site and as such, Devon does not believe additional karst surveys are warranted for this Site.

Devon will complete the proposed excavation and soil sampling activities within 180 days of the date of approval of this *RWP* by the NMOCD.

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

Sincerely, **Ensolum, LLC**

Cole Burton Project Manager

Cele Buston

Jim Raley, Devon

NMSLO

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

Appendices:

CC:

Figure 1 Site Receptor Map

Figure 2 Delineation Soil Sample Locations
Figure 3 Proposed Excavation Extent
Table 1 Soil Sample Analytical Results

Appendix A Well Record and Log

Appendix B NMSLO Cultural Resources Cover Sheet

Appendix C Desktop Environmental Review

Appendix D Karst Survey Report

Appendix E Lithologic Soil Sampling Logs

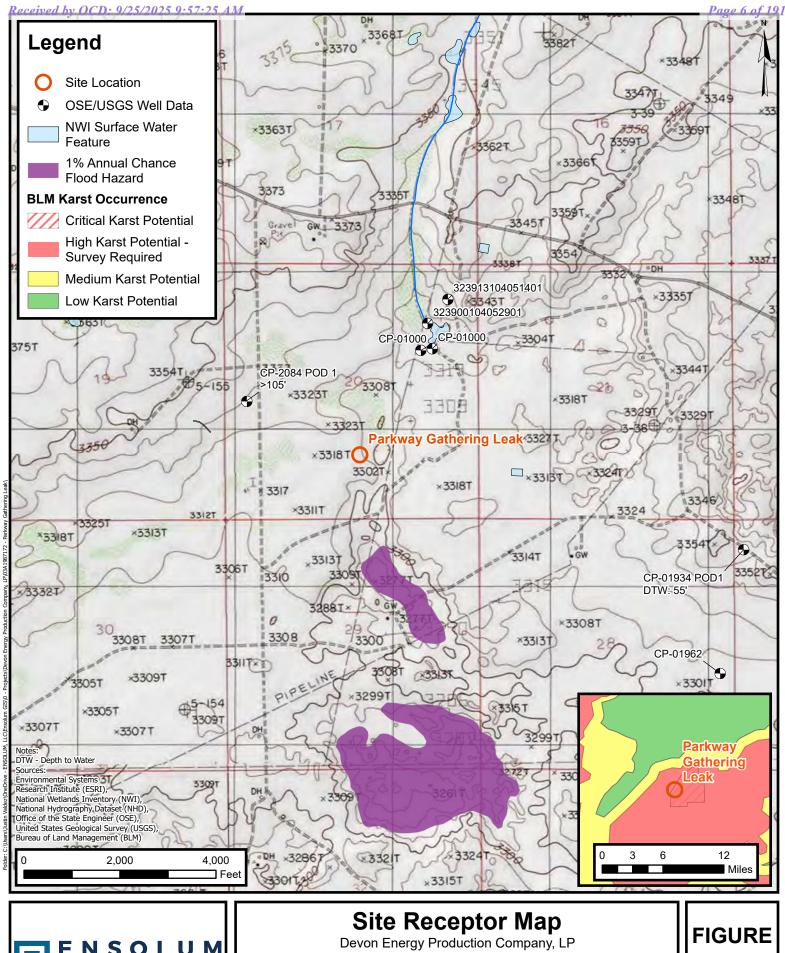
Appendix F Photographic Log

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

Appendix H NMOCD Correspondence



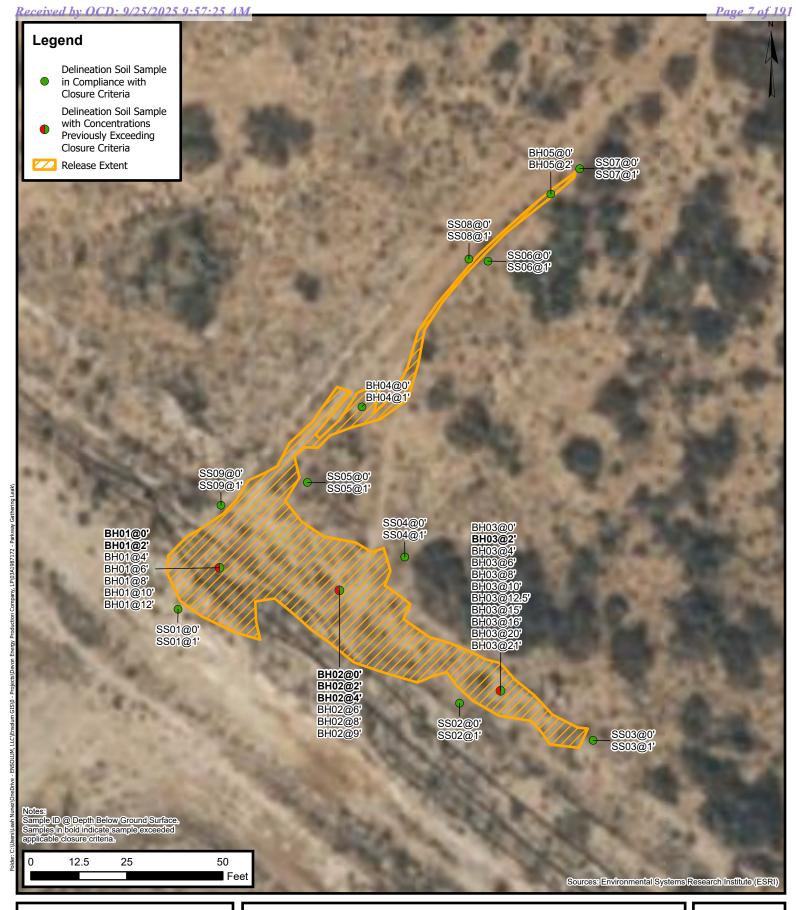
FIGURES





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

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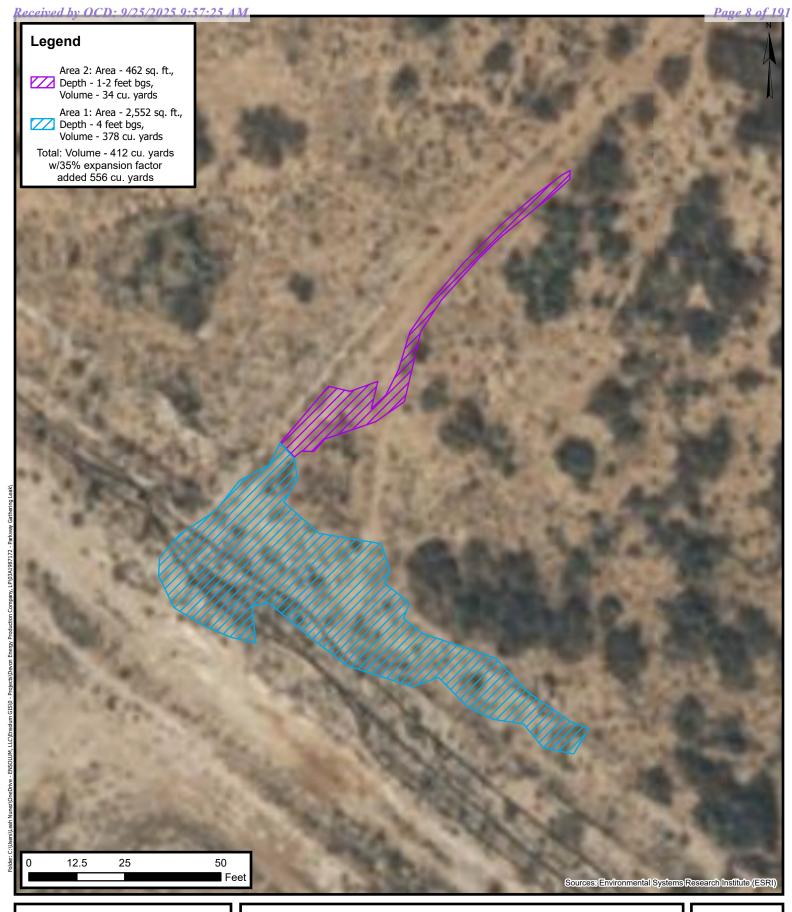




Delineation Soil Sample Locations

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

FIGURE 2





Proposed Excavation Extent

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

FIGURE 3

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TABLES



TABLE 1

SOIL SAMPLE ANALYTICAL RESULTS

Parkway Gathering Leak
Devon Energy Production Company, LP
Eddy County, New Mexico

Eddy County, New Mexico										
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
	NMOCD Table I Reclamation Requirement (NMAC 19.15.29.13.D)			50	NE	NE	NE	NE	100	600
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	20,000
				Delin	eation Soil Sar	nples				
SS01	5/14/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<100
SS01	5/14/2025	1	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<200
SS02	5/14/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<100
SS02	5/14/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS03	5/14/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<100
SS03	5/14/2025	1	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS04	5/14/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<100
SS04	5/14/2025	1	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	34.9
SS05	5/14/2025	0	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS05	5/14/2025	1	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	269
SS06	5/14/2025	0	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS06	5/14/2025	1	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS07	5/14/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS07	5/14/2025	1	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	22.4
SS08	5/14/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS08	5/14/2025	1	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS09	5/14/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	212
SS09	5/14/2025	1	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<200
BH01	5/15/2025	0	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,520
BH01	5/15/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	16,000
BH01	5/15/2025	4	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	14,100
BH01	5/15/2025	6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	11,100
BH01	5/15/2025	8	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	11,200
BH01	5/21/2025	10	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	15,600
BH01	5/21/2025	12	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	6,510
BH02	5/15/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,640
BH02	5/15/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	14,000
BH02	5/15/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	11,500
BH02	5/15/2025	6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	11,500
BH02	5/15/2025	8	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	12,000
BH02	5/21/2025	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	12,200



TABLE 1

SOIL SAMPLE ANALYTICAL RESULTS

Parkway Gathering Leak
Devon Energy Production Company, LP
Eddy County, New Mexico

					, ocurry, rich in	37.100				
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)
	le I Reclamation MAC 19.15.29.13	•	10	50	NE	NE	NE	NE	100	600
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
				Delir	neation Soil San	nples				
BH03	5/15/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	296
BH03	5/15/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	6,010
BH03	5/15/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	10,400
BH03	5/21/2025	6	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	8,690
BH03	5/21/2025	8	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	8,470
BH03	5/21/2025	10	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	11,500
BH03	5/21/2025	12.5	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	9,140
BH03	5/22/2025	15	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	10,900
BH03	8/29/2025	16	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	5,850
BH03	8/29/2025	20	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	293
BH03	8/29/2025	21	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	226
BH04	5/15/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<40.0
BH04	5/15/2025	1	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	105
BH05	5/15/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH05	5/15/2025	2	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	41.5

Notes:

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

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated Red text represents samples that exceed Closure Criteria

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

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

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.



APPENDIX A

Well Record and Log



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

	OSE POD NO. (WELL NO.) Pod 1				WELL TAG ID NO).		OSE FIL CP-208	SE FILE NO(S). P-2084					
WELL OWNER NAME(S) Devon Energy Production Company, LP								PHONE	(OPTIO	ONAL)				
-	WELL OWNER 5315 Buena									STATI		ZIP		
F	WELL LOCATION L		TTUDE	GREES 32	MINUTES 38	SECONI 44.67		* ACCL	JRACY	REQUIRED: ONE TENT	TH OF A	SECOND		
	(FROM GPS)	1		104	6	15.00	84 W	* DATU	JM REC	QUIRED: WGS 84				
	DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHJIP, RANGE) WHERE AVAILABLE S20 T19s R39e													
Ī	LICENSE NO. WD-186	62	NAME OF LICENSED		ames Hawley					NAME OF WELL DRILLING COMPANY H&R Enterprises, LLC				
DRILLING STARTED DRILLING ENDED 8-27-25 8-27-25				DEPTH OF COM	PLETED WELL (1 105'	FT)		LE DEPTH	I (FT)	DEPTH WATER FIRS	DEPTH WATER FIRST ENCOUNTERED (FT) $$\mathrm{N/A}$$			
-	COMPLETED V	VELL IS:	ARTESIAN *add Centralizer info bel	DRY HOLE	HOLE SHALLOW (UNCONFINED) STATIC WATER LEVEL IN COMPLETED WELL IN									
DRILLING FLUID: AIR MUD ADDITIVES – SPECIFY:														
	DRILLING MET	THOD: 🗸	ROTARY HAMM	MER CABLE	TOOL OT	HER – SPECI	FY:			CHECK HERE IF PITLESS ADAPTE INSTALLED				
	FROM TO DIAM			CASING MATERIAL AND/OR GRADE (include each casing string, and		CASING CONNECTION TYPE		INSIDE DIAM.		CASING WALL THICKNESS (inches)				
	0'	105'	(inches)	10.75572	note sections of screen) No casing left in hole			upling diameter)		(inches)		(menes)	(inche	
		103		110 00	ong rere in nore									
I														
	12 -4													
ŀ						-		_			_		-	
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										1 - 3				
	DEPTH (fe	eet bgl)	BORE HOLE	LIST ANNUL	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE- RANGE BY INTERVAL			SIZE-	AMOUNT			METHOD OF		
1	FROM	DIAM (inches)			ralizers for Arte	sian wells- ii		e spacing	below) (cubic feet)			PLACEMENT		
-				1 =		N/A								
1														
ŀ	-										-			
1	-													
			4											
	1 1													
_	OSE INTERN	AL USE				1.0				0 WELL RECORD	& LOC	(Version 09/	22/2022	
	NO.				POD N	10.	-		TRN			1	Dan	
	ATION							WELL 1	TAGI	DNO		PAGI	E 1 OF	

PAGE 2 OF 2

WELL TAG ID NO.

	DEPTH (fe	et bgl)	342.2.4	COLOR AND TYPE OF	MATERIAL ENCOUN	TERED -	WAT	ER	ESTIMATED YIELD FOR
	FROM	то	THICKNESS (feet)	INCLUDE WATER-BEARING (attach supplemental s			BEARI (YES /	NG?	WATER- BEARING ZONES (gpm
	0'	5'	5'	Sa	ndy Caliche		Y	√ N	
1	5'	10'	5'		Sand		Y	√ N	
1	10'	15'	5'	Brov	n Sandy Clay		Y	✓ N	
1	15'	25'	10'		Sand		Y	√ N	
Ī	25'	70'	45'	Brov	n Sandy Clay		Y	✓ N	
1	70'	80'	10'		Sand		Y	✓ N	
1	80'	90'	10'	Reddi	sh Brown Clay		Y	√ N	
	90'	105'	15'	Sar	dy Red Clay		Y	✓ N	
1							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	
							Y	N	
	METHOD U	SED TO E	ESTIMATE YIELD	OF WATER-BEARING STRATA		1	OTAL ESTIM	ATED	
	PUMP				CIFY: DTGW Bore		WELL YIELD	(gpm):	0.00
	WELL TEST	TEST	T RESULTS - ATT. RT TIME, END TI	ACH A COPY OF DATA COLLEC ME, AND A TABLE SHOWING D	TED DURING WELL ISCHARGE AND DRA	TESTING, INCL WDOWN OVER	UDING DISCI	HARGE G PERIO	METHOD, DD.
IEST; KIG SUFERVISION	MISCELLAN	NEOUS IN	W	pth to groundwater bore was gas is removed, bore hole was back jured from 10' BGS to surface. I	illed with drill cutting	2-25, DTGW bo g to 10' BGS. H	re was dry. T ydrated bento	empora onite hol	ry well casing e plug was
3. 1 53 1	PRINT NAM Nathan Sme		DRILL RIG SUPER	VISOR(S) THAT PROVIDED ON	SITE SUPERVISION C	F WELL CONST	TRUCTION O	THER TI	HAN LICENSE
and to the	CORRECT F	RECORD	OF THE ABOVE I	IES THAT, TO THE BEST OF HI DESCRIBED HOLE AND THAT H O DAYS AFTER COMPLETION (E OR SHE WILL FILE OF WELL DRILLING:	GE AND BELIE THIS WELL RE	CORD WITH	THE ST	IS A TRUE AN ATE ENGINE
310	(1	XI). h-	James Haw	ey		9-8	3-25	
ó		SIGNA	TURE OF BRILLE	R / PRINT SIGNEE NAME				DATE	
:01	R OSE INTERI	NAL USE				WR-20 WELI	RECORD &	LOG (Ve	ersion 09/22/202
	E NO.			POD NO		TRN NO.			

LOCATION



APPENDIX B

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 B

Environmental Desktop Review



ENSOLUM, LLC.

DEVON PARKWAY GATHERING LEAK

DESKTOP ENVIRONMENTAL REVIEW

04/10/2025

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Summary	
Recommendations	
Figure 1: Overview Map of the Parkway Gathering Leak	
Figure 2: SSPS Overview Map of the Parkway Gathering Leak	

SUMMARY

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

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

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

MITIGATIONS

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



Figure 1: Overview Map of the Parkway Gathering Leak



Figure 2: SSPS Overview Map of the Parkway Gathering Leak



APPENDIX C

Karst Survey Report

Aerial and Geophysical Cave and Karst Investigation: Parkway Gathering

Report Delivered: 07/07/2025

Prepared for: 3122 National Parks HWY Carlsbad, NM 88220

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



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Executive summary

Introduction

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

Findings

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

Recommendations

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

Conclusions

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



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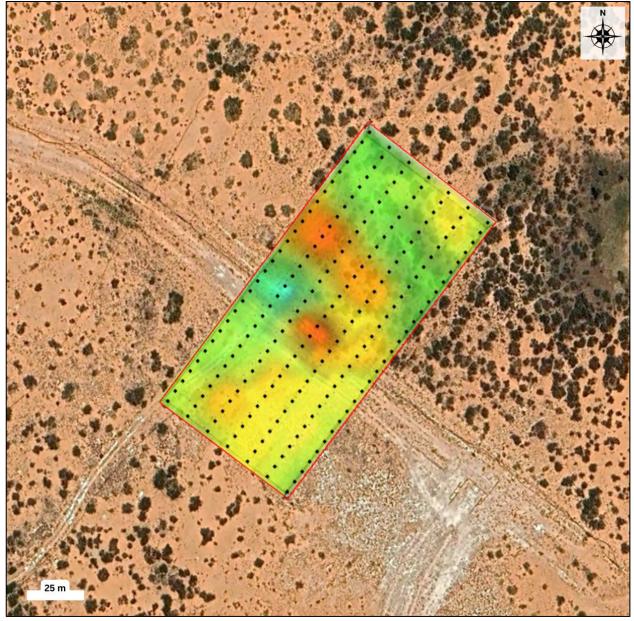


Figure A. Aerial view of the location of the release with integrated geophysical overlay, illustrating the results of the electrical resistivity survey.

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1.0 INTRODUCTION

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

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

1.1 Summary of Results

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

1.2 Site Location

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



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1.3 Bureau of Land Management Characterization

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

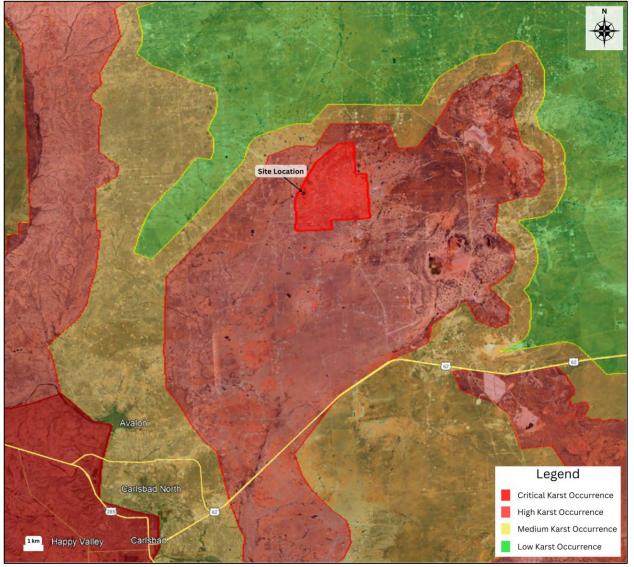


Figure 1. Aerial overview of the site location, illustrating the surrounding karst occurrence zones. Map provided by Google Earth in datum WSG-84. Karst occurrence map provided by Bureau of Land Management – Carlsbad Office.

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2.0 LOCAL GEOLOGY AND ENVIRONMENT

2.1 Geologic Setting

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

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

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



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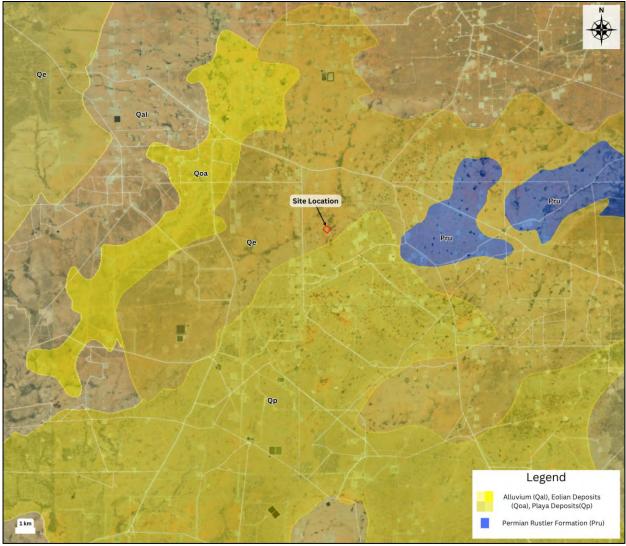


Figure 2. Geologic formations surrounding the site location. Permian Rustler Formation (Pr), Quaternary alluvial, eolian, and playa deposits (Qal, Qoa, Qp). Background image provided by Google Earth in datum WSG-84. Geologic unit overlay provided by the United State Geologic Society (USGS) and the Bureau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

2.2 Environmental Setting

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

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



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

3.0 METHODOLOGY

3.1 Description of Geophysical Survey

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

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

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



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3.2 Description of Aerial Survey

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

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

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

3.3 Electrical Resistivity Theory

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

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

3.3 Survey Results

3.3.1 Aerial Karst Survey

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



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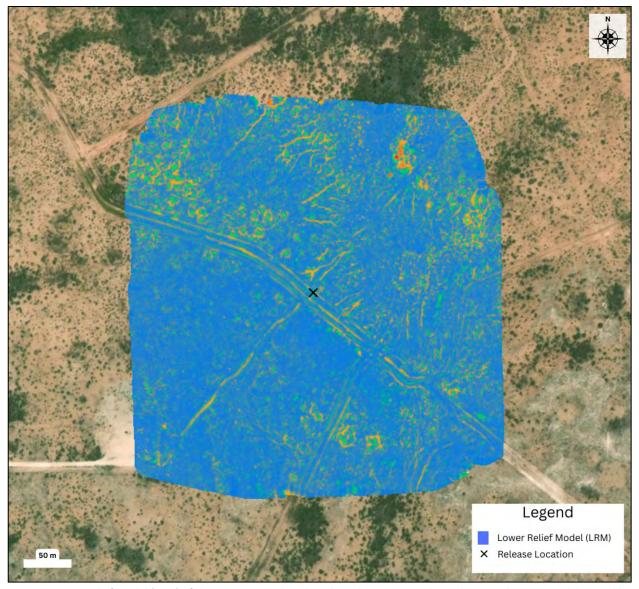


Figure 3. Lower Relief Model (LRM) of the area surrounding the release location near the Parkway Gathering site, delineated by the black X. The blue gradient represents variations in surface elevation, with green indicating areas of higher elevation and orange to red denoting areas of lower elevation.



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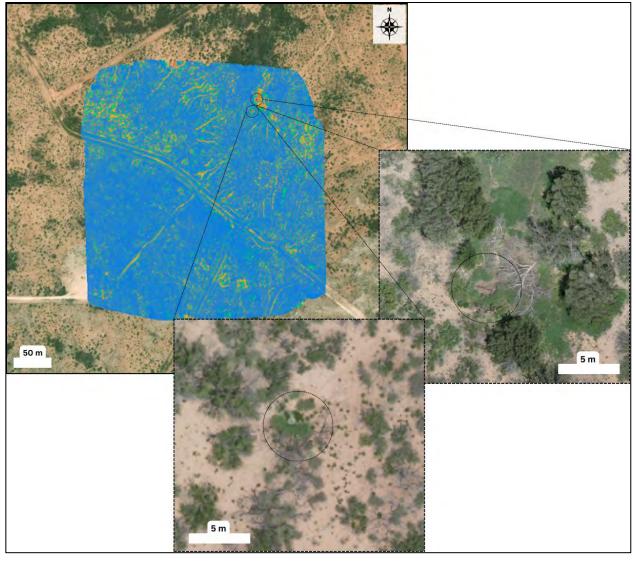


Figure 4. The Lower Relief Model (LRM), in conjunction with orthomosaic imagery, illustrates the anomalies identified during the aerial survey. Field verification confirmed that both anomalies were attributable to low-lying topography and dense vegetation, rather than true surficial karst features.



3.3.2 Geophysical Karst Survey

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

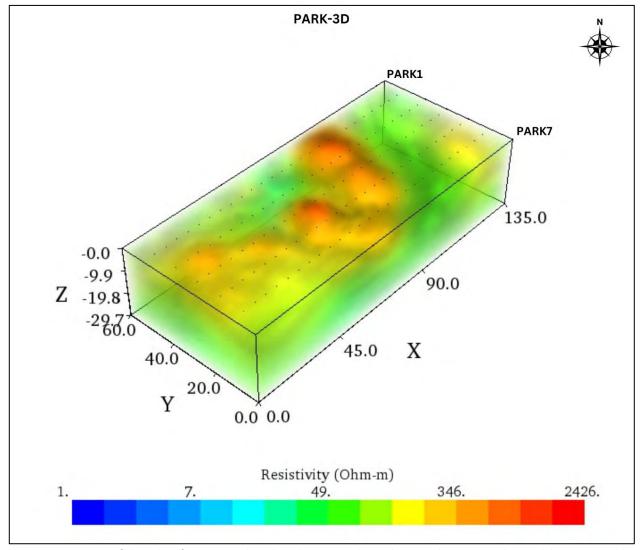


Figure 6. 3-D image of the subsurface surrounding the release near the Parkway Gathering site. This model was created by combining the 2-D resistivity lines PARK1 through PARK7.



4.0 SUMMARY AND RECOMMENDATIONS

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

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

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



5.0 REFERENCES

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6.0 APPENDICES

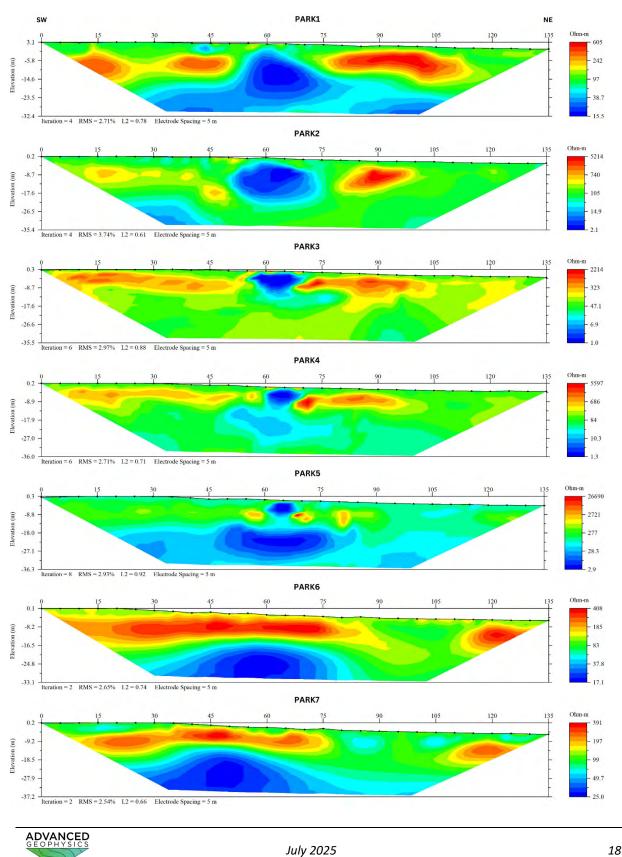
6.1 Electrical Resistivity Data

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

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



6.2 Electrical Resistivity Images



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APPENDIX D

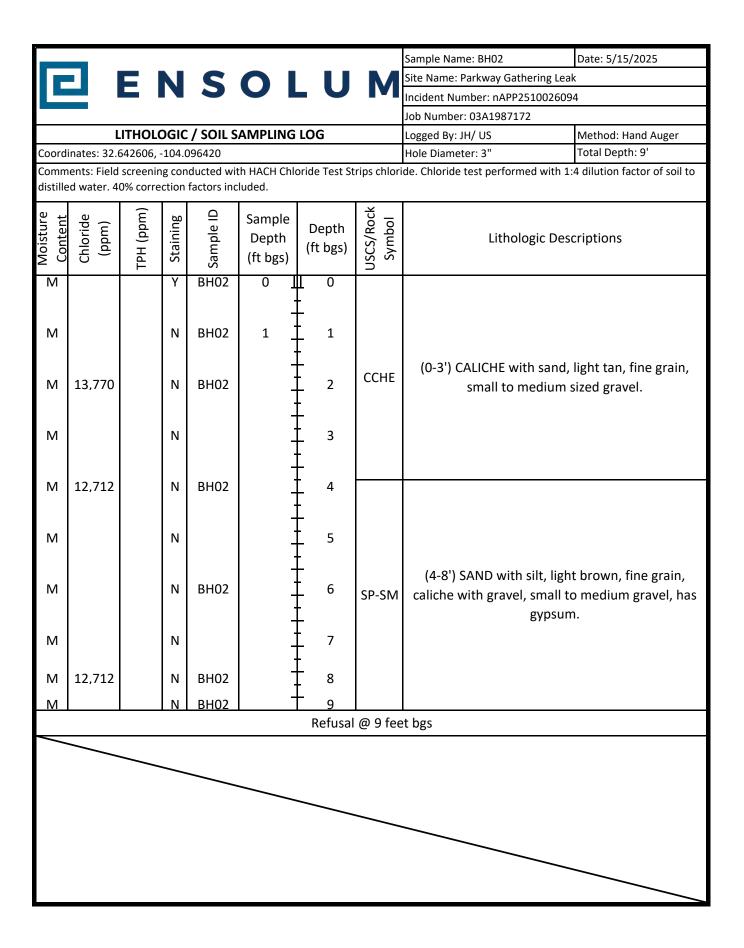
Lithologic Soil Sampling Logs

Sample Name: BH01 Date: 5/15/2025 Site Name: Parkway Gathering Leak Incident Number: nAPP2510026094 Job Number: 03A1987172 LITHOLOGIC / SOIL SAMPLING LOG Logged By: JH/ US Method: Hand Auger Coordinates: 32.642623, -104.096522 Hole Diameter: 3" Total Depth: 12'

Comments: Field screening conducted with HACH Chloride Test Strips chloride. Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factors included.

Moisture Content	Chloride (ppm)	ТРН (ррт)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D M			Y	BH01 BH01	0]	0 1	ССНЕ	(0-1') CALICHE with gravel and light brown sand with silt fine to medium grain.
M	17,645		N	BH01	2 <u> </u>	_ 2 _ _ 3		
M	14,929		N N	ВН01	4 <u>-</u> - - - -	- - 4 - - - 5	CCHE	(2-5') CALICHE, light tan, fine to medium grain, small to medium sized gravel.
M	14,929		N N	BH01	6 <u>-</u> - -	- - - - - - 7		
М	14,929		N	BH01	8 <u>-</u>	- - - 8 -	SP-SM	(6-8') SAND with silt, brown, fine to medium grain, small gravel and gypsum.
D D D	14,9296,787		N N N	BH01 BH01	9 _ - - 11 _ 12	9 - - 11 12		

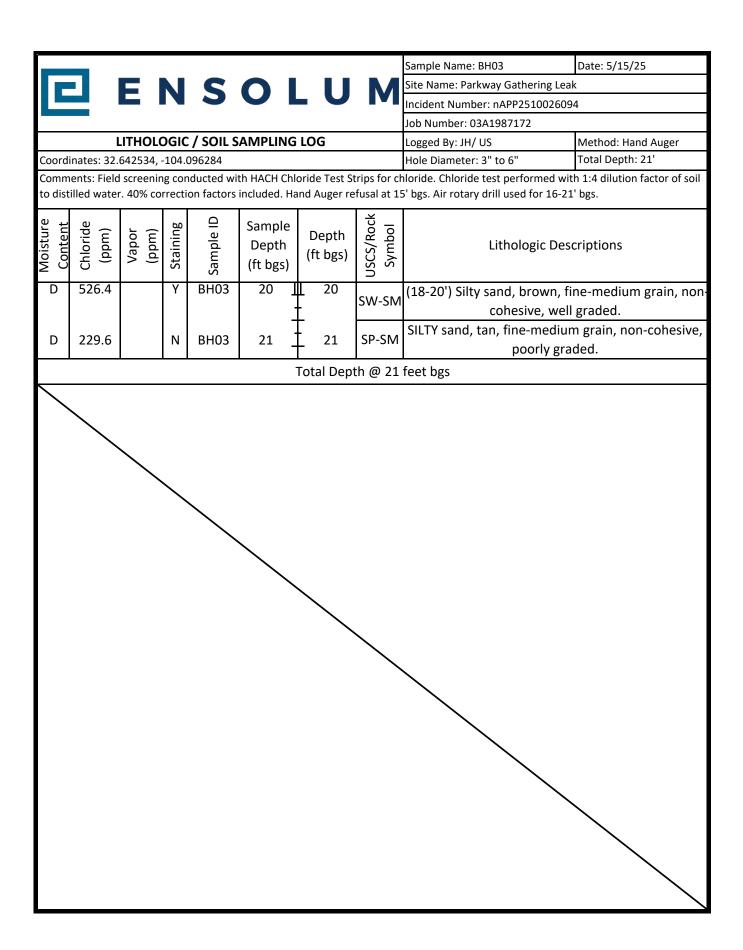
Refusal @ 12 feet bgs

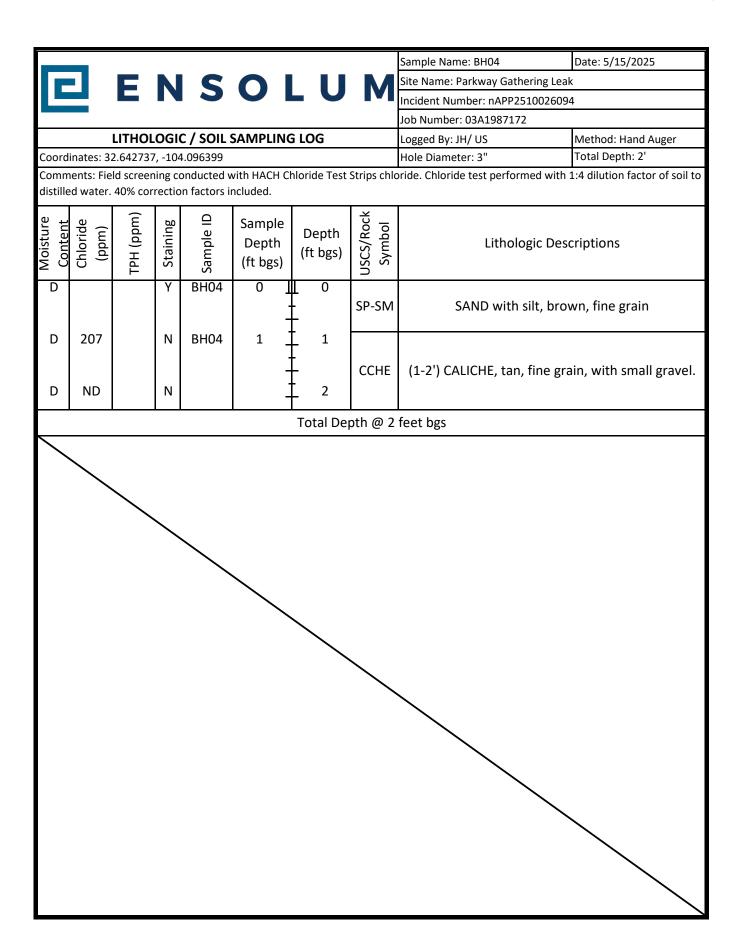


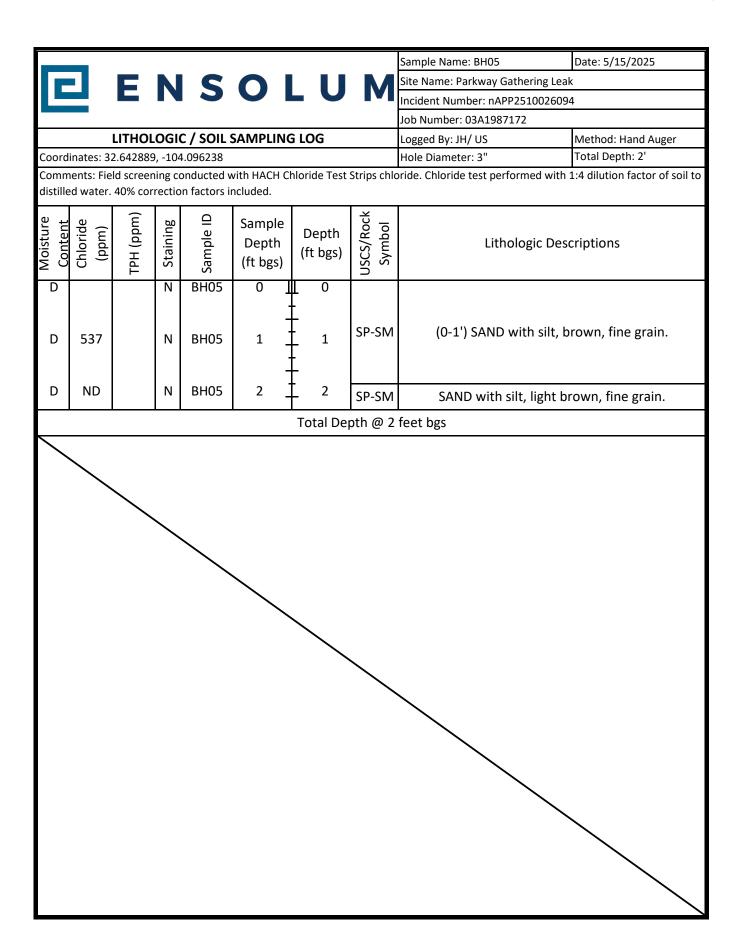
Sample Name: BH03 Date: 5/15/25 Site Name: Parkway Gathering Leak Incident Number: nAPP2510026094 Job Number: 03A1987172 LITHOLOGIC / SOIL SAMPLING LOG Logged By: JH/ US Method: Hand Auger Hole Diameter: 3" to 6" Total Depth: 21'

Comments: Field screening conducted with HACH Chloride Test Strips for chloride. Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factors included. Hand Auger refusal at 15' bgs. Air rotary drill used for 16-21' bgs.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D			Υ	BH03	0 <u>I</u> -	_ 0 - -	SP-SM	SAND with silt, dark brown, fine grain with small gravel.
D			N	BH03	1 _	1		
D	7347		N	BH03	2 _	_ _ 2 _	SP-SM	(1-2') SAND with silt, light brown, fine grain.
D			N		- - -	3 		
D	12,712		N	BH03	4 _	- - 4 -		
D	10,864		N	BH03	7	- - 7		
D	10,864		N	BH03	9 _	- - - 9 -		
D	12,712		N	вн03	12	12	CCHE	CALICHE, tan, with light brown sand, fine grain with small gravel.
D	10,052		N	BH03	13	- 13		
D	10,052		N	BH03	14 <u>-</u>	- _ 14		
D	12,712		N	BH03	15 <u> </u>	- _ 15 -		
D	8,422		N	BH03	16	_ _ 16	SP-SM	SILTY Sand, brown, fine grain, non-cohesive and poorly graded.
D	20,070		N	BH03	18	18	SW-SM	(18-20') Silty sand, brown, fine-medium grain, non- cohesive, well graded.









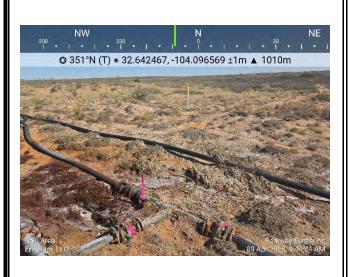
APPENDIX E

Photographic Log



Photographic Log

Devon Energy Production Company, LP
Parkway Gathering Leak
nAPP2510026094





Photograph 1
Description: Spill Area

scription: Spill Area
View: North

Date: 4/9/2025

Photograph 2
Description: Spill area

View: Southeast





Photograph 3
Description: Spill Area

View: Northeast

Date: 4/9/2025

Photograph 4

Description: SS02

View: South

Date: 5/14/2025

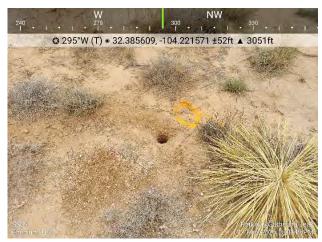
Date: 4/9/2025



Photographic Log

Devon Energy Production Company, LP
Parkway Gathering Leak
nAPP2510026094





Photograph 5
Description: SS05

Date: 5/14/2025

Photograph 6

Date: 5/14/2025

View: North

Description: SS09

View: Northwest





Photograph 7

Date: 5/15/2025

Photograph 8

Date: 5/15/2025

Description: Delineation View: Southeast

Description: Delineation

View: Northeast



Photographic Log

Devon Energy Production Company, LP Parkway Gathering Leak nAPP2510026094





Photograph 9

Description: Delineation View: South

Date: 5/21/2025

Photograph 10

Description: Delineation View: South

Date: 5/21/2025





Photograph 11

Description: Delineation View: Northwest

Date: 5/22/2025

Photograph 12

Description: Delineation

View: Northwest

Date: 8/29/2025



APPENDIX F

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: Parkway Gathering Leak

Work Order: E505178

Job Number: 01058-0007

Received: 5/16/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 5/22/25

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

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

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

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

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

Date Reported: 5/22/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Parkway Gathering Leak

Workorder: E505178

Date Received: 5/16/2025 8:30:22AM

Ashley Giovengo,

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

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

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues 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:	Parkway Gathering Leak	Donoutoda
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	05/22/25 13:13

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



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

SS01-0' E505178-01

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



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

SS01-1'

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



Chloride

Sample Data

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

SS02-0'

		E505178-03				
		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: IY		Batch: 2520113
Benzene	ND	0.0250	1	05/16/25	05/20/25	
Ethylbenzene	ND	0.0250	1	05/16/25	05/20/25	
Toluene	ND	0.0250	1	05/16/25	05/20/25	
o-Xylene	ND	0.0250	1	05/16/25	05/20/25	
p,m-Xylene	ND	0.0500	1	05/16/25	05/20/25	
Total Xylenes	ND	0.0250	1	05/16/25	05/20/25	
Surrogate: 4-Bromochlorobenzene-PID		92.0 %	70-130	05/16/25	05/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: IY		Batch: 2520113
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/25	05/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.2 %	70-130	05/16/25	05/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: NV		Batch: 2520149
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/25	05/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/25	05/19/25	
Surrogate: n-Nonane		119 %	61-141	05/16/25	05/19/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: DT		Batch: 2521003

100

ND

05/19/25

5

05/19/25



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

SS02-1'

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



Sample Data

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

SS03-0'

		E505178-05				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: IY		Batch: 2520113
Benzene	ND	0.0250	1	05/16/25	05/20/25	
Ethylbenzene	ND	0.0250	1	05/16/25	05/20/25	
Toluene	ND	0.0250	1	05/16/25	05/20/25	
o-Xylene	ND	0.0250	1	05/16/25	05/20/25	
p,m-Xylene	ND	0.0500	1	05/16/25	05/20/25	
Total Xylenes	ND	0.0250	1	05/16/25	05/20/25	
Surrogate: 4-Bromochlorobenzene-PID		92.2 %	70-130	05/16/25	05/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: IY		Batch: 2520113
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/25	05/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.8 %	70-130	05/16/25	05/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: NV		Batch: 2520149
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/25	05/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/25	05/19/25	
Surrogate: n-Nonane		118 %	61-141	05/16/25	05/19/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: DT		Batch: 2521003
Chloride	ND	100	5	05/19/25	05/19/25	



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

SS03-1'

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



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

SS04-0'

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



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

SS04-1'

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



Analyte

Benzene

Toluene

o-Xylene

p,m-Xylene

Ethylbenzene

Volatile Organics by EPA 8021B

Sample Data

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

SS05-0' E505178-09

Reporting Result Limit Dilution Prepared Analyzed Notes mg/kg Analyst: IY Batch: 2520113 mg/kg 05/16/25 05/20/25 ND 0.025005/16/25 05/20/25 1 ND 0.0250ND 0.0250 05/16/25 05/20/25 1 05/16/25 05/20/25 ND 0.0250 0.0500 1 05/16/25 05/20/25 ND 05/16/25 05/20/25

Total Xylenes	ND	0.0250		1	05/16/25	05/20/25	
Surrogate: 4-Bromochlorobenzene-PID		92.8 %	70-130		05/16/25	05/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analy	st: IY		Batch: 2520113
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/16/25	05/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.7 %	70-130		05/16/25	05/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analy	st: NV		Batch: 2520149
Diesel Range Organics (C10-C28)	ND	25.0		1	05/16/25	05/20/25	
Dieser Range Organies (C10 C20)	ND	23.0		1	05/16/25	05/20/25	
Oil Range Organics (C28-C36)	ND	50.0		1	05/16/25	05/20/25	
			61-141	1			

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

SS05-1'

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



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

SS06-0'

		E505178-11				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	Analyst: IY			Batch: 2520113
Benzene	ND	0.0250	1	05/16/25	05/19/25	
Ethylbenzene	ND	0.0250	1	05/16/25	05/19/25	
Toluene	ND	0.0250	1	05/16/25	05/19/25	
o-Xylene	ND	0.0250	1	05/16/25	05/19/25	
o,m-Xylene	ND	0.0500	1	05/16/25	05/19/25	
Total Xylenes	ND	0.0250	1	05/16/25	05/19/25	
Surrogate: 4-Bromochlorobenzene-PID		91.4 %	70-130	05/16/25	05/19/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2520113	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/25	05/19/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.8 %	70-130	05/16/25	05/19/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2520149
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/25	05/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/25	05/20/25	
Surrogate: n-Nonane		115 %	61-141	05/16/25	05/20/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: DT		Batch: 2521003
Chloride	ND	20.0	1	05/19/25	05/19/25	



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

SS06-1'

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



Anions by EPA 300.0/9056A

Chloride

Sample Data

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

SS07-0'

		E505178-13					
Reporting							
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2520113	
Benzene	ND	0.0250		1	05/16/25	05/20/25	
Ethylbenzene	ND	0.0250		1	05/16/25	05/20/25	
Toluene	ND	0.0250		1	05/16/25	05/20/25	
o-Xylene	ND	0.0250		1	05/16/25	05/20/25	
p,m-Xylene	ND	0.0500		1	05/16/25	05/20/25	
Total Xylenes	ND	0.0250		1	05/16/25	05/20/25	
Surrogate: 4-Bromochlorobenzene-PID		91.4 %	70-130		05/16/25	05/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY			Batch: 2520113
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/16/25	05/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.9 %	70-130		05/16/25	05/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg		Analyst	: NV		Batch: 2520149
Diesel Range Organics (C10-C28)	ND	25.0		1	05/16/25	05/20/25	
Oil Range Organics (C28-C36)	ND	50.0		1	05/16/25	05/20/25	
Surrogate: n-Nonane		119 %	61-141		05/16/25	05/20/25	

mg/kg

20.0

mg/kg

ND

Analyst: DT

05/19/25

05/19/25



Batch: 2521003

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

SS07-1'

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



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

SS08-0'

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



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

SS08-1'

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



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

SS09-0'

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



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

SS09-1'

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



		<u> </u>	<u> </u>	ary Dat	<u> </u>				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:	0	arkway Gathe 1058-0007 Ishley Giovens				5/2	Reported: 22/2025 1:13:30PM
, , , , , , , , , , , , , , , , , ,				by EPA 802					A. alamata TV
		volatile O	games	by E171 002					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 (2520113-BLK1)							Prepared: 0	5/16/25 Anal	yzed: 05/19/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.01		8.00		87.6	70-130			
LCS (2520113-BS1)							Prepared: 0	5/16/25 Anal	yzed: 05/19/25
Benzene	4.86	0.0250	5.00		97.1	70-130			
Ethylbenzene	4.83	0.0250	5.00		96.5	70-130			
Toluene	4.85	0.0250	5.00		97.1	70-130			
o-Xylene	4.81	0.0250	5.00		96.2	70-130			
o,m-Xylene	9.78	0.0500	10.0		97.8	70-130			
Total Xylenes	14.6	0.0250	15.0		97.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.24		8.00		90.5	70-130			
Matrix Spike (2520113-MS1)				Source:	E505178-1	1	Prepared: 0	5/16/25 Anal	yzed: 05/19/25
Benzene	5.00	0.0250	5.00	ND	99.9	70-130			
Ethylbenzene	4.93	0.0250	5.00	ND	98.6	70-130			
Toluene	4.98	0.0250	5.00	ND	99.6	70-130			
o-Xylene	4.90	0.0250	5.00	ND	97.9	70-130			
p,m-Xylene	9.98	0.0500	10.0	ND	99.8	70-130			
Total Xylenes	14.9	0.0250	15.0	ND	99.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.28		8.00		91.0	70-130			
Matrix Spike Dup (2520113-MSD1)				Source:	E505178-1	1	Prepared: 0	5/16/25 Anal	yzed: 05/19/25
Benzene	5.33	0.0250	5.00	ND	107	70-130	6.42	27	
Ethylbenzene	5.30	0.0250	5.00	ND	106	70-130	7.14	26	
Toluene	5.33	0.0250	5.00	ND	107	70-130	6.69	20	
o-Xylene	5.26	0.0250	5.00	ND	105	70-130	7.13	25	
p,m-Xylene	10.7	0.0500	10.0	ND	107	70-130	7.17	23	
Total Xylenes	16.0	0.0250	15.0	ND	107	70-130	7.16	26	



70-130

Surrogate: 4-Bromochlorobenzene-PID

7.33

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

Artesia NM, 88210		Project Manager		shley Gioveng	go			5/2	22/2025 1:13:30PI
	Non	halogenated	Organics l	by EPA 80	15D - Gl	RO			Analyst: IY
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2520113-BLK1)							Prepared: 0	5/16/25 Ana	yzed: 05/19/25
Gasoline Range Organics (C6-C10)	ND	20.0					1		-
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.71		8.00		96.4	70-130			
LCS (2520113-BS2)							Prepared: 0	5/16/25 Ana	lyzed: 05/19/25
Gasoline Range Organics (C6-C10)	43.0	20.0	50.0		86.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.78		8.00		97.2	70-130			
Matrix Spike (2520113-MS2)				Source:	E505178-	11	Prepared: 0	5/16/25 Ana	lyzed: 05/20/25
Gasoline Range Organics (C6-C10)	45.3	20.0	50.0	ND	90.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.63		8.00		95.3	70-130			
Matrix Spike Dup (2520113-MSD2)				Source:	E505178-	11	Prepared: 0	5/16/25 Ana	lyzed: 05/19/25
Gasoline Range Organics (C6-C10)	47.6	20.0	50.0	ND	95.3	70-130	4.96	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.76		8.00		97.0	70-130			

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

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go				5/22/2025 1:13:30PM
	Nonha	logenated Or	ganics by	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 (2520149-BLK1)							Prepared: 0	5/16/25	Analyzed: 05/19/25
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	57.2		50.0		114	61-141			
LCS (2520149-BS1)							Prepared: 0	5/16/25	Analyzed: 05/19/25
Diesel Range Organics (C10-C28)	337	25.0	250		135	66-144			
urrogate: n-Nonane	63.5		50.0		127	61-141			
Matrix Spike (2520149-MS1)				Source:	E505178-1	11	Prepared: 0	5/16/25	Analyzed: 05/19/25
Diesel Range Organics (C10-C28)	317	25.0	250	ND	127	56-156			
urrogate: n-Nonane	58.5		50.0		117	61-141			
Matrix Spike Dup (2520149-MSD1)				Source:	E505178-1	11	Prepared: 0	5/16/25	Analyzed: 05/19/25
Diesel Range Organics (C10-C28)	351	25.0	250	ND	140	56-156	10.3	20	
Jurrogate: n-Nonane	66.9		50.0		134	61-141			



Chloride

Chloride

Chloride

Matrix Spike (2521003-MS1)

Matrix Spike Dup (2521003-MSD1)

256

252

255

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Project Number: Project Manager	: 01	nrkway Gather 058-0007 shley Gioveng	Ü				Reported: 5/22/2025 1:13:30PM		
		Anions	by EPA 3	300.0/9056 <i>A</i>	A				Analyst: DT	
Analyte	Result	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes	
Blank (2521003-BLK1)						I	Prepared: 0	5/19/25 A	nalyzed: 05/19/25	
Chloride	ND	20.0								
LCS (2521003-BS1)						F	Prepared: 0:	5/19/25 A	nalyzed: 05/19/25	

250

250

250

20.0

100

100

102

101

102

Source: E505178-03

Source: E505178-03

ND

90-110

80-120

80-120

1.27

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

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

20

QC Summary	Report	Comment:

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



Definitions and Notes

Devon Energy - Carlsbad	Project Name:	Parkway Gathering Leak	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	05/22/25 13:13

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



2	
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e e	Analytical Laboratory

Client Information Client: Devon					Invoice Information				Lab Use Only								ГАТ	State		
					Company: De			Lab	WO	#		Job	Numb	er	1	D 20	3D Std	NM	CO UT	TX
Project:	Parthway 6	attening	Leah		Address: 5315	Buena Vista Dr		_ E	50	61	18	DI	58	000	1		×	×		
	Manager: As					Carlsbad NM, 8822	20	_												
	: 3122 Natio				Phone: (575)689-7597					Analysis and Method							EPA Program			
	te, Zip: Carl		88220		Email: jim.raley@dvn.com					777								SDWA	CWA	RCRA
	575-988-005				Miscellaneous:	im Raley			1											
Email: a	giovengo@e	ensolum.c	com			Take 1			15	15								Complian		or N
									by 8015	y 80	12	0	0.0	χ .	2			PWSID#		
		1		Sample Info	mation				RO	RO	V 80	826	e 30	- 50	2	Z	¥	e d	1	
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID		Field	Lab Number	DRO/ORO	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	nerw o wiede	BGDOC - NM	BGDOC - TX	Samle Temp	Rer	marks
0951	Shuhns	Soil	1		SSOI-	6'		1								+		3.0		
1758	1	1	1		101-	[,		2								+		26		
0954					02-	0'		3								1		2.4		
1302					02-	('		4								4		2.0		
0957					03-0)1		5								1		3.2		
1304					63-1			6								4		3.1		
1353					04-			7								4		2.6		
1359					04-	1		8							1	1		2.4		
1002					05 -	0.		9							+	1		37		
1310					105-			10							+	1		3.0		
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Sampled by	: Denna	Lialy l	e	or this sample. Tall an	are triat tampering with	or intentionally mislabeling	rue sa	riple locatio	ii, date	Of time	6 01 00	ilection	i is cons	sidered	auu a	nu may	be grounds for	legal action		
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Sample Ma	trix: S - Soil, Sd - S	Solid, Sg - Slu	dge, A - Aque	ous, O - Other	1	1	Con	tainer Typ	e: g -	glass	p - r	oly/n	lastic.	ag - a	nber	glass.	v - VOA			
				s are reported unless			_				-				_				T 7 AL	1

Client: I		art milori	nation		Inv	oice Information				Lab U	se Or	nly				AT		State
Project:		F 11	377 71		Company: Devon Energy Address: 5315 Buena Vista Dr Lab WO# Job Number 1D 2D 3D Std					CO UT								
	Parkway Manager: As			ah		5 Buena Vista Dr : Carlsbad NM, 8822	00	FO	51	10	DIG	28.0	200	11			x	
	3122 Natio				Phone: (575)68						Ana	lysis	and	Meth	od		E	PA Progra
	te, Zip: Carls	7	88220		Email: jim.rale										-1	1-1	SDWA	CWA
	575-988-005 igiovengo@e		rom		Miscellaneous:	Jim Raley			0 10								Complian	nce Y
19	Hovengoe	.noorani.]	v 801	4		0.0	×	als			PWSID #	2000
				Sample Info	rmation		1 1		RO by	y 802	, 8260	le 300	1 - 500	Met	N.	ř.	ale on	
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID		Field Filter na r	nber 2	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC-NM	BGDOC - TX	Samle	Rer
1004	5/14/2025	Soil	1		06-0	,	1	1							+		2.6	
1313					06-1		17	2							4		2.2	
100 6					07-1	o'	13	3							F	2	3.2	
1316					07-	1,	1	4							+		34	
1007					08-1	0'	1	5							+		3.0	
1319					08-1	1	10	0							1		2.6	
1010					09-6	1	1	7							1		2.8	
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						onzales@ensolum.co										e ciist	mann.com,	
I, (field sam	pler), attest to the	e validity an	d authenticit	y of this sample. I am av	vare that tampering with	or intentionally mislabeling	the sample l	ocation, da	ate or t	ime of c	ollectio	n is co	nsidere	d fraud	and may	be grou	nds for legal action	1.
Relinquish	ed by: (Signatu	re)		Date	Time	Received by: (Signatu	re)	73	Da	te	-		Time		,		Samples	requiring t
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envirotech Inc.

Printed: 5/16/2025 1:37:04PM

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:	05/16/25	08:30	Work Order ID:	E505178
Phone: (505) 382-1211	Date Logged In:	05/15/25	14:56	Logged In By:	Caitlin Mars
Email: agiovengo@ensolum.com	Due Date:	05/22/25	17:00 (4 day TAT)		
Chain of Custody (COC)					
1. Does the sample ID match the COC?		Yes			
2. Does the number of samples per sampling site location ma	tch the COC	Yes			
3. Were samples dropped off by client or carrier?		Yes	Carrier: Courier		
4. Was the COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes			
5. Were all samples received within holding time?		Yes			
Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssi				Comment	s/Resolution
Sample Turn Around Time (TAT)					
6. Did the COC indicate standard TAT, or Expedited TAT?		Yes			
Sample Cooler					
7. Was a sample cooler received?		Yes			
8. If yes, was cooler received in good condition?		Yes			
9. Was the sample(s) received intact, i.e., not broken?		Yes			
10. Were custody/security seals present?		No			
11. If yes, were custody/security seals intact?		NA			
12. Was the sample received on ice?		Yes			
Note: Thermal preservation is not required, if samples ar	e received within	105			
15 minutes of sampling					
13. See COC for individual sample temps. Samples outside o	f 0°C-6°C will be	recorded	in comments.		
Sample Container					
14. Are aqueous VOC samples present?		No			
15. Are VOC samples collected in VOA Vials?		NA			
16. Is the head space less than 6-8 mm (pea sized or less)?		NA			
17. Was a trip blank (TB) included for VOC analyses?		NA			
18. Are non-VOC samples collected in the correct containers	?	Yes			
19. Is the appropriate volume/weight or number of sample contain	ners collected?	Yes			
Field Label					
20. Were field sample labels filled out with the minimum info	ormation:				
Sample ID?		Yes			
Date/Time Collected? Collectors name?		Yes			
Sample Preservation		Yes			
21. Does the COC or field labels indicate the samples were pr	reserved?	No			
22. Are sample(s) correctly preserved?		NA			
24. Is lab filtration required and/or requested for dissolved me	etals?	No			
Multiphase Sample Matrix					
26. Does the sample have more than one phase, i.e., multipha	se?	Na			
27. If yes, does the COC specify which phase(s) is to be analy		No			
	yzcu:	NA			
Subcontract Laboratory					
28. Are samples required to get sent to a subcontract laborato	-	No			
29. Was a subcontract laboratory specified by the client and it	f so who?	NA	Subcontract Lab: NA		
Client Instruction					

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: Parkway Gathering Leak

Work Order: E505201

Job Number: 01058-0007

Received: 5/19/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 5/23/25

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

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

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

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

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

Date Reported: 5/23/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Parkway Gathering Leak

Workorder: E505201

Date Received: 5/19/2025 7:30:17AM

Ashley Giovengo,

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

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

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

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

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Client Representative

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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Parkway Gathering Leak	Donoutoda
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	05/23/25 07:44

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



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

BH01-0' E505201-01

		E303201-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2521007
Benzene	ND	0.0250	1	05/19/25	05/20/25	
Ethylbenzene	ND	0.0250	1	05/19/25	05/20/25	
Toluene	ND	0.0250	1	05/19/25	05/20/25	
o-Xylene	ND	0.0250	1	05/19/25	05/20/25	
p,m-Xylene	ND	0.0500	1	05/19/25	05/20/25	
Total Xylenes	ND	0.0250	1	05/19/25	05/20/25	
Surrogate: 4-Bromochlorobenzene-PID		96.5 %	70-130	05/19/25	05/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2521007
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/25	05/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		105 %	70-130	05/19/25	05/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2521035
Diesel Range Organics (C10-C28)	ND	25.0	1	05/20/25	05/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/20/25	05/21/25	
Surrogate: n-Nonane		103 %	61-141	05/20/25	05/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: JM		Batch: 2521029
Chloride	3520	100	5	05/19/25	05/20/25	

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

BH01-2'

	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analys	t: IY		Batch: 2521007
ND	0.0250	1	05/19/25	05/20/25	
ND	0.0250	1	05/19/25	05/20/25	
ND	0.0250	1	05/19/25	05/20/25	
ND	0.0250	1	05/19/25	05/20/25	
ND	0.0500	1	05/19/25	05/20/25	
ND	0.0250	1	05/19/25	05/20/25	
	99.8 %	70-130	05/19/25	05/20/25	
mg/kg	mg/kg	Analys	t: IY		Batch: 2521007
ND	20.0	1	05/19/25	05/20/25	
	106 %	70-130	05/19/25	05/20/25	
mg/kg	mg/kg	Analys	t: KH		Batch: 2521035
ND	25.0	1	05/20/25	05/21/25	
ND	23.0	-			
ND ND	50.0	1	05/20/25	05/21/25	
		61-141	05/20/25 05/20/25		
	50.0	1 61-141 Analysi	05/20/25	05/21/25	Batch: 2521029
	mg/kg ND ND ND ND ND ND ND ND MD MD MD MD Mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 99.8 % mg/kg mg/kg ND 20.0 106 % mg/kg mg/kg	Result Limit Dilution mg/kg mg/kg Analyst ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 20.050 1 MB/kg mg/kg Analyst MB/kg mg/kg Analyst mg/kg mg/kg Analyst	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IV ND 0.0250 1 05/19/25 ND 0.0250 1 05/19/25 ND 0.0250 1 05/19/25 ND 0.0250 1 05/19/25 ND 0.0500 1 05/19/25 ND 0.0250 1 05/19/25 MD 0.0250 1 05/19/25 mg/kg mg/kg Analyst: IY ND 20.0 1 05/19/25 mg/kg 70-130 05/19/25 mg/kg mg/kg Analyst: KH	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 05/19/25 05/20/25 ND 0.0500 1 05/19/25 05/20/25 ND 0.0250 1 05/19/25 05/20/25 mg/kg 70-130 05/19/25 05/20/25 mg/kg mg/kg Analyst: IY ND 20.0 1 05/19/25 05/20/25 mg/kg Analyst: KH 05/19/25 05/20/25



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

BH01-4'

E505201-03						
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2521007
Benzene	ND	0.0250	1	05/19/25	05/20/25	
Ethylbenzene	ND	0.0250	1	05/19/25	05/20/25	
Toluene	ND	0.0250	1	05/19/25	05/20/25	
o-Xylene	ND	0.0250	1	05/19/25	05/20/25	
p,m-Xylene	ND	0.0500	1	05/19/25	05/20/25	
Total Xylenes	ND	0.0250	1	05/19/25	05/20/25	
Surrogate: 4-Bromochlorobenzene-PID		96.9 %	70-130	05/19/25	05/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2521007
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/25	05/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		108 %	70-130	05/19/25	05/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KH		Batch: 2521035
Diesel Range Organics (C10-C28)	ND	25.0	1	05/20/25	05/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/20/25	05/21/25	
Surrogate: n-Nonane		105 %	61-141	05/20/25	05/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: JM		Batch: 2521029
Chloride	14100	200	10	05/19/25	05/20/25	



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

BH01-6'

E505201-04						
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2521007
Benzene	ND	0.0250	1	05/19/25	05/20/25	
Ethylbenzene	ND	0.0250	1	05/19/25	05/20/25	
Toluene	ND	0.0250	1	05/19/25	05/20/25	
o-Xylene	ND	0.0250	1	05/19/25	05/20/25	
p,m-Xylene	ND	0.0500	1	05/19/25	05/20/25	
Total Xylenes	ND	0.0250	1	05/19/25	05/20/25	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	05/19/25	05/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2521007
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/25	05/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		103 %	70-130	05/19/25	05/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2521035
Diesel Range Organics (C10-C28)	ND	25.0	1	05/20/25	05/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/20/25	05/21/25	
Surrogate: n-Nonane		102 %	61-141	05/20/25	05/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: JM		Batch: 2521029
Chloride	11100	200	10	05/19/25	05/20/25	



Chloride

Sample Data

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

BH01-8'

E505201-05							
		Reporting					
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2521007	
Benzene	ND	0.0250	1	05/19/25	05/20/25		
Ethylbenzene	ND	0.0250	1	05/19/25	05/20/25		
Toluene	ND	0.0250	1	05/19/25	05/20/25		
o-Xylene	ND	0.0250	1	05/19/25	05/20/25		
p,m-Xylene	ND	0.0500	1	05/19/25	05/20/25		
Total Xylenes	ND	0.0250	1	05/19/25	05/20/25		
Surrogate: 4-Bromochlorobenzene-PID		99.4 %	70-130	05/19/25	05/20/25		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2521007	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/25	05/20/25		
Surrogate: 1-Chloro-4-fluorobenzene-FID		105 %	70-130	05/19/25	05/20/25		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2521035	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/20/25	05/21/25		
Oil Range Organics (C28-C36)	ND	50.0	1	05/20/25	05/21/25		
Surrogate: n-Nonane		109 %	61-141	05/20/25	05/21/25		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: JM		Batch: 2521029	

200

10

05/19/25

05/20/25

11200



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

BH02-0'

		E505201-06					
Reporting							
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2521007	
Benzene	ND	0.0250	1	05/19/25	05/20/25		
Ethylbenzene	ND	0.0250	1	05/19/25	05/20/25		
Toluene	ND	0.0250	1	05/19/25	05/20/25		
o-Xylene	ND	0.0250	1	05/19/25	05/20/25		
p,m-Xylene	ND	0.0500	1	05/19/25	05/20/25		
Total Xylenes	ND	0.0250	1	05/19/25	05/20/25		
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	05/19/25	05/20/25		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2521007	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/25	05/20/25		
Surrogate: 1-Chloro-4-fluorobenzene-FID		103 %	70-130	05/19/25	05/20/25		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2521035	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/20/25	05/21/25		
Oil Range Organics (C28-C36)	ND	50.0	1	05/20/25	05/21/25		
Surrogate: n-Nonane		109 %	61-141	05/20/25	05/21/25		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: JM		Batch: 2521029	
Chloride	3640	100	5	05/19/25	05/20/25		



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

BH02-2'

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



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

BH02-4'

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



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

BH02-6'

		E505201-09				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: IY		Batch: 2521007
Benzene	ND	0.0250	1	05/19/25	05/20/25	
Ethylbenzene	ND	0.0250	1	05/19/25	05/20/25	
Toluene	ND	0.0250	1	05/19/25	05/20/25	
o-Xylene	ND	0.0250	1	05/19/25	05/20/25	
p,m-Xylene	ND	0.0500	1	05/19/25	05/20/25	
Total Xylenes	ND	0.0250	1	05/19/25	05/20/25	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	05/19/25	05/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: IY		Batch: 2521007
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/25	05/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	05/19/25	05/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2521035
Diesel Range Organics (C10-C28)	ND	25.0	1	05/20/25	05/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/20/25	05/21/25	
Surrogate: n-Nonane		112 %	61-141	05/20/25	05/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: JM		Batch: 2521029
Chloride	11500	200	10	05/19/25	05/20/25	



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

BH02-8'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY		Batch: 2521007
Benzene	ND	0.0250	1	05/19/25	05/20/25	
Ethylbenzene	ND	0.0250	1	05/19/25	05/20/25	
Toluene	ND	0.0250	1	05/19/25	05/20/25	
o-Xylene	ND	0.0250	1	05/19/25	05/20/25	
p,m-Xylene	ND	0.0500	1	05/19/25	05/20/25	
Total Xylenes	ND	0.0250	1	05/19/25	05/20/25	
Surrogate: 4-Bromochlorobenzene-PID		98.3 %	70-130	05/19/25	05/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2521007
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/25	05/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		109 %	70-130	05/19/25	05/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KH		Batch: 2521035
Diesel Range Organics (C10-C28)	ND	25.0	1	05/20/25	05/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/20/25	05/21/25	
Surrogate: n-Nonane		105 %	61-141	05/20/25	05/21/25	
	mg/kg	mg/kg	Analys	t: JM		Batch: 2521029
Anions by EPA 300.0/9056A	mg/kg	mg/kg	11111175			Battern: 2021029



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

BH03-0'

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



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

BH03-2'

E505201-12

	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analys	st: IY		Batch: 2521007
ND	0.0250	1	05/19/25	05/20/25	
ND	0.0250	1	05/19/25	05/20/25	
ND	0.0250	1	05/19/25	05/20/25	
ND	0.0250	1	05/19/25	05/20/25	
ND	0.0500	1	05/19/25	05/20/25	
ND	0.0250	1	05/19/25	05/20/25	
	102 %	70-130	05/19/25	05/20/25	
mg/kg	mg/kg	Analyst: IY			Batch: 2521007
ND	20.0	1	05/19/25	05/20/25	
	110 %	70-130	05/19/25	05/20/25	
mg/kg	mg/kg	Analys	st: KH		Batch: 2521035
ND	25.0	1	05/20/25	05/21/25	
ND	50.0	1	05/20/25	05/21/25	
ND	50.0	61-141	05/20/25	05/21/25	
ND mg/kg		1 61-141 Analys	05/20/25		Batch: 2521029
	mg/kg ND ND ND ND ND ND ND ND MD Mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 102 % mg/kg mg/kg ND 20.0 110 % mg/kg mg/kg	Result Limit Dilution mg/kg mg/kg Analys ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 Mg/kg mg/kg Analys ND 20.0 1 110 % 70-130 70-130 mg/kg mg/kg Analys	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IV ND 0.0250 1 05/19/25 ND 0.0250 1 05/19/25 ND 0.0250 1 05/19/25 ND 0.0250 1 05/19/25 ND 0.0500 1 05/19/25 ND 0.0250 1 05/19/25 MD 0.0250 1 05/19/25 mg/kg mg/kg Analyst: IY ND 20.0 1 05/19/25 mg/kg 70-130 05/19/25 mg/kg mg/kg Analyst: KH	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 05/19/25 05/20/25 ND 0.0500 1 05/19/25 05/20/25 ND 0.0250 1 05/19/25 05/20/25 mg/kg 70-130 05/19/25 05/20/25 mg/kg mg/kg Analyst: IY ND 20.0 1 05/19/25 05/20/25 mg/kg Analyst: KH 05/19/25 05/20/25



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

BH03-4'

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



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

BH04-0' E505201-14

		20020111				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2521007
Benzene	ND	0.0250	1	05/19/25	05/20/25	
Ethylbenzene	ND	0.0250	1	05/19/25	05/20/25	
Toluene	ND	0.0250	1	05/19/25	05/20/25	
o-Xylene	ND	0.0250	1	05/19/25	05/20/25	
o,m-Xylene	ND	0.0500	1	05/19/25	05/20/25	
Total Xylenes	ND	0.0250	1	05/19/25	05/20/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	05/19/25	05/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2521007	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/25	05/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		108 %	70-130	05/19/25	05/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KH		Batch: 2521035
Diesel Range Organics (C10-C28)	ND	25.0	1	05/20/25	05/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/20/25	05/21/25	
Surrogate: n-Nonane		106 %	61-141	05/20/25	05/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: JM		Batch: 2521029
Chloride	ND	40.0	2	05/19/25	05/20/25	



Chloride

Sample Data

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

BH04-1'

E505201-15						
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: IY		Batch: 2521007
Benzene	ND	0.0250	1	05/19/25	05/20/25	
Ethylbenzene	ND	0.0250	1	05/19/25	05/20/25	
Toluene	ND	0.0250	1	05/19/25	05/20/25	
o-Xylene	ND	0.0250	1	05/19/25	05/20/25	
p,m-Xylene	ND	0.0500	1	05/19/25	05/20/25	
Total Xylenes	ND	0.0250	1	05/19/25	05/20/25	
Surrogate: 4-Bromochlorobenzene-PID		99.8 %	70-130	05/19/25	05/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY Batc		Batch: 2521007	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/25	05/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		109 %	70-130	05/19/25	05/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: KH		Batch: 2521035
Diesel Range Organics (C10-C28)	ND	25.0	1	05/20/25	05/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/20/25	05/21/25	
Surrogate: n-Nonane		110 %	61-141	05/20/25	05/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ai	nalyst: JM		Batch: 2521029

40.0

105

05/19/25

2

05/20/25



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

BH05-0'

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



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

BH05-2'

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



		QC bi	umm	ary Dat	a					
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:	(Parkway Gathe 01058-0007					Reported: 5/23/2025 7:44:33AM	
Artesia ivivi, 88210				Ashley Giovengo					5/25/2025 /:44:33AM	
		Volatile O	rganics	by EPA 802	21B				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 (2521007-BLK1)							Prepared: 05/19/25 Analyzed: 05/20/25			
Benzene	ND	0.0250					-		-	
Ethylbenzene	ND	0.0250								
Toluene	ND	0.0250								
o-Xylene	ND	0.0250								
p,m-Xylene	ND	0.0500								
Total Xylenes	ND	0.0250								
Surrogate: 4-Bromochlorobenzene-PID	7.86	0.0230	8.00		98.2	70-130				
LCS (2521007-BS1)							Prepared: 0	5/19/25 A	analyzed: 05/20/25	
Benzene	6.12	0.0250	5.00		122	70-130				
Ethylbenzene	6.08	0.0250	5.00		122	70-130				
Toluene	6.09	0.0250	5.00		122	70-130				
o-Xylene	6.01	0.0250	5.00		120	70-130				
p,m-Xylene	12.3	0.0500	10.0		123	70-130				
Total Xylenes	18.3	0.0250	15.0		122	70-130				
Surrogate: 4-Bromochlorobenzene-PID	7.73	***************************************	8.00		96.6	70-130				
Matrix Spike (2521007-MS1)				Source: E505201-01		Prepared: 05/19/25 Analyzed: 05/20/25				
Benzene	5.96	0.0250	5.00	ND	119	70-130				
Ethylbenzene	5.91	0.0250	5.00	ND	118	70-130				
Toluene	5.92	0.0250	5.00	ND	118	70-130				
p-Xylene	5.84	0.0250	5.00	ND	117	70-130				
p,m-Xylene	11.9	0.0500	10.0	ND	119	70-130				
Total Xylenes	17.8	0.0250	15.0	ND	119	70-130				
Surrogate: 4-Bromochlorobenzene-PID	7.83		8.00		97.8	70-130				
Matrix Spike Dup (2521007-MSD1)				Source:	E505201-0)1	Prepared: 0	5/19/25 A	analyzed: 05/20/25	
Benzene	5.93	0.0250	5.00	ND	119	70-130	0.634	27		
Ethylbenzene	5.88	0.0250	5.00	ND	118	70-130	0.393	26		
Foluene	5.89	0.0250	5.00	ND	118	70-130	0.508	20		
p-Xylene	5.82	0.0250	5.00	ND	116	70-130	0.406	25		
p,m-Xylene	11.9	0.0500	10.0	ND	119	70-130	0.333	23		
Total Xylenes	17.7	0.0250	15.0	ND	118	70-130	0.357	26		
Surrogate: 4-Bromochlorobenzene-PID	7.96		8.00		99.5	70-130				
mirogaic. 4 Diomocniorobenzene-11D	7.70		0.00			, 0 150				



QC Summary Data

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

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go			5/23	/2025 7:44:33AN
	Non	halogenated	Organics l	by EPA 80	15D - Gl	RO			Analyst: IY
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec	Rec Limits	RPD %	RPD Limit %	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	70	70	70	70	Notes
Blank (2521007-BLK1)							Prepared: 0	5/19/25 Analy	zed: 05/20/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.49		8.00		106	70-130			
LCS (2521007-BS2)							Prepared: 0	5/19/25 Analy	zed: 05/20/25
Gasoline Range Organics (C6-C10)	52.4	20.0	50.0		105	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.43		8.00		105	70-130			
Matrix Spike (2521007-MS2)				Source:	E505201-	01	Prepared: 0	5/19/25 Analy	zed: 05/20/25
Gasoline Range Organics (C6-C10)	54.8	20.0	50.0	ND	110	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.76		8.00		110	70-130			
Matrix Spike Dup (2521007-MSD2)				Source:	E505201-	01	Prepared: 0	5/19/25 Analy	zed: 05/20/25
Gasoline Range Organics (C6-C10)	51.6	20.0	50.0	ND	103	70-130	5.97	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.44		8.00		106	70-130			

QC Summary Data

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

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go				5/23/2025 7:44:33AN
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: KH
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2521035-BLK1)							Prepared: 0	5/20/25 Ai	nalyzed: 05/21/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.7		50.0		103	61-141			
LCS (2521035-BS1)							Prepared: 0	5/20/25 A	nalyzed: 05/21/25
Diesel Range Organics (C10-C28)	274	25.0	250		110	66-144			
Surrogate: n-Nonane	51.3		50.0		103	61-141			
Matrix Spike (2521035-MS1)				Source:	E505201-	02	Prepared: 0	5/20/25 A	nalyzed: 05/21/25
Diesel Range Organics (C10-C28)	281	25.0	250	ND	113	56-156			
Surrogate: n-Nonane	52.0		50.0		104	61-141			
Matrix Spike Dup (2521035-MSD1)				Source:	E505201-	02	Prepared: 0	5/20/25 A	nalyzed: 05/21/25
Diesel Range Organics (C10-C28)	298	25.0	250	ND	119	56-156	5.75	20	
Surrogate: n-Nonane	56.0		50.0		112	61-141			

Chloride

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		Parkway Gather 11058-0007	ring Leak				Reported:
Artesia NM, 88210		Project Manager		Ashley Gioveng	go				5/23/2025 7:44:33AM
		Anions	by EPA	300.0/9056	\				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 (2521029-BLK1)							Prepared: 0	5/19/25 A	nalyzed: 05/20/25
Chloride	ND	20.0							
LCS (2521029-BS1)							Prepared: 0	5/19/25 A	nalyzed: 05/20/25
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2521029-MS1)				Source:	E505201-	01	Prepared: 0	5/19/25 A	nalyzed: 05/20/25
Chloride	2630	100	250	3520	NR	80-120			M4
Matrix Spike Dup (2521029-MSD1)				Source:	E505201-	01	Prepared: 0	5/19/25 A	nalyzed: 05/20/25

250

100

3520

NR

80-120

2.77

20

2560

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:	Parkway Gathering Leak	
l	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
l	Artesia NM, 88210	Project Manager:	Ashley Giovengo	05/23/25 07:44

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

associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Page 28 of 30

2e	nviro	tech
	Analytical	Laboratory

Released to Imaging: 11/6/2025 8:54:05 AM

Chain of Custody Wo # 1040174501

	Clie	nt Inforn	nation			Invoice Info	rmation			-	Lab	Use C	nly				TAT D 2D 3D Std			Sta	te
Client: D	Devon				Compa	ny: Devon Energ	gv	- li	ab W	Ω#		Job	Nun	ber		1D	2D	3D Std	NM	CO UT	TX
	Pachway	Guthe	ing Le	616		ss: 5315 Buena V	-		EGC	5	201		058		7			х	x		
	Manager: As			100		tate, Zip: Carlsba	The Second State of the Second	1		-		10.	-								
	3122 Natio					(575)689-7597						Ar	alysi	and	Met	hod			E	PA Progr	am
	te, Zip: Carls					jim.raley@dvn.c	om			T		T	Ť		7				SDWA	CWA	RCRA
	575-988-005					neous: Jim Raley								1. 1) i		111				
	giovengo@e		com		Iviiscent	incous. sim maicy				2	50								Complian	ce Y	or N
						-			3	by 8015	801		0		Is		100		PWSID #		
				Sample In	formation				-	0 by	o by	8260	300	D- 20	Meta		MM	×	0 Q	h i	
Time Sampled	Date Sampled	Matrix	No. of Containers		Sam	nple ID	Field	Lat Num	ber 8	DRO/ORO	GRO/DRO by 8015	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX	Samle Temp	Re	marks
1043	Shishne	SFIL	1		B	401-0.		1									+		3.1		
1052			1			01-2'		2									1		3.4		
III						01-4'		3									+		3.2		
1434						01-6		4									1		2.8		
1606						101-8		5									7		3.0		
1128					13	H02-0'		6									L		3.4		
1136						02-2		7									7		3.6		
1201						02-4		8									4		3.4		
1622						02-6'		9									X		3.0		
1635	J	J	7	100	1	102-8		IC)								1		3.1		
						iovengo@ensolu											on@	ensolun	n.com,		
I, (field same		e validity and				com, igonzales@opering with or intention											may b	e grounds fo	or legal action		
	ed by: (Signatu			Date	Time	Regelive	d by: (Signature)	C Car A	1 10	C. C	Date		4	Time		4			Samples r	equiring	thermal
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Relinguish	ed by Signatu	e)	les	517-25	Time	3D Receive	d by (Si hature)	Mar	n	_ 6	5.1	9.2	5	Time	13	0			50111111111		ampled or e at a temp
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Relinquish	ed by: (Signatu	re)		Date	Time	Receive	ed by: (Signature)			C	Date			Time						NI	
Sample Mat	rix: S - Soil, Sd - S	olid, Sg - Slu	dge, A - Aque	ous, O - Other			Co	ontainer	Type:	g-g	lass, p	- poly	/plast	ic, ag	- amb	oer gla	ass, v	- VOA			
						gements are made. H OC. The liability of th									client	expe	nse. T	he report	for the anal	sis of the	above

	Cli	ent Inforn	nation		In	voice Information				La	b Use	e On	ly				TAT			State
	Parhway			Yn_		5 Buena Vista Dr		Lab V	b W0# Job Number 56520 01058.0007							1D 20	30	Std x	NM ×	CO UT
	Manager: A : 3122 Nati				Phone: (575)6	p: Carlsbad NM, 88220	_	Г				A	Lasta			- 31				
2.00	te, Zip: Car				Email: jim.ral				-			Ana	iysis	and I	Meth	oa	1		SDWA	PA Progra
	575-988-00		OOLLO		Miscellaneous:		_	-									1	1	SUVA	CVVA
	giovengo@		om		Twisecilaricous.	Sitt Naicy			s	100					М				Compliand	ce Y
					-			-	by 8015	801			0	5	2			1 1	PWSID#	
				Sample Info	rmation				O by	O by	8021	3260	300.	XT-2	Neta	Σ	×			
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID	0	Filter	Lab mber	DRO/ORO	GRO/DRO by 8015	BTEX by 8	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX		Samle Temp	Rem
1203	Sistem	ssoil	1		B403	-0'	1	1								-			3.6	
1210			1		03	1-2'	1	2								4			3.8	
1143					V 03	1-4'	1	3								-			3.4	
1245					BH04	-0'	1	4								4			36	
1249					104	-11	1	5								+		1	3.2	
1320					BHOS	0-0'	10	0		f						+			3.7	
1337					1.69	5-2'	1.	7	1							1			34	
bmoir@ I, (field sam Sampled by	ensolum.co	he validity and	@ensolu	ım.com, akone@	ensolum.com, jge	o@ensolum.com, jim.ra onzales@ensolum.com h or intentionally mislabeling the	, rrai@ sample	ensoli location,	date (com, or time	oade	erint	o@e	rsolu	m.cc	m				
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	ed by: (Signatu			Date	Time	Received by: (Signature)				Date				ime				at	bove 0 but subsec	less than
Relinquish	ed by: (Signati	ıre)		Date	Time	Received by: (Signature)				Date			3	ime					Lab	Use Onl
	ed by: (Signati			Date															HECEI	N

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: 5/19/2025 10:27:07AM

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:	05/19/25	07:30		Work Order ID:	E505201
Phone:	(505) 382-1211	Date Logged In:	05/16/25			Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	05/23/25	17:00 (4 day TAT	")		
Chain of	Custody (COC)						
1. Does th	ne sample ID match the COC?		Yes				
2. Does th	ne number of samples per sampling site location ma	tch the COC	Yes				
3. Were 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?		Yes				
	Note: Analysis, such as pH which should be conducted in i.e., 15 minute hold time, are not included in this disucss					Comment	s/Resolution
	COC : I'v I TATE		37				
	COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C			***				
	sample cooler received?		Yes				
•	was cooler received in good condition?		Yes				
	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes	were custody/security seals intact?		NA				
12. Was th	e sample received on ice?		Yes				
	Note: Thermal preservation is not required, if samples a 15 minutes of sampling						
13. See C	OC for individual sample temps. Samples outside of	of 0°C-6°C will be	recorded	in comments.			
Sample (
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers		Yes				
19. Is the	appropriate volume/weight or number of sample contain	ners collected?	Yes				
Field Lab							
	field sample labels filled out with the minimum inf	ormation:	V				
	ample ID? ate/Time Collected?		Yes				
	ollectors name?		Yes Yes				
	reservation		103				
	the COC or field labels indicate the samples were p	reserved?	No				
	ample(s) correctly preserved?		NA				
	filtration required and/or requested for dissolved m	etals?	No				
	se Sample Matrix						
	the sample have more than one phase, i.e., multipha	ise?	No				
	, does the COC specify which phase(s) is to be anal		NA				
		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	Subcontract L	ab: NA		
Client In	<u>istruction</u>						

Date

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

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





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Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Parkway Gathering Leak

Work Order: E505261

Job Number: 01058-0007

Received: 5/23/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 5/30/25

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

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

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

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

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

Date Reported: 5/30/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Parkway Gathering Leak

Workorder: E505261

Date Received: 5/23/2025 7:30:00AM

Ashley Giovengo,

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

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

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues 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:	Parkway Gathering Leak	Donoutoda
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	05/30/25 09:34

Client Sample ID	Lab Sample ID Matr	ix Sampled	Received	Container
BH01-10'	E505261-01A Soil	05/21/25	05/23/25	Glass Jar, 2 oz.
BH01-12'	E505261-02A Soi	05/21/25	05/23/25	Glass Jar, 2 oz.
BH02-9'	E505261-03A Soi	05/21/25	05/23/25	Glass Jar, 2 oz.
BH03-6'	E505261-04A Soi	05/21/25	05/23/25	Glass Jar, 2 oz.
BH03-8'	E505261-05A Soil	05/21/25	05/23/25	Glass Jar, 2 oz.
BH03-10'	E505261-06A Soil	05/21/25	05/23/25	Glass Jar, 2 oz.
BH03-12.5'	E505261-07A Soil	05/21/25	05/23/25	Glass Jar, 2 oz.



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

BH01-10' E505261-01

		E303201-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2521150
Benzene	ND	0.0250	1	05/23/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/23/25	05/28/25	
Toluene	ND	0.0250	1	05/23/25	05/28/25	
o-Xylene	ND	0.0250	1	05/23/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/23/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/23/25	05/28/25	
Surrogate: 4-Bromochlorobenzene-PID		91.2 %	70-130	05/23/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2521150
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/25	05/28/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.3 %	70-130	05/23/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2522032
Diesel Range Organics (C10-C28)	ND	25.0	1	05/28/25	05/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/28/25	05/28/25	
Surrogate: n-Nonane		112 %	61-141	05/28/25	05/28/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: JM		Batch: 2522015
Chloride	15600	400	20	05/27/25	05/27/25	

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

BH01-12'

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



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

BH02-9'

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



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

BH03-6'

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



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

BH03-8'

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



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

BH03-10'

		E505261-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: SL		Batch: 2521150
Benzene	ND	0.0250	1	05/23/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/23/25	05/28/25	
Toluene	ND	0.0250	1	05/23/25	05/28/25	
o-Xylene	ND	0.0250	1	05/23/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/23/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/23/25	05/28/25	
Surrogate: 4-Bromochlorobenzene-PID		92.4 %	70-130	05/23/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2521150
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/25	05/28/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.2 %	70-130	05/23/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2522032
Diesel Range Organics (C10-C28)	ND	25.0	1	05/28/25	05/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/28/25	05/28/25	
Surrogate: n-Nonane		111 %	61-141	05/28/25	05/28/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: JM		Batch: 2522015
Chloride	11500	400	20	05/27/25	05/27/25	



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

BH03-12.5' E505261-07

		E303201-07				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: SL	·	Batch: 2521150
Benzene	ND	0.0250	1	05/23/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/23/25	05/28/25	
Toluene	ND	0.0250	1	05/23/25	05/28/25	
o-Xylene	ND	0.0250	1	05/23/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/23/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/23/25	05/28/25	
Surrogate: 4-Bromochlorobenzene-PID		91.7 %	70-130	05/23/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: SL		Batch: 2521150
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/23/25	05/28/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.4 %	70-130	05/23/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: NV		Batch: 2522032
Diesel Range Organics (C10-C28)	ND	25.0	1	05/28/25	05/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/28/25	05/28/25	
Surrogate: n-Nonane		112 %	61-141	05/28/25	05/28/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: JM		Batch: 2522015
Chloride	9140	400	20	05/27/25	05/27/25	



QC Summary Data

Parkway Gathering Leak Devon Energy - Carlsbad Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Ashley Giovengo 5/30/2025 9:34:57AM **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 (2521150-BLK1) Prepared: 05/23/25 Analyzed: 05/28/25 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 7.18 8.00 89.8 70-130 LCS (2521150-BS1) Prepared: 05/23/25 Analyzed: 05/28/25 4.63 92.6 70-130 5.00 Benzene 0.0250 Ethylbenzene 4.54 0.0250 5.00 90.8 70-130 4.61 0.0250 5.00 92.1 70-130 Toluene o-Xylene 4.54 0.0250 5.00 90.7 70-130 9.20 10.0 92.0 70-130 0.0500 p.m-Xvlene 91.6 13.7 15.0 70-130 Total Xylenes 0.0250 8.00 90.0 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.20 Matrix Spike (2521150-MS1) Source: E505261-01 Prepared: 05/23/25 Analyzed: 05/28/25 5.29 0.0250 5.00 ND 70-130 Benzene ND 104 70-130 Ethylbenzene 5.18 0.0250 5.00 Toluene 5.26 0.0250 5.00 ND 105 70-130 ND 103 70-130 5.15 5.00 0.0250 o-Xylene p,m-Xylene 10.5 0.0500 10.0 ND 105 70-130 15.6 0.0250 15.0 ND 70-130 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.20 8.00 Matrix Spike Dup (2521150-MSD1) Source: E505261-01 Prepared: 05/23/25 Analyzed: 05/28/25 5.47 0.0250 5.00 ND 70-130 3.40 27 ND 70-130 3.23 5.35 0.0250 5.00 107 26 Ethylbenzene 3 22 Toluene 5 43 0.0250 5.00 ND 109 70-130 20 5.30 5.00 ND 106 70-130 2.89 25 o-Xylene 0.0250 2.94 23 10.8 10.0 ND 108 70-130 p,m-Xylene 0.0500 Total Xylenes 16.1 0.0250 15.0 ND 107 70-130 2.92 26

8.00

91.1

70-130



Surrogate: 4-Bromochlorobenzene-PID

7.29

Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

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

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go			5	/30/2025 9:34:57AN			
Nonhalogenated Organics by EPA 8015D - GRO Analyst: SL												
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	N.			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes			
Blank (2521150-BLK1)							Prepared: 0	5/23/25 An	alyzed: 05/28/25			
Gasoline Range Organics (C6-C10)	ND	20.0										
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.91		8.00		98.9	70-130						
LCS (2521150-BS2)							Prepared: 0	5/23/25 An	alyzed: 05/28/25			
Gasoline Range Organics (C6-C10)	41.8	20.0	50.0		83.5	70-130						
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.08		8.00		101	70-130						
Matrix Spike (2521150-MS2)				Source:	E505261-	01	Prepared: 0	5/23/25 An	alyzed: 05/28/25			
Gasoline Range Organics (C6-C10)	43.6	20.0	50.0	ND	87.1	70-130						
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.95		8.00		99.4	70-130						
Matrix Spike Dup (2521150-MSD2)				Source:	E505261-	01	Prepared: 0	5/23/25 An	alyzed: 05/28/25			
Gasoline Range Organics (C6-C10)	37.6	20.0	50.0	ND	75.2	70-130	14.8	20				

8.00

7.97

99.7

70-130

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Parkway Gathering Leak	Reported:
6488 7 Rivers Hwy Artesia NM. 88210	Project Number: Project Manager:	01058-0007 Ashley Giovengo	5/30/2025 9:34:57AM
Aitesia ivivi, 60210	r roject wianager.	Ashley Gloveligo	5/50/2025 9.5 1.5 // 1111

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go				5/30/2025 9:34:57AM	
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 (2522032-BLK1)							Prepared: 0	5/28/25	Analyzed: 05/28/25	
Diesel Range Organics (C10-C28)	ND	25.0								
Oil Range Organics (C28-C36)	ND	50.0								
Surrogate: n-Nonane	56.0		50.0		112	61-141				
LCS (2522032-BS1)							Prepared: 0	5/28/25	Analyzed: 05/28/25	
Diesel Range Organics (C10-C28)	297	25.0	250		119	66-144				
Surrogate: n-Nonane	55.3		50.0		111	61-141				
Matrix Spike (2522032-MS1)				Source:	E505260-	08	Prepared: 0	5/28/25	Analyzed: 05/28/25	
Diesel Range Organics (C10-C28)	310	25.0	250	ND	124	56-156				
Surrogate: n-Nonane	57.1		50.0		114	61-141				
Matrix Spike Dup (2522032-MSD1)				Source:	E505260-	08	Prepared: 0	5/28/25	Analyzed: 05/28/25	
Diesel Range Organics (C10-C28)	311	25.0	250	ND	125	56-156	0.517	20		
Surrogate: n-Nonane	57.1		50.0		114	61-141				



Chloride

M2

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:	Project Name: Parky Project Number: 0105						Reported:
Artesia NM, 88210		Project Manager	: A	shley Gioven	go				5/30/2025 9:34:57AM
		Anions	by EPA	300.0/90562	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 (2522015-BLK1)							Prepared: 0:	5/27/25 A	nalyzed: 05/27/25
Chloride	ND	20.0							
LCS (2522015-BS1)							Prepared: 0	5/27/25 A	nalyzed: 05/27/25
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2522015-MS1)				Source:	E505260-	05	Prepared: 0:	5/27/25 A	nalyzed: 05/27/25
Chloride	419	20.0	250	112	123	80-120			M2
Matrix Spike Dup (2522015-MSD1)				Source:	E505260-0	05	Prepared: 0:	5/27/25 A	nalyzed: 05/27/25

250

20.0

112

134

80-120

6.75

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:	Parkway Gathering Leak	
l	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
l	Artesia NM, 88210	Project Manager:	Ashley Giovengo	05/30/25 09:34

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

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Imaging: 11/6/2025 8:54:05 AM

Client Information				Invoice Information					La	b Us	e Or	nly				TAT State					
Client: [Company:	Devon Energy		L	ab WO	#_		Job	Num	ber	oer 1D 2D 3D St			3D Std	NM	CO UT	TX
	Parkway			h	Address: 5	5315 Buena Vista D	r	E	ESD5261 01058.0007						7	x			×		
	Manager: Ash					, Zip: Carlsbad NM,	88220	_	Analysis and Method												
	3122 Nation					(5)689-7597		_		,		Ana	lysis	and	Met	thod	_			A Progr	_
	te, Zip: Carlsl		88220			.raley@dvn.com		_				-							SDWA	CWA	RCRA
	575-988-0055		1.127		Miscellaneo	ous: Jim Raley													Camalian	I V	or N
Email: a	igiovengo@ei	nsolum.c	om					_	by 8015	8015	-			V.	2				Complian PWSID #	ce Y	OF N
				Sample Infor	mation				No by	NO by	8021	8260	300.	XT - 20	Meta		NM	×			
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID			Lab Numb	0	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
1414	Stutions	Soil	1		BHO	1-10'		1									1		3.3		
1452		1			BHO	1-12		2									+		2.9		
1504					BHOS	2-91		3									+	14/15	3.3		
1033					BHO	13.6'		4									+		3.6	<i>N</i>	
1107		1			1	93 - 81		5									+		3.3		
1542						03-10'		6									+		3.5		
1605	J	y	7		J	03-12,5'		7									+		4.7		
																		HI			
6.2-5.3						ngo@ensolum.con , jgonzales@ensolu											ton@	ensolum	.com,		
I, (field sam		validity and				g with or intentionally misla											may b	e grounds for	legal action		
Relinquish	ned by: (Signatur	e)		SIW/MS	Time	Referred by: (S	ignature)	onz=	rles	Date	-di	2:2	5	Time	07	u			Samples r		
Relinquished by: (Signature) Date 5-12-15			Time 30			0		Date	-22			Time				ice	eservation must be received or e the day they are sampled or ceived packed on ice at a temp				
	ned by: (Signatur			Date 5-27-25	Time 2145	Received by: 4S	igrature)	1/2.		Date)-a	13:	25	Time	13	0		4	bove 0 bu		n 6°C on
Relinquish	ned by: (Signatur	e)		Date	Time	Received by: (S	ignature)		0	Date			-	Time		~			Lab	Use Onl	У
Relinquished by: (Signature) Date Time Received by															Recei	ved on i	ce:				

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: 5/23/2025 8:45:18AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

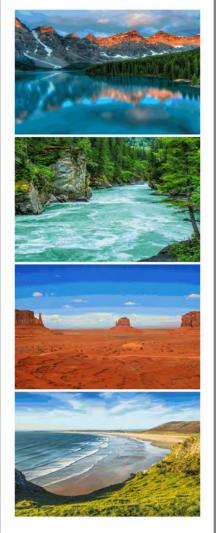
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client: Devon Energy - Carlsbad	Date Received:	05/23/25 07:3	30	Work Order ID:	E505261
Phone: (505) 382-1211	Date Logged In:	05/22/25 15:2	26	Logged In By:	Caitlin Mars
Email: agiovengo@ensolum.com	Due Date:	05/30/25 17:0	00 (4 day TAT)		
Chain of Custody (COC)					
1. Does the sample ID match the COC?		Yes			
2. Does the number of samples per sampling site loca	tion match the COC	Yes			
3. Were samples dropped off by client or carrier?		Yes	Carrier: Courier		
4. Was the COC complete, i.e., signatures, dates/time	s, requested analyses?	Yes			
 Were all samples received within holding time? Note: Analysis, such as pH which should be cor i.e, 15 minute hold time, are not included in this 	•	Yes		<u>Comment</u>	s/Resolution
Sample Turn Around Time (TAT) 6. Did the COC indicate standard TAT, or Expedited	ТАТ?	Yes			
Sample Cooler					
7. Was a sample cooler received?		Yes			
8. If yes, was cooler received in good condition?		Yes			
9. Was the sample(s) received intact, i.e., not broken?	•	Yes			
10. Were custody/security seals present?		No			
11. If yes, were custody/security seals intact?		NA			
12. Was the sample received on ice? Note: Thermal preservation is not required, if so 15 minutes of sampling	amples are received within	Yes			
13. See COC for individual sample temps. Samples o	utside of 0°C-6°C will be	recorded in o	comments.		
Sample Container					
14. Are aqueous VOC samples present?		No			
15. Are VOC samples collected in VOA Vials?		NA			
16. Is the head space less than 6-8 mm (pea sized or l	ess)?	NA			
17. Was a trip blank (TB) included for VOC analyses	?	NA			
18. Are non-VOC samples collected in the correct co.	ntainers?	Yes			
19. Is the appropriate volume/weight or number of sample	le containers collected?	Yes			
Field Label					
20. Were field sample labels filled out with the minin	num information:				
Sample ID?		Yes			
Date/Time Collected?		Yes	<u> </u>		
Collectors name?		Yes			
Sample Preservation 21. Does the COC or field labels indicate the samples	v vvoma mmagamira d0	NI-			
1	s were preserved?	No			
22. Are sample(s) correctly preserved?24. Is lab filtration required and/or requested for disso	alved matala?	NA N-			
	orved metals:	No			
Multiphase Sample Matrix	1.1 1 0				
26. Does the sample have more than one phase, i.e., r	•	No			
27. If yes, does the COC specify which phase(s) is to	be analyzed?	NA			
Subcontract Laboratory					
28. Are samples required to get sent to a subcontract	· ·	No			
29. Was a subcontract laboratory specified by the clie	ent and if so who?	NA Sı	ubcontract Lab: NA		
Client Instruction					

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: Parkway Gathering Leak

Work Order: E505280

Job Number: 01058-0007

Received: 5/27/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 5/30/25

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

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

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

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

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

Date Reported: 5/30/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Parkway Gathering Leak

Workorder: E505280

Date Received: 5/27/2025 7:15:00AM

Ashley Giovengo,

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

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

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues 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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mgonzales@envirotech-inc.com

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Sample Summary

_				
	Devon Energy - Carlsbad	Project Name:	Reported:	
١	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported.
l	Artesia NM, 88210	Project Manager:	Ashley Giovengo	05/30/25 14:42

Client Sample ID	Lab Sample ID N	Matrix	Sampled	Received	Container
BH03-15'	E505280-01A	Soil	05/22/25	05/27/25	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	Parkway Gathering Leak	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/30/2025 2:42:17PM

BH03-15' E505280-01

		E303200-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Allaryte	Result	Lillit	Dilution	Trepared	Anaryzeu	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2522038
Benzene	ND	0.0250	1	05/28/25	05/30/25	
Ethylbenzene	ND	0.0250	1	05/28/25	05/30/25	
Toluene	ND	0.0250	1	05/28/25	05/30/25	
o-Xylene	ND	0.0250	1	05/28/25	05/30/25	
p,m-Xylene	ND	0.0500	1	05/28/25	05/30/25	
Total Xylenes	ND	0.0250	1	05/28/25	05/30/25	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2522038
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/28/25	05/30/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		110 %	70-130	05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KH		Batch: 2522034
Diesel Range Organics (C10-C28)	ND	25.0	1	05/28/25	05/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/28/25	05/29/25	
Surrogate: n-Nonane		113 %	61-141	05/28/25	05/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2522056
Chloride	10900	200	10	05/28/25	05/29/25	



QC Summary Data

Parkway Gathering Leak Devon Energy - Carlsbad Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Ashley Giovengo 5/30/2025 2:42:17PM **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 (2522038-BLK1) Prepared: 05/28/25 Analyzed: 05/29/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 8.12 8.00 101 70-130 LCS (2522038-BS1) Prepared: 05/28/25 Analyzed: 05/29/25 4.87 97.3 70-130 5.00 Benzene 0.0250 Ethylbenzene 4.85 0.0250 5.00 97.1 70-130 4.86 0.0250 5.00 97.2 70-130 Toluene 97.3 o-Xylene 4.87 0.0250 5.00 70-130 9.86 10.0 98.6 70-130 0.0500 p.m-Xvlene 98.2 70-130 14.7 15.0 Total Xylenes 0.0250 8.00 104 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.32 Matrix Spike (2522038-MS1) Source: E505278-06 Prepared: 05/28/25 Analyzed: 05/29/25 5.30 0.0250 5.00 ND 70-130 Benzene ND 70-130 Ethylbenzene 5.28 0.0250 5.00 106 Toluene 5.30 0.0250 5.00 ND 106 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 8.20 8.00 Matrix Spike Dup (2522038-MSD1) Source: E505278-06 Prepared: 05/28/25 Analyzed: 05/29/25 6.06 0.0250 5.00 ND 121 70-130 13.3 27 ND 70-130 6.05 0.0250 5.00 121 13.6 26 Ethylbenzene Toluene 6.06 0.0250 5.00 ND 121 70-130 13.4 20 6.02 5.00 ND 120 70-130 13.0 25 o-Xylene 0.0250 122 23 12.2 10.0 ND 70-130 13.2

0.0500

0.0250

15.0

8.00

ND

122

103

70-130

70-130

13.1

26

18.2

8.20



p,m-Xylene

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:	Parkway Gathering Leak 01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/30/2025 2:42:17PM

Artesia NM, 88210		Project Manage		shley Gioveng	go				5/30/2025 2:42:17PM
	Non	halogenated	Organics	by EPA 80	15D - G	RO			Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD %	RPD Limit %	N
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	70	70	Notes
Blank (2522038-BLK1)							Prepared: 0	5/28/25 A	nalyzed: 05/29/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.37		8.00		105	70-130			
LCS (2522038-BS2)							Prepared: 0	5/28/25 A	nalyzed: 05/29/25
Gasoline Range Organics (C6-C10)	45.0	20.0	50.0		90.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.51		8.00		106	70-130			
Matrix Spike (2522038-MS2)				Source:	E505278-	06	Prepared: 0	5/28/25 A	nalyzed: 05/29/25
Gasoline Range Organics (C6-C10)	48.0	20.0	50.0	ND	96.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.50		8.00		106	70-130			
Matrix Spike Dup (2522038-MSD2)				Source:	E505278-	06	Prepared: 0	5/28/25 A	nalyzed: 05/29/25
Gasoline Range Organics (C6-C10)	57.6	20.0	50.0	ND	115	70-130	18.3	20	

8.00

111

70-130

QC Summary Data

Devon Energy - Carlsbad	Project Name: Parkway Gathering Leak		Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	•
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/30/2025 2:42:17PM

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go				5/30/2025 2:42:17PN
	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 (2522034-BLK1)							Prepared: 0	5/28/25 Aı	nalyzed: 05/28/25
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	55.2		50.0		110	61-141			
LCS (2522034-BS1)							Prepared: 0	5/28/25 Aı	nalyzed: 05/28/25
Diesel Range Organics (C10-C28)	281	25.0	250		112	66-144			
Surrogate: n-Nonane	54.4		50.0		109	61-141			
Matrix Spike (2522034-MS1)				Source:	E505271-0	06	Prepared: 0	5/28/25 Aı	nalyzed: 05/28/25
Diesel Range Organics (C10-C28)	283	25.0	250	ND	113	56-156			
Surrogate: n-Nonane	54.8		50.0		110	61-141			
Matrix Spike Dup (2522034-MSD1)				Source:	E505271-0	06	Prepared: 0	5/28/25 Aı	nalyzed: 05/28/25
Diesel Range Organics (C10-C28)	278	25.0	250	ND	111	56-156	1.74	20	
Surrogate: n-Nonane	55.0		50.0		110	61-141			

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy	, , , , , , , , , , , , , , , , , , , ,								Reported:			
Artesia NM, 88210		Project Manager:	A	Ashley Gioveng	50				5/30/2025 2:42:17PM			
Anions by EPA 300.0/9056A A												
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit				
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes			
Blank (2522056-BLK1)							Prepared: 0	5/28/25 A	nalyzed: 05/29/25			
Chloride	ND	20.0										
LCS (2522056-BS1)							Prepared: 0	5/28/25 A	nalyzed: 05/29/25			
Chloride	255	20.0	250		102	90-110						
Matrix Spike (2522056-MS1)				Source:	E505275-	03	Prepared: 0	5/28/25 A	nalyzed: 05/29/25			
Chloride	361	20.0	250	112	99.7	80-120						
Matrix Spike Dup (2522056-MSD1)				Source:	E505275-0	03	Prepared: 0	5/28/25 A	nalyzed: 05/29/25			
Chloride	365	20.0	250	112	101	80-120	1.01	20				

QC Summary Report Comment:

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



Definitions and Notes

Devon Energy - Carlsbad	Project Name:	Parkway Gathering Leak	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	05/30/25 14:42

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Released to Imaging: 11/6/2025 8:54:05 AM

envirotech
Analytical Laboratory

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

envirotech Inc.

Printed: 5/27/2025 9:49:13AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Pienes (903 1334.121) Does Legged in 197: Nos Sote Engeverage (Southers Countries) Does Dec. (807225 1700 (4 day TAT)) Does Dec. (807225 1	Client:	Devon Energy - Carlsbad	Date Received:	05/27/25	07:15	Work Order ID:	E505280
Email: a giovengo@enolun.com Due Duric 06/02/25 7:40 (4 day TAT) Does the sample ID match the COC? Yes	Phone:	(505) 382-1211	Date Logged In:	05/23/25	16:47	Logged In By:	Noe Soto
1. Does the sample ID match the COC? 2. Does the number of samples per sampling site location match the COC 3. Were all samples per sampling site location match the COC 3. Were and lawning secretived within bodding times? 4. Was the COC complete, i.e., signatures, dates/mines, requested analyses? 5. Were all samples received within bodding times? 5. Were all samples received within bodding times? 6. Doi the COC indicate standard TAT, or Expedited TAT? 7. Was a sample cooler received? 7. Was a sample cooler received? 7. Was a sample cooler received? 8. Klyes, was cooler received? 9. Was the sample (s) received intact, i.e., not broken? 9. Was the sample (s) received intact, i.e., not broken? 10. Were custedly-security seals present? 11. If yes, were custedly-security seals intact? 12. Was the sample received on ice? 13. Sec COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments. Sample Couler to sample samp	Email:	agiovengo@ensolum.com	Due Date:	06/02/25	17:00 (4 day TAT)		
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Client Instruction	29. Was a	a subcontract laboratory specified by the client and	if so who?	NA	Subcontract Lab: NA		
	Client I	<u>nstruction</u>					
							1

Date

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

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Parkway Gathering Leak

Work Order: E509030

Job Number: 01058-0007

Received: 9/5/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 9/11/25

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

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

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

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

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

Date Reported: 9/11/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Parkway Gathering Leak

Workorder: E509030

Date Received: 9/5/2025 8:30:00AM

Ashley Giovengo,

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

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

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues 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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Raina Schwanz

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Sample Summary

Γ	Devon Energy - Carlsbad	Project Name:	Parkway Gathering Leak	Donoutoda
l	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
	Artesia NM, 88210	Project Manager:	Ashley Giovengo	09/11/25 08:40

Client Sample ID	Lab Sample ID N	Matrix	Sampled	Received	Container
BH03-16'	E509030-01A	Soil	08/29/25	09/05/25	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad	Project Name:	Parkway Gathering Leak	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/11/2025 8:40:17AM

BH03-16' E509030-01

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

		QC Si	umm	ary Dat	a				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:	0	Parkway Gathe 01058-0007 Ashley Gioven					Reported: 9/11/2025 8:40:17AM
1114014 1 111, 00210									
		Volatile O	rganics	by EPA 802	21B				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2536077-BLK1)							Prepared: 0	9/05/25 A	nalyzed: 09/07/25
Benzene	ND	0.0250					1 .		,
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.77		8.00		110	70-130			
LCS (2536077-BS1)							Prepared: 0	9/05/25 A	nalyzed: 09/07/25
Benzene	4.63	0.0250	5.00		92.5	70-130			
Ethylbenzene	4.61	0.0250	5.00		92.2	70-130			
Toluene	4.60	0.0250	5.00		92.0	70-130			
-Xylene	4.68	0.0250	5.00		93.5	70-130			
o,m-Xylene	9.33	0.0500	10.0		93.3	70-130			
Total Xylenes	14.0	0.0250	15.0		93.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.73		8.00		109	70-130			
Matrix Spike (2536077-MS1)				Source	E509028-	01	Prepared: 0	9/05/25 A	nalyzed: 09/07/25
Benzene	4.65	0.0250	5.00	ND	93.0	70-130			
Ethylbenzene	4.64	0.0250	5.00	ND	92.8	70-130			
Toluene	4.63	0.0250	5.00	ND	92.5	70-130			
o-Xylene	4.71	0.0250	5.00	ND	94.2	70-130			
o,m-Xylene	9.39	0.0500	10.0	ND	93.9	70-130			
Total Xylenes	14.1	0.0250	15.0	ND	94.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.91		8.00		111	70-130			
Matrix Spike Dup (2536077-MSD1)				Source	E509028-0	01	Prepared: 0	9/05/25 A	nalyzed: 09/07/25
Benzene	4.81	0.0250	5.00	ND	96.2	70-130	3.41	27	
Ethylbenzene	4.81	0.0250	5.00	ND	96.2	70-130	3.61	26	
Toluene	4.78	0.0250	5.00	ND	95.7	70-130	3.34	20	
o-Xylene	4.88	0.0250	5.00	ND	97.6	70-130	3.51	25	
V-1	0.72	0.0500	10.0	ND	07.2	70.120	2.49	22	

10.0

15.0

8.00

0.0500

0.0250

ND

ND

97.2

97.4

70-130

70-130

70-130

3.48

3.49

23

26



p,m-Xylene Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

9.72

14.6

8.82

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Parkway Gathering Leak	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/11/2025 8:40:17AM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go			9/1	1/2025 8:40:17AM
	Non	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 (2536077-BLK1)							Prepared: 0	9/05/25 Anal	yzed: 09/07/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.49		8.00		93.7	70-130			
LCS (2536077-BS2)							Prepared: 0	9/05/25 Anal	yzed: 09/07/25
Gasoline Range Organics (C6-C10)	53.9	20.0	50.0		108	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.64		8.00		95.4	70-130			
Matrix Spike (2536077-MS2)				Source:	E509028-0	01	Prepared: 0	9/05/25 Anal	yzed: 09/07/25
Gasoline Range Organics (C6-C10)	53.8	20.0	50.0	ND	108	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.51		8.00		93.9	70-130			
Matrix Spike Dup (2536077-MSD2)				Source:	E509028-0	01	Prepared: 0	9/05/25 Anal	yzed: 09/07/25
Gasoline Range Organics (C6-C10)	53.0	20.0	50.0	ND	106	70-130	1.55	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.55		8.00		94.4	70-130			

Devon Energy - Carlsbad	Project Name:	Parkway Gathering Leak	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	•
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/11/2025 8:40:17AM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go			9	/11/2025 8:40:17AN		
	Nonhalogenated Organics by EPA 8015D - 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 (2536078-BLK1)							Prepared: 0	9/05/25 An	alyzed: 09/05/25		
Diesel Range Organics (C10-C28)	ND	25.0									
Oil Range Organics (C28-C36)	ND	50.0									
Surrogate: n-Nonane	46.2		50.0		92.4	61-141					
LCS (2536078-BS1)							Prepared: 0	9/05/25 An	alyzed: 09/05/25		
Diesel Range Organics (C10-C28)	245	25.0	250		97.9	66-144					
Surrogate: n-Nonane	46.4		50.0		92.9	61-141					
Matrix Spike (2536078-MS1)				Source:	E509027-0	01	Prepared: 0	9/05/25 An	alyzed: 09/05/25		
Diesel Range Organics (C10-C28)	253	25.0	250	ND	101	56-156					
Surrogate: n-Nonane	46.3		50.0		92.7	61-141					
Matrix Spike Dup (2536078-MSD1)				Source:	E509027-0	01	Prepared: 0	9/05/25 An	alyzed: 09/05/25		
Diesel Range Organics (C10-C28)	254	25.0	250	ND	102	56-156	0.373	20			
Surrogate: n-Nonane	45.7		50.0		91.4	61-141					

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		arkway Gather 1058-0007	ring Leak				Reported:
Artesia NM, 88210		Project Manager:	A	Ashley Gioveng	50				9/11/2025 8:40:17AM
		Anions 1	by EPA	300.0/9056	\				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 (2536089-BLK1)							Prepared: 0	9/05/25 <i>A</i>	Analyzed: 09/05/25
Chloride	ND	20.0							
LCS (2536089-BS1)							Prepared: 0	9/05/25 A	Analyzed: 09/05/25
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2536089-MS1)				Source:	E509023-4	14	Prepared: 0	9/05/25 A	Analyzed: 09/05/25
Chloride	387	100	250	136	100	80-120			
Matrix Spike Dup (2536089-MSD1)				Source:	E509023-4	14	Prepared: 0	9/05/25 A	Analyzed: 09/05/25
Chloride	409	100	250	136	109	80-120	5.59	20	

QC Summary Report Comment:

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



Definitions and Notes

Devon Energy - Carlsbad	Project Name:	Parkway Gathering Leak	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	09/11/25 08:40

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



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Address:	3122 Natio	nal Parks	Hwy	_		Phone: (575)689	-7597							Ana	lysis	and	Met	hod					A Progr		
	e, Zip: Carls		88220		Į	Email: jim.raley	@dvn.com															SDWA	CWA	RC	:RA
	<u> 75-988-005</u>				I	Miscellaneous: Jir	n Raley						1							l				L	
Email: a	giovengo@e	<u>nsolum.c</u>	om		L					}	5	5					ļ					Complian	ce Y	or	N
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Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID		Filter	La Nun	ab nber	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NW	BGDOC - TX		Samle Temp		narks	
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Note: Sam	ples are discar	ded 14 days	after result	s are reported un	less o	ther arrangements ar	e made. Hazardous sa	mples v	vill be	retur	ned to	o clien	t or d	ispose	ed of	at the						or the analy	sis of the a	bove	
samples is	applicable only	to those s	amples rece	ived by the labora	tory	with this COC. The liab	ility of the laborator	y is limit	ed to	the ar	nount	paid	for or	the r	eport										

envirotech Inc.

Printed: 9/5/2025 9:40:03AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	09/05/25	08:30	Work Order ID:	E509030
Phone:	(505) 382-1211	Date Logged In:	09/04/25	15:46	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	09/11/25	07:00 (4 day TAT)		
Chain of	Custody (COC)					
	he sample ID match the COC?		Yes			
	he number of samples per sampling site location ma	atch the COC	Yes			
	amples dropped off by client or carrier?		Yes	Carrier: Courier		
	e COC complete, i.e., signatures, dates/times, reque	ested analyses?	Yes			
5. Were a	Ill samples received within holding time? Note: Analysis, such as pH which should be conducted i.e, 15 minute hold time, are not included in this disucss		Yes		Comment	s/Resolution
Sample T	<u>Furn Around Time (TAT)</u>					
	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample (<u>Cooler</u>					
7. Was a	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was th	e sample(s) received intact, i.e., not broken?		Yes			
	custody/security seals present?		No			
	were custody/security seals intact?					
,	, , , , , , , , , , , , , , , , , , ,		NA			
	ne sample received on ice? Note: Thermal preservation is not required, if samples a 15 minutes of sampling		Yes			
	COC for individual sample temps. Samples outside	of 0°C-6°C will be	recorded	in comments.		
	Container					
	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	a trip blank (TB) included for VOC analyses?	_	NA			
	on-VOC samples collected in the correct container		Yes			
19. Is the	appropriate volume/weight or number of sample conta	iners collected?	Yes			
Field Lal						
	field sample labels filled out with the minimum inf	formation:	37			
	ample ID? Date/Time Collected?		Yes			
	Collectors name?		Yes Yes			
	Preservation		105			
	the COC or field labels indicate the samples were p	reserved?	No			
	ample(s) correctly preserved?		NA			
	filtration required and/or requested for dissolved n	netals?	No			
	ase Sample Matrix		110			
	the sample have more than one phase, i.e., multiph	222	ът.			
	s, does the COC specify which phase(s) is to be ana		No			
		iyzeur	NA			
	ract Laboratory					
	amples required to get sent to a subcontract laborate a subcontract laboratory specified by the client and	•	No NA	Subcontract Lab: NA		
Client I	nstruction_					
Chent II	<u>iisti uction</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: Parkway Gathering Leak

Work Order: E509031

Job Number: 01058-0007

Received: 9/5/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 9/11/25

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

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

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

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

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

Date Reported: 9/11/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Parkway Gathering Leak

Workorder: E509031

Date Received: 9/5/2025 8:30:00AM

Ashley Giovengo,

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

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

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues 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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mgonzales@envirotech-inc.com

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Sample Summary

	Devon Energy - Carlsbad	Project Name:	Parkway Gathering Leak	Reported:
١	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported.
	Artesia NM, 88210	Project Manager:	Ashley Giovengo	09/11/25 08:41

Client Sample ID	Lab Sample ID M	Matrix	Sampled	Received	Container
BH03-20'	E509031-01A	Soil	08/29/25	09/05/25	Glass Jar, 2 oz.



Sample Data

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

BH03-20' E509031-01

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

		QC SI	umm	iary Dat	a				
Devon Energy - Carlsbad		Project Name:		Parkway Gathe	ring Leak				Reported:
6488 7 Rivers Hwy		Project Number:		01058-0007					
Artesia NM, 88210		Project Manager:		Ashley Giovens	go			9	/11/2025 8:41:50AM
		Volatile O	rganics	s by EPA 802	21B				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2536077-BLK1)							Prepared: 0	9/05/25 An	alyzed: 09/07/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.77		8.00		110	70-130			
LCS (2536077-BS1)							Prepared: 0	9/05/25 An	alyzed: 09/07/25
Benzene	4.63	0.0250	5.00		92.5	70-130			
Ethylbenzene	4.61	0.0250	5.00		92.2	70-130			
Toluene	4.60	0.0250	5.00		92.0	70-130			
o-Xylene	4.68	0.0250	5.00		93.5	70-130			
p,m-Xylene	9.33	0.0500	10.0		93.3	70-130			
Total Xylenes	14.0	0.0250	15.0		93.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.73		8.00		109	70-130			
Matrix Spike (2536077-MS1)				Source:	E509028-0)1	Prepared: 0	9/05/25 An	alyzed: 09/07/25
Benzene	4.65	0.0250	5.00	ND	93.0	70-130			
Ethylbenzene	4.64	0.0250	5.00	ND	92.8	70-130			
Toluene	4.63	0.0250	5.00	ND	92.5	70-130			
o-Xylene	4.71	0.0250	5.00	ND	94.2	70-130			
p,m-Xylene	9.39	0.0500	10.0	ND	93.9	70-130			
Total Xylenes	14.1	0.0250	15.0	ND	94.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.91		8.00		111	70-130			
Matrix Spike Dup (2536077-MSD1)				Source:	E509028-0)1	Prepared: 0	9/05/25 An	alyzed: 09/07/25
Benzene	4.81	0.0250	5.00	ND	96.2	70-130	3.41	27	
Ethylbenzene	4.81	0.0250	5.00	ND	96.2	70-130	3.61	26	
Toluene	4.78	0.0250	5.00	ND	95.7	70-130	3.34	20	
o-Xylene	4.88	0.0250	5.00	ND	97.6	70-130	3.51	25	
p,m-Xylene	9.72	0.0500	10.0	ND	97.2	70-130	3.48	23	
Total Xylenes	14.6	0.0250	15.0	ND	97.4	70-130	3.49	26	
G I I B II I BIB	0.02		0.00		110	70 120			



Surrogate: 4-Bromochlorobenzene-PID

8.82

70-130

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

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go			9/11	/2025 8:41:50AM
	Non	halogenated	Organics l	by EPA 80	15D - Gl	RO		I	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 (2536077-BLK1)							Prepared: 0	9/05/25 Analy	zed: 09/07/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.49		8.00		93.7	70-130			
LCS (2536077-BS2)							Prepared: 0	9/05/25 Analy	zed: 09/07/25
Gasoline Range Organics (C6-C10)	53.9	20.0	50.0		108	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.64		8.00		95.4	70-130			
Matrix Spike (2536077-MS2)				Source:	E509028-	01	Prepared: 0	9/05/25 Analy	zed: 09/07/25
Gasoline Range Organics (C6-C10)	53.8	20.0	50.0	ND	108	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.51		8.00		93.9	70-130			
Matrix Spike Dup (2536077-MSD2)				Source:	E509028-	01	Prepared: 0	9/05/25 Analy	zed: 09/07/25
Gasoline Range Organics (C6-C10)	53.0	20.0	50.0	ND	106	70-130	1.55	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.55		8.00		94.4	70-130			

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

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go			ç	9/11/2025 8:41:50AN
Nonhalogenated Organics by EPA 8015D - 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 (2536078-BLK1)							Prepared: 0	9/05/25 An	alyzed: 09/05/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	46.2		50.0		92.4	61-141			
LCS (2536078-BS1)							Prepared: 0	9/05/25 An	alyzed: 09/05/25
Diesel Range Organics (C10-C28)	245	25.0	250		97.9	66-144			
Surrogate: n-Nonane	46.4		50.0		92.9	61-141			
Matrix Spike (2536078-MS1)				Source:	E509027-0	01	Prepared: 0	9/05/25 An	alyzed: 09/05/25
Diesel Range Organics (C10-C28)	253	25.0	250	ND	101	56-156			
Surrogate: n-Nonane	46.3		50.0		92.7	61-141			
Matrix Spike Dup (2536078-MSD1)				Source:	E509027-0	01	Prepared: 0	9/05/25 An	alyzed: 09/05/25
Diesel Range Organics (C10-C28)	254	25.0	250	ND	102	56-156	0.373	20	
Surrogate: n-Nonane	45.7		50.0		91.4	61-141			



Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager	0	arkway Gathe 1058-0007 shley Gioveng	C				Reported: 9/11/2025 8:41:50AM
		Anions	by EPA	300.0/9056 <i>A</i>	4				Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2536089-BLK1)							Prepared: 0	9/05/25 A	Analyzed: 09/05/25
Chloride	ND	20.0							
LCS (2536089-BS1)							Prepared: 0	9/05/25 A	Analyzed: 09/05/25
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2536089-MS1)				Source:	E509023-	44	Prepared: 0	9/05/25 A	Analyzed: 09/05/25
Chloride	387	100	250	136	100	80-120			
Matrix Spike Dup (2536089-MSD1)				Source:	E509023-	44	Prepared: 0	9/05/25 A	Analyzed: 09/05/25
Chloride	409	100	250	136	109	80-120	5.59	20	

QC Summary Report Comment:

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



Definitions and Notes

Devon Energy - Carlsbad	Project Name:	Parkway Gathering Leak	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	09/11/25 08:41

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



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	e, Zip: Carls		88220		Email: jim.raley	@dvn.com				- 1	- 1			l		1			1	L	SDV	VA	CWA	RCRA	,
Phone: !	<u>575-988-005</u>	5			Miscellaneous: Jir	n Raley			- 1	1	- 1	- 1							1 1	Ļ				↓	_
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Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID		Field	Lab Numb	er	DRO/ORO by 8015	GRO/DRO by 8015	ВТЕХ ЬУ 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		WN - 20098	8GDOC - TX		Samle	Ten	Rer	marks	
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Addition	al Instruction	ns: Ple	ease CC: c	lburton@ensolum	.com, agiovengo@	ensolum.com, jin	ı.rale	y@dvn	1.00	m, ie	strel	la@	enso	lum	.com	, cha	milt	on@	enso	lum.	com,				_
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envirotech Inc.

Printed: 9/5/2025 9:43:29AM

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:	09/05/25	08:30	Work Order ID:	E509031
Phone:	(505) 382-1211	Date Logged In:	09/04/25	15:49	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	09/11/25	07:00 (4 day TAT)		
Chain of	Custody (COC)					
	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	ne COC complete, i.e., signatures, dates/times, reque	ested analyses?	Yes			
5. Were a	all samples received within holding time?	1 1.1	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 '	Turn 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			
10. Were	custody/security seals present?		No			
	s, were custody/security seals intact?		NA			
-	he 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	of 0°C-6°C will be	recorded	in comments.		
Sample (<u>Container</u>					
14. Are a	iqueous VOC samples present?		No			
15. Are V	VOC samples collected in VOA Vials?		NA			
16. Is the	e head space less than 6-8 mm (pea sized or less)?		NA			
17. Was a	a trip blank (TB) included for VOC analyses?		NA			
18. Are r	non-VOC samples collected in the correct containers	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 inf	ormation:	**			
	Sample ID? Date/Time Collected?		Yes			
	Collectors name?		Yes Yes			
	Preservation		103			
	the COC or field labels indicate the samples were p	reserved?	No			
	sample(s) correctly preserved?		NA			
	o filtration required and/or requested for dissolved m	netals?	No			
	ase Sample Matrix					
	the sample have more than one phase, i.e., multipha	ase?	No			
	s, does the COC specify which phase(s) is to be anal		NA			
	ract Laboratory	•	1112			
	rate <u>Laboratory</u> samples required to get sent to a subcontract laborate	ary?	No			
	a subcontract laboratory specified by the client and	-	NA	Subcontract Lab: NA		
		ar so who.	1111	Subcontract Lab. IVA		
Client I	<u>nstruction</u>					

Date

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

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Parkway Gathering Leak

Work Order: E509032

Job Number: 01058-0007

Received: 9/5/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 9/11/25

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

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

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

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

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

Date Reported: 9/11/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Parkway Gathering Leak

Workorder: E509032

Date Received: 9/5/2025 8:30:00AM

Ashley Giovengo,

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

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

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues 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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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 - GRO	7
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	8
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Sample Summary

Devon Energy - Carlsbad	Project Name: Parkway Gathering Leak		Donoutoda
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	09/11/25 08:43

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH03-21'	E509032-01A	Soil	08/29/25	09/05/25	Glass Jar, 2 oz.



Sample Data

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

BH03-21' E509032-01

		E509032-01				
A 14	D. Iv	Reporting	D.1 .:	D 1		N
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: BA		Batch: 2536077
Benzene	ND	0.0250	1	09/05/25	09/07/25	
Ethylbenzene	ND	0.0250	1	09/05/25	09/07/25	
Coluene	ND	0.0250	1	09/05/25	09/07/25	
-Xylene	ND	0.0250	1	09/05/25	09/07/25	
,m-Xylene	ND	0.0500	1	09/05/25	09/07/25	
Total Xylenes	ND	0.0250	1	09/05/25	09/07/25	
Surrogate: 4-Bromochlorobenzene-PID		113 %	70-130	09/05/25	09/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	/st: BA		Batch: 2536077
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/25	09/07/25	
urrogate: 1-Chloro-4-fluorobenzene-FID		94.0 %	70-130	09/05/25	09/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	/st: HM		Batch: 2536078
Diesel Range Organics (C10-C28)	ND	25.0	1	09/05/25	09/05/25	
Dil Range Organics (C28-C36)	ND	50.0	1	09/05/25	09/05/25	
Surrogate: n-Nonane		93.6 %	61-141	09/05/25	09/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	/st: IY		Batch: 2536089
Chloride	226	200	10	09/05/25	09/06/25	



Parkway Gathering Leak Devon Energy - Carlsbad Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Ashley Giovengo 9/11/2025 8:43:31AM **Volatile Organics by EPA 8021B** Analyst: BA Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2536077-BLK1) Prepared: 09/05/25 Analyzed: 09/07/25 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 8.77 8.00 110 70-130 LCS (2536077-BS1) Prepared: 09/05/25 Analyzed: 09/07/25 4.63 92.5 70-130 5.00 Benzene 0.0250 Ethylbenzene 4.61 0.0250 5.00 92.2 70-130 4.60 0.0250 5.00 92.0 70-130 Toluene o-Xylene 4.68 0.0250 5.00 93.5 70-130 9.33 10.0 93.3 70-130 0.0500 p.m-Xvlene 93.4 70-130 14.0 15.0 Total Xylenes 0.0250 8.00 109 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.73 Matrix Spike (2536077-MS1) Source: E509028-01 Prepared: 09/05/25 Analyzed: 09/07/25 4.65 0.0250 5.00 ND 70-130 Benzene ND 92.8 70-130 Ethylbenzene 4.64 0.0250 5.00 Toluene 4.63 0.0250 5.00 ND 92.5 70-130 4.71 ND 94.2 70-130 5.00 0.0250 o-Xylene p,m-Xylene 9.39 0.0500 10.0 ND 93.9 70-130 0.0250 15.0 ND 70-130 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.91 8.00 Matrix Spike Dup (2536077-MSD1) Source: E509028-01 Prepared: 09/05/25 Analyzed: 09/07/25 4.81 0.0250 5.00 ND 96.2 70-130 3.41 27 70-130 4.81 0.0250 5.00 ND 96.2 3.61 26 Ethylbenzene Toluene 4 78 0.0250 5.00 ND 957 70-130 3 34 20 4.88 5.00 ND 97.6 70-130 3.51 25 o-Xylene 0.0250

10.0

15.0

8.00

0.0500

0.0250

97.2

97.4

110

70-130

70-130

70-130

3.48

3.49

ND

ND



23

26

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

9.72

14.6

8.82

Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

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

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go			9/1	1/2025 8:43:31AM
	Nor	halogenated	Organics	by EPA 80	15D - G	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 (2536077-BLK1)							Prepared: 0	9/05/25 Anal	yzed: 09/07/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.49		8.00		93.7	70-130			
LCS (2536077-BS2)							Prepared: 0	9/05/25 Anal	yzed: 09/07/25
Gasoline Range Organics (C6-C10)	53.9	20.0	50.0		108	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.64		8.00		95.4	70-130			
Matrix Spike (2536077-MS2)				Source:	E509028-	01	Prepared: 0	9/05/25 Anal	yzed: 09/07/25
Gasoline Range Organics (C6-C10)	53.8	20.0	50.0	ND	108	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.51		8.00		93.9	70-130			
Matrix Spike Dup (2536077-MSD2)				Source:	E509028-	01	Prepared: 0	9/05/25 Anal	yzed: 09/07/25
Gasoline Range Organics (C6-C10)	53.0	20.0	50.0	ND	106	70-130	1.55	20	

8.00

7.55

94.4

70-130

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

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go				9/11/2025 8:43:31AM
	Nonha	logenated Or	ganics by	EPA 8015I	D - 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 (2536078-BLK1)							Prepared: 0	9/05/25 Ai	nalyzed: 09/05/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	46.2		50.0		92.4	61-141			
LCS (2536078-BS1)							Prepared: 0	9/05/25 A	nalyzed: 09/05/25
Diesel Range Organics (C10-C28)	245	25.0	250		97.9	66-144			
Surrogate: n-Nonane	46.4		50.0		92.9	61-141			
Matrix Spike (2536078-MS1)				Source:	E509027-0	01	Prepared: 0	9/05/25 A	nalyzed: 09/05/25
Diesel Range Organics (C10-C28)	253	25.0	250	ND	101	56-156			
Surrogate: n-Nonane	46.3		50.0		92.7	61-141			
Matrix Spike Dup (2536078-MSD1)				Source:	E509027-0	01	Prepared: 0	9/05/25 A	nalyzed: 09/05/25
Diesel Range Organics (C10-C28)	254	25.0	250	ND	102	56-156	0.373	20	
Surrogate: n-Nonane	45.7		50.0		91.4	61-141			

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		arkway Gather	ring Leak				Reported:
Artesia NM, 88210		Project Manager	: A	Ashley Gioveng	go				9/11/2025 8:43:31AM
		Anions	by EPA	300.0/9056	4				Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2536089-BLK1)							Prepared: 0	9/05/25	Analyzed: 09/05/25
Chloride	ND	20.0							
LCS (2536089-BS1)							Prepared: 0	9/05/25	Analyzed: 09/05/25
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2536089-MS1)				Source:	E509023-	14	Prepared: 0	9/05/25	Analyzed: 09/05/25
Chloride	387	100	250	136	100	80-120			
Matrix Spike Dup (2536089-MSD1)				Source:	E509023-	14	Prepared: 0	9/05/25	Analyzed: 09/05/25
Chloride	409	100	250	136	109	80-120	5.59	20	

QC Summary Report Comment:

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



Definitions and Notes

Devon Energy - Carlsbad	Project Name:	Parkway Gathering Leak	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	09/11/25 08:43

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



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	Clie	nt Inform	nation		Invoice Information Lab Use Only										T/	AT .				
Client:							von Energy			ab WO	#		Job	Num	ber	_	1D	2D	3D S	td
	Parkway Gat						5 Buena Vista Dr : Carlsbad NM, 8	822N	— ⊱	550	HO	32	(C)(C)	2 <u>X</u>	$\boldsymbol{\omega}$	ДL			×	
	Manager: As : 3122 Natio				—	ne: (575)6						_	Ana	lysis	and	Met	hod			\top
City, Sta	te, Zip: Carls	bad NM,			Ema	ail: jim.rale	ey@dvn.com													SDV
	<u>575-988-005</u>				Misc	ellaneous:	Jim Raley					l								<u></u>
Email: a	giovengo@e	nsolum.c	com		<u> </u>					8015	8015	۱.		0		sı			Ì	PWS
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Time Sampled	Date Sampled	Matrix	No. of Containers		9	Sample ID		Field	Lat Numl	10	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX	Samle
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Additio	nal Instruction	ons: Plo	ease CC: o	burton@enso	ium.com,	agiovengo	@ensolum.com,	jim.rale	y@dv	n.com,	iestr	ella@	enso	olum	ı.con	ı, cha	amili	ton@	ensol	ım.com
I, (field san		e validity an	<u>illana@er</u> Id authenticit	nsolum.com ry of this sample. I ar	m aware that	tampering with	n or intentionally mislab	ling the sa	mple loc	ation, date	e or tin	ne of co	ollectio	n is co	nsiden	ed frau	ıd and	may b	e ground	for legal :
	r:Uriel Santilla ned by: (Signatu			Date	Time	120	Reseived by: (Sign	ature)		B	Date	- 11	74"		Time				1 1	Samp
UZ	m			014/25 Date	Time	100	Received by: (Sign	e G	onz	rteş	Date	<u>1-4</u>	'd?	<u> </u>	Time)7C	<u> </u>		4 1'	reserva
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envirotech Inc.

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

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:	09/05/25	08:30	Work Order ID:	E509032
Phone:	(505) 382-1211	Date Logged In:	09/04/25	15:52	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	09/11/25	07:00 (4 day TAT)		
Chain of	Custody (COC)					
	he sample ID match the COC?		Yes			
	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 disuess	•			Comment	ts/Resolution
Sample '	Furn Around Time (TAT)				<u> </u>	
	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			
	, were custody/security seals intact?		NA			
-	ne sample received on ice?		Yes			
12. Was u	Note: Thermal preservation is not required, if samples a	re received within	168			
	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			
	Preservation		Yes			
	the COC or field labels indicate the samples were	reserved?	No			
	ample(s) correctly preserved?	oreserved.	NA			
	filtration required and/or requested for dissolved n	netals?	No			
	ase Sample Matrix		110			
	the sample have more than one phase, i.e., multiph	2527	Na			
	s, does the COC specify which phase(s) is to be ana		No			
		iyzed:	NA			
	ract Laboratory	_				
	amples required to get sent to a subcontract laborate	•	No			
29. Was a	a subcontract laboratory specified by the client and	if so who?	NA	Subcontract Lab: NA		
Client I	<u>nstruction</u>					

Date

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



APPENDIX G

NMOCD Correspondence

From: <u>Hamlet, Robert, EMNRD</u>

To: <u>Cole Burton</u>

Cc: Raley, Jim; Ashley Giovengo; Bratcher, Michael, EMNRD; Wells, Shelly, EMNRD

Subject: (Extension Approval) - Devon Energy Production Company, LP - Parkway Gathering Leak - nAPP2510026094

Date: Monday, July 7, 2025 1:23:15 PM

Attachments: image006.png

image007.png image008.png

[**EXTERNAL EMAIL**]

RE: Incident #NAPP2510026094 PARKWAY GATHERING LEAK

Cole,

A 90-day extension is approved. Please have a remediation closure report uploaded to the OCD Permitting Portal no later than **October 6th, 2025**. Include this e-mail correspondence in the report.

Robert Hamlet • Environmental Specialist - Advanced

Environmental Bureau
EMNRD - Oil Conservation Division
506 W. Texas Ave. | Artesia, NM 88210
575.909.0302 | robert.hamlet@emnrd.nm.gov

http://www.emnrd.state.nm.us/OCD/



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

Sent: Monday, July 7, 2025 10:42 AM

To: Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov> **Cc:** Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>

Subject: FW: [EXTERNAL] Extension Request - Devon Energy Production Company, LP - Parkway

Gathering Leak - nAPP2510026094

From: Cole Burton < cburton@ensolum.com>

Sent: Monday, July 7, 2025 10:39 AM

To: Enviro, OCD, EMNRD < OCD. Enviro@emnrd.nm.gov>; Raley, Jim < Jim.Raley@dvn.com>

Cc: Ashley Giovengo

Subject: [EXTERNAL] Extension Request - Devon Energy Production Company, LP - Parkway Gathering Leak - nAPP2510026094

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

Hello All,

Devon Energy Production Company, LP (Devon) is requesting an extension for the current deadline of June 25, 2025, for submitting a remediation work plan or closure report required in 19.15.29.12.B.(1) NMAC at the Parkway Gathering Leak (Site) (Incident Number nAPP2510026094). The release occurred on April 8, 2025, and 22 barrels (bbls) of produced water were released; 0 bbls of produced water were recovered. The release impacted an off-pad area within a pipeline Right-of-Way (ROW). The release extent measures approximately 2,513 square feet in size. A desktop environmental review was completed by CEHMM and there were no environmental recommendations for the area. An Archaeological Records Management System (ARMS) review was completed by Beaver Creek Archeology & Environmental on March 7, 2025, and the findings were negative. A Right of Entry permit was submitted to the New Mexico State Land Office and a karst survey has been requested from Advanced Geophysics. According to the New Mexico Office of the State Engineer (NMOSE), the closest well with available depth to groundwater (DTW) data is CP 01934, which is located 2.4 miles east of the Site. The reported DTW at CP 01934 is greater than 55 feet below ground surface (bgs). Lateral delineation soil sampling in accordance with the strictest Closure Criteria per NMOCD Table I criteria has been completed at the Site and vertical delineation soil sampling is ongoing. Devon will complete remediation of the subject matter release and submit a remediation work plan or closure report upon receiving final laboratory analytical data from confirmation sampling activities. Please let me know if you have any further questions regarding this site.

Thanks,



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 509332

QUESTIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	509332
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites						
Incident ID (n#)	nAPP2510026094					
Incident Name	NAPP2510026094 PARKWAY GATHERING LEAK @ O-20-19S-29E 25N 150W					
Incident Type	Produced Water Release					
Incident Status	Remediation Plan Received					

Location of Release Source					
Please answer all the questions in this group.					
Site Name	Parkway Gathering Leak				
Date Release Discovered	04/08/2025				
Surface Owner	State				

ncident Details						
Please answer all the questions in this group.						
Incident Type	Produced Water Release					
Did this release result in a fire or is the result of a fire	No					
Did this release result in any injuries	No					
Has this release reached or does it have a reasonable probability of reaching a watercourse	No					
Has this release endangered or does it have a reasonable probability of endangering public health	No					
Has this release substantially damaged or will it substantially damage property or the environment	No					
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No					

Nature and Volume of Release								
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.								
Crude Oil Released (bbls) Details	Not answered.							
Produced Water Released (bbls) Details	Cause: Equipment Failure Valve Produced Water Released: 22 BBL Recovered: 0 BBL Lost: 22 BBL.							
Is the concentration of chloride in the produced water >10,000 mg/l	Yes							
Condensate Released (bbls) Details	Not answered.							
Natural Gas Vented (Mcf) Details	Not answered.							
Natural Gas Flared (Mcf) Details	Not answered.							
Other Released Details	Not answered.							
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Gathering line offsite developed leak from valve. Allowed fluids to impact soils.							

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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 509332

QUESTIONS ((continued

Operator: DEVON ENERGY PRODUCTION COMPANY, LP	OGRID: 6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	509332
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)
QUESTIONS	
Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	e. gas only) are to be submitted on the C-129 form.
Initial Response	
The responsible party must undertake the following actions immediately unless they could create a s.	afety hazard that would result in injury.
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative o ed 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 relea the 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 uses which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface to does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional

Email: jim.raley@dvn.com Date: 09/25/2025

I hereby agree and sign off to the above statement

Sante Fe Main Office Phone: (505) 476-3441 General Information

Phone: (505) 629-6116

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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 3

Action 509332

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	509332
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

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 ar	nd the following surface areas:
A continuously flowing watercourse or any other significant watercourse	Between ½ and 1 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 300 and 500 (ft.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between ½ and 1 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Critical
A 100-year floodplain	Between 1000 (ft.) and ½ (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to	the appropriate district office no later than 90 days after the release discovery date.
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination	associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in mil	ligrams per kilograms.)
Chloride (EPA 300.0 or SM4500 Cl B)	16000
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed which includes the anticipated timelines for beginning and completing the remediation.	efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,
On what estimated date will the remediation commence	11/03/2025
On what date will (or did) the final sampling or liner inspection occur	11/07/2025
On what date will (or was) the remediation complete(d)	11/07/2025
What is the estimated surface area (in square feet) that will be reclaimed	3014
What is the estimated volume (in cubic yards) that will be reclaimed	412
What is the estimated surface area (in square feet) that will be remediated	3014
What is the estimated volume (in cubic yards) that will be remediated	412
These estimated dates and measurements are recognized to be the best guess or calculation at the	, , , , , , , , , , , , , , , , , , , ,
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in a significantly deviate from the remediation plan proposed, then it should consult with the division to	ccordance with the physical realities encountered during remediation. If the responsible party has any need to o determine if another remediation plan submission is required.

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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 509332

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	509332
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the	appropriate district office no later than 90 days after the release discovery date.
his remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	fEEM0112334510 HALFWAY DISPOSAL AND LANDFILL
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

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

Title: EHS Professional
Email: jim.raley@dvn.com
Date: 09/25/2025

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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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 509332

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	509332
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

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

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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 509332

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP	OGRID: 6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	509332
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)
QUESTIONS	
Sampling Event Information	
Last sampling notification (C-141N) recorded	{Unavailable.}
Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all re	emediation steps have been completed.
Requesting a remediation closure approval with this submission	No

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 509332

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	509332
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	The Remediation Plan is Conditionally Approved. The Variance Request to use the Environmental Karst Study to ultimately determine the site as "stable" is approved. Any area designated as a "release extent" or "release area" will need to have confirmation samples conducted within the entire boundary of that area. Please collect confirmation samples, representing no more than 200 ft2. All samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. Floor confirmation samples should be delineated/excavated to meet closure criteria standards from Table 1 of the OCD Spill Rule for site receptor characterization/proven depth to water determination. Please make sure that the edge of the release extent is accurately defined. Sidewall/edge samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. The work will need to be completed in 90 days after the report has been reviewed.	11/6/2025