

April 29, 2025

New Mexico Energy Minerals and Natural Resources Department New Mexico Oil Conservation Division 1220 South St. Francis Drive Santa Fe, New Mexico 87505

Re: Deferral Request Alley Cat 17 CTB 3

Incident Number nAPP2435154758

Lea County, New Mexico

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of Devon Energy Production Company, LP (Devon), has prepared this *Deferral Request* to document assessment and soil sampling activities at the Alley Cat 17 CTB 3 (Site) in Unit D, Section 17, Township 23 South, Range 32 East, in Lea County, New Mexico (Figure 1). The Site (32.308948°, -103.695675°) is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM).

The purpose of the Site assessment and soil sampling activities was to assess for the presence or absence of impacts to soil following a release of crude oil at the Site. Based on field observations, field screening activities, and soil sample laboratory analytical results, Devon is submitting this *Deferral Request*, describing Site assessment, delineation and excavation activities that have occurred to date and requesting deferral of final remediation for Incident Number nAPP2435154758 until the Site is reconstructed and/or the well pad is abandoned.

### **BACKGROUND**

On December 15, 2024, a hole developed on a separator dump valve, resulting in the release of approximately 7 barrels (bbls) of crude oil onto the pad surface. A vacuum truck was immediately dispatched to the Site to recover free-standing fluids; 5 bbls of crude oil were recovered from release area. Devon reported the release to the New Mexico Oil Conservation Division (NMOCD) via on the NMOCD Portal December 16, 2024. The release was assigned Incident Number nAPP2435154758.

#### SITE CHARACTERIZATION AND CLOSURE CRITERIA

The Site was characterized to assess applicability of Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29 (19.15.29) of the New Mexico Administrative Code (NMAC). Results from the characterization desktop review are presented on page 3 of the Form C-141, Site Assessment/Characterization. Potential Site receptors are identified on Figure 1.

The closest permitted groundwater well with depth to groundwater data is New Mexico Office of the State Engineer (NMOSE) well C 04815 POD1, located approximately 0.45 miles northwest of the Site. The well had a reported depth to groundwater greater than 55 feet below ground surface (bgs) and a total depth of 55 feet bgs. There are no regional or Site-specific hydrogeological conditions, such as

Ensolum, LLC | Environmental, Engineering & Hydrogeologic Consultants 3122 National Parks Highway | Carlsbad, NM 88220 | ensolum.com



shallow surface water, karst features, wetlands, or vegetation that suggest the Site is conducive to shallower groundwater. All wells used for depth to groundwater determination are presented on Figure 1. The referenced well record is included in Appendix A.

The closest continuously flowing or significant watercourse to the Site is a freshwater pond, located approximately 20,645 feet northwest of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (low potential karst designation area). Site receptors are identified on Figure 1.

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

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

#### SITE ASSESSMENT ACTIVITIES

On December 18, 2024, Ensolum personnel visited the Site to evaluate the release extent based on information provided on the Form C-141 and visual observations and to conduct lateral delineation sampling. Seven delineation soil samples (SS01 through SS07) were collected from around the release extent at ground surface to assess the lateral extent of the release. The release extent was mapped utilizing a handheld Global Positioning System (GPS) unit and is depicted on Figure 2. Photographic documentation was completed during the Site visit and a photographic log is included as Appendix B.

Beginning on December 31, 2024, Ensolum personnel were onsite to conduct vertical and additional lateral delineation sampling activities. Six delineation soil samples (SS08 through SS13) were collected from around the release extent at ground surface to assess the lateral extent of the release. Four boreholes (BH01 through BH04) were advanced via hand auger within the release extent to assess the vertical extent of release. Boreholes BH02 and BH04 were advanced to a depth of 1-foot bgs, borehole BH01 was advanced to a depth of 6 feet bgs, and BH03 was advanced to a depth of 8 feet bgs.

On February 11, 2025, Ensolum personnel returned to the Site to advance borehole sample point BH03 via core drill to a depth of 14 feet bgs. Discrete delineation soil samples were collected from each borehole and field screened for chloride and TPH utilizing QuanTab® chloride test strips and a PetroFLAG® Soil Analyzer System, respectively. Field screening results and observations for the boreholes were logged on lithologic/soil sampling logs, which are included in Appendix C. The delineation soil sample locations are depicted on Figure 2.

Lateral delineation soil samples (SS01 through SS13) and discrete delineation soil samples from boreholes (BH01 through BH04) were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice and transported under strict chain-of-custody procedures to Envirotech Analysis Laboratory (Envirotech) in Farmington, New Mexico, for analysis of the following chemicals of concern (COCs): BTEX following United States



Environmental Protection Agency (EPA) Method 8021B; TPH-GRO, TPH-DRO, and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following EPA Method 300.0.

#### LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for preliminary soil samples (SS01 through SS06, and SS08 through SS11 and SS13) collected at ground surface indicated all COC concentrations were compliant with strictest Closure Criteria. Laboratory analytical results for preliminary soil sample SS12 collected at ground surface indicated all COC concentrations were compliant with Site Closure Criteria. Laboratory analytical results for preliminary soil sample SS07 collected at ground surface was not compliant with Site Closure Criteria, however, this sample point was removed during excavation.

Laboratory analytical results for the vertical delineation soil samples collected from boreholes BH02 and BH04 indicated concentrations of TPH exceeded the Strictest Closure Criteria at ground surface but were compliant at 1-foot bgs. Borehole BH01 indicated concentrations of BTEX and TPH exceeded the Site Closure Criteria at ground surface but was compliant with the strictest Closure Criteria at 6 feet bgs. Borehole BH03 indicated concentrations of TPH exceeded the Site Closure Criteria at ground surface but was compliant with the Site closure Criteria at 2 feet bgs and the strictest Closure Criteria at 14 feet bgs. Laboratory analytical results are summarized in Table 1 and the complete laboratory analytical reports are included as Appendix D.

#### **EXCAVATION ACTIVITIES**

Beginning on March 10, 2025, Ensolum personnel oversaw the excavation of impacted soil from the release areas on the northeast and west sides of the tank battery containment. Excavation activities were performed utilizing a backhoe to depths ranging from 0.5 feet to 1-foot bgs. To direct excavation activities, soil was field screened for chloride and TPH as previously described above. Photographic documentation is included in Appendix B.

Following removal of impacted soil, 5-point composite soil samples were collected every 200 square feet from the floor and sidewalls of the excavation. The 5-point composite soil samples were collected by placing five equivalent aliquots of soil into a 1-gallon, resealable plastic bag and homogenizing the samples by thoroughly mixing. Composite soil samples (FS01 through FS12) were collected from the floors of the excavations and sidewall soil sample (SW01) was collected from the wall against a separator on the east side of the excavation at depths ranging from ground surface to 1-foot bgs. The soil samples were handled and analyzed as previously described. The excavation extents and excavation soil sample locations were mapped utilizing a handheld GPS unit and are depicted on Figure 3.

A total of approximately 100 cubic yards of impacted soil were removed during excavation activities. The impacted soil was transported and properly disposed of at the R360 Halfway in Hobbs, New Mexico.

# LABORATORY ANALYTICAL RESULTS

Laboratory analytical results of confirmation soil floor samples FS01, FS02, and FS04 through FS10 results indicated all COC concentrations were compliant with the Site Closure Criteria.

Laboratory analytical results for the excavation floor soil samples FS03, FS11 and FS12 exceeded Site Closure Criteria at 1-foot, 0.5 feet, and 0.5 feet bgs, respectively. Laboratory analytical results for the sidewall soil sample SW01 collected from ground surface to 1-foot bgs exceeded the Site Closure Criteria. Laboratory analytical results are summarized in Table 2 and the complete laboratory analytical reports are included as Appendix D.



# **DEFERRAL REQUEST**

Devon is requesting a deferral of final remediation due to the presence of active production equipment. Impacted soil is limited to the area immediately beneath and around active production equipment and pipelines on the north side of the pad, where remediation would require a major facility deconstruction.

Impacted soil remaining in place in confirmation floor sample areas FS03, FS11, FS12, which is delineated vertically by borehole samples BH01 collected at a depth of 6 feet bgs, BH02 collected at a depth of 2 feet bgs, BH03 collected at a depth of 14 feet bgs BH04 collected at a depth of 1-foot bgs and laterally by delineation soil samples SS01 through SS06, and SS08 through SS13 collected at the ground level and confirmation floor samples (FS01, FS02, FS05 and FS06) collected at 1-foot bgs and (FS04 and FS07 through FS12) collected at 0.5 feet bgs. Laboratory analytical results from sidewall soil samples SW01 confirm the presence of TPH containing soil is limited to the area beneath a separator. Approximately 220 cubic yards of chloride and TPH-impacted soil remains in place beneath and between the separators based on a maximum depth of 6-foot depth determined through delineation and confirmation soil sampling. The impacted soil volume estimate includes waste-containing soil volumes to be addressed through reconstruction of the containment or final pad reclamation.

Devon does not believe deferment will result in imminent risk to human health, the environment, or groundwater. Depth to groundwater was determined to be greater than 55 feet bgs, and the impacted soil remaining in place is limited to the area immediately beneath the liner and west of containment. The liner has been repaired by Devon and will restrict future releases and/or vertical migration of residual impacts and any interactions with humans and/or wildlife.

Based on the presence of active production equipment within the release area and the complete lateral and vertical delineation of impacted soil remaining in place, Devon requests deferral of final remediation for Incident Number nAPP2435154758 until final reclamation of the well pad or major construction, whichever comes first. Remedial actions completed to date have been protective of human health, the environment, and groundwater and deferment of impacted soil beneath the lined containment appears to be equally protective and warranting deferment. Notifications submitted to the NMOCD are included in Appendix E.

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

Sincerely,

Ensolum, LLC

Ashely Giovengo Associate Principal Daniel R. Moir, PG Senior Managing Geologist

cc: Jim Raley, Devon

BLM

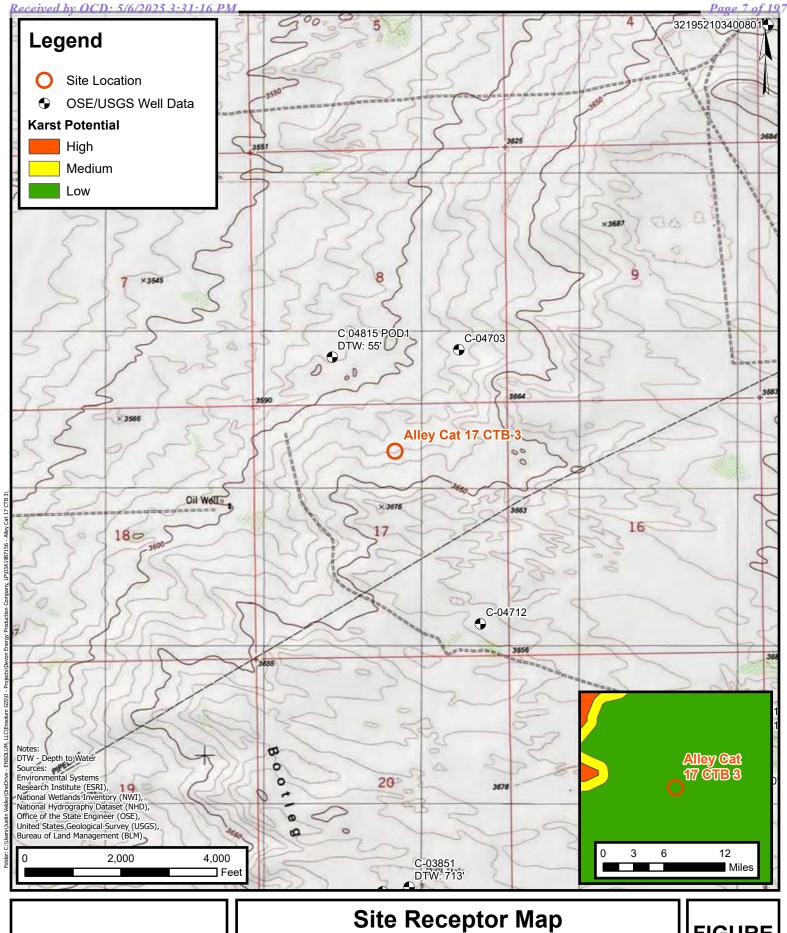


# Appendices:

Figure 1 Figure 2 Figure 3	Site Receptor Map Delineation Soil Sample Locations Excavation Soil Sample Locations
Figure 4	Area of Requested Deferral
Table 1	Delineation Soil Sample Analytical Results
Table 2	Confirmation Soil Sample Analytical Results (Excavation Floor Soil Samples)
Table 3	Confirmation Soil Sample Analytical Results (Sidewall Soil Samples)
Appendix A	Reference Wells
Appendix B	Photographic Log Lithologic Soil Sampling Logs
Appendix C	Lithologic Soil Sampling Logs
Appendix D	Laboratory Analytical Reports & Chain-of-Custody Documentation
Appendix E	NMOCD Correspondence



**FIGURES** 

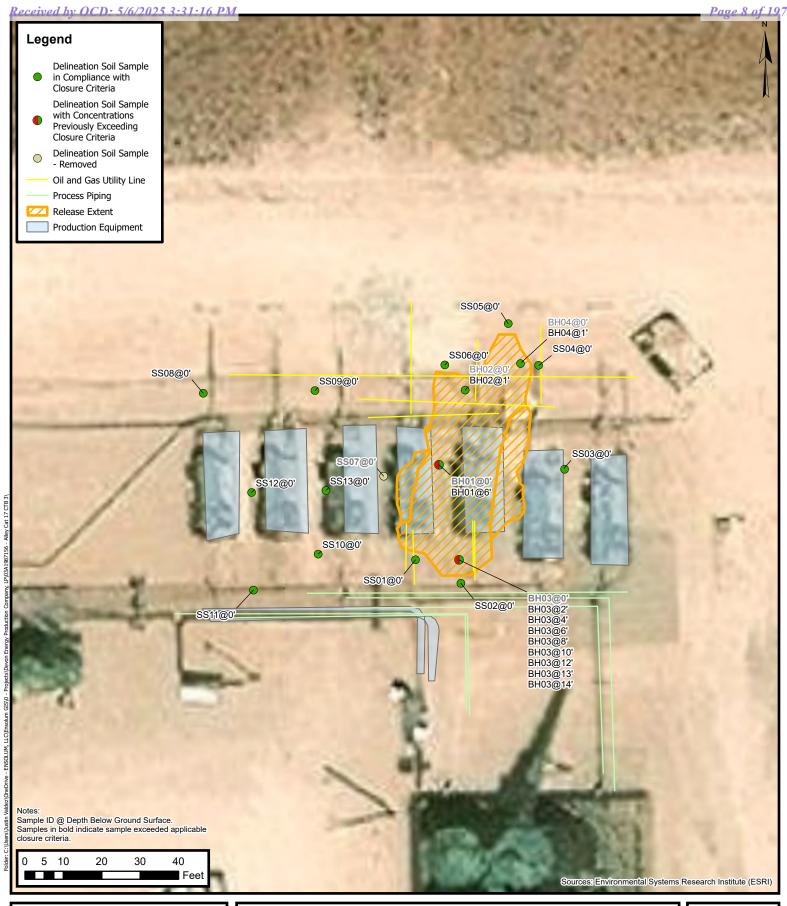




Devon Energy Production Company, LP
Alley Cat 17 CTB 3
Incident Number: nAPP2435154758
Unit D, Section 17, T 23S, R 32E
Lea County, New Mexico

FIGURE 1

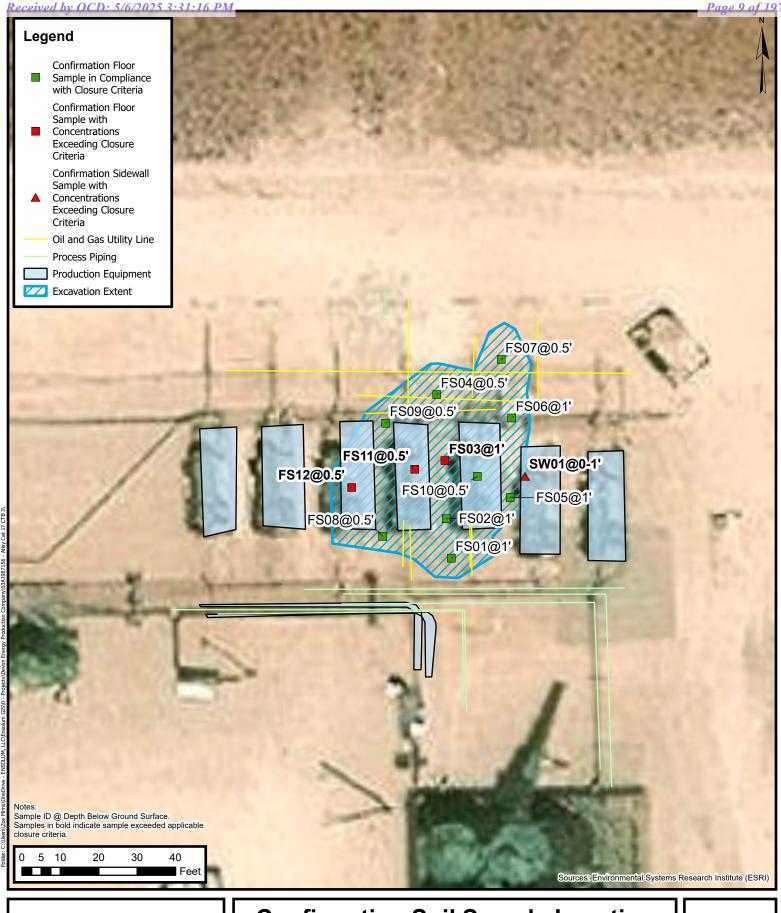
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# **Delineation Soil Sample Locations**

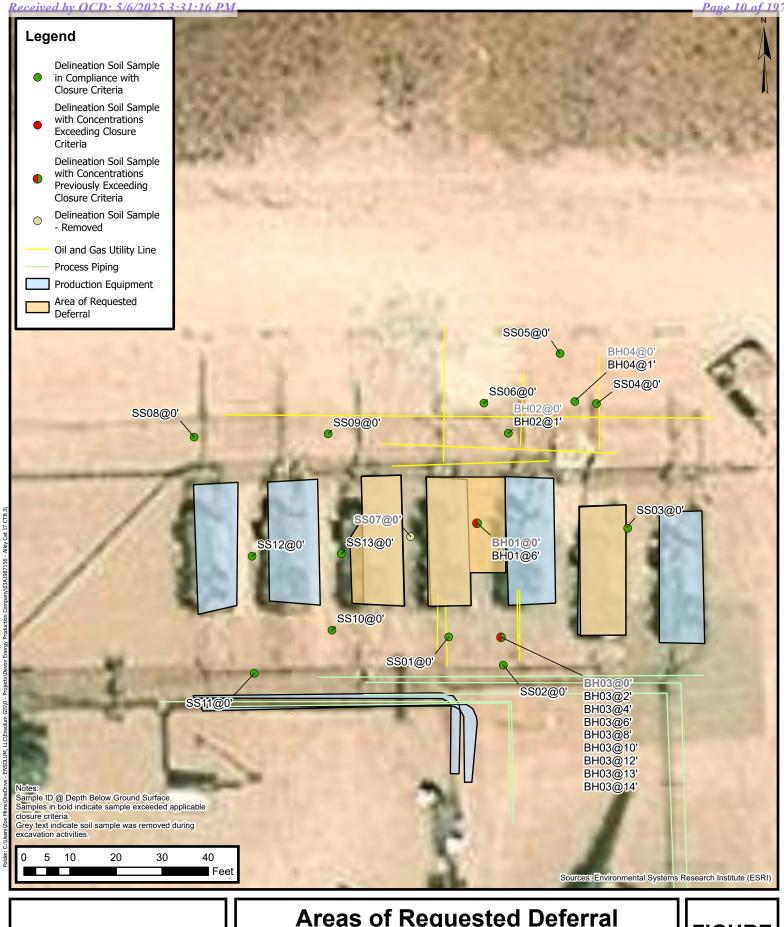
Devon Energy Production Company, LP Alley Cat 17 CTB 3 Incident Number: nAPP2435154758 Unit D, Section 17, T 23S, R 32E Lea County, New Mexico FIGURE 2





# **Confirmation Soil Sample Location**

Devon Energy Production Company, LP Alley Cat 17 CTB 3 Incident Number: nAPP2435154758 Unit D, Section 17, T 23S, R 32E Lea County, New Mexico FIGURE 3





# **Areas of Requested Deferral**

Devon Energy Production Company, LP Alley Cat 17 CTB 3 Incident Number: nAPP2435154758 Unit D, Section 17, T 23S, R 32E Lea County, New Mexico

**FIGURE** 4



**TABLES** 



# TABLE 1 SOIL SAMPLE ANALYTICAL RESULTS Alley Cat 17 CTB 3 Devon Energy Production Company, LP Lea County, New Mexico

				Lea	County, New Me	XICO				
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	10,000
				Delin	eation Soil San	nples				
SS01	12/18/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	399
SS02	12/18/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS03	12/18/2024	0	<0.0250	<0.0500	<20.0	34.4	59	34.4	93.4	155
SS04	12/18/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	269
SS05	12/18/2024	0	<0.0250	<0.0250	<20.0	35.4	<50.0	35.4	35.4	170
SS06	12/18/2024	0	<0.0250	<0.0500	<20.0	116	69	116	185	68.1
SS07	12/18/2024	0	< 0.0250	< 0.0500	<20.0	1,900	1,250	1,900	3,150	59.2
SS08	2/3/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	107
SS09	2/3/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	82
SS10	2/3/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	112
SS11	2/3/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	236
SS12	2/3/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,040
SS13	2/3/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	113
BH01	12/31/2024	0	2.32	230.72	<1,000	30,000	11,900	30,000	41,900	8,410
BH01	12/31/2024	6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	356
BH02	12/31/2024	0	< 0.0250	< 0.0500	<20.0	228	206	228	434	378
BH02	12/31/2024	1	< 0.0250	< 0.0500	<20.0	<25.0	51.2	<25.0	51.2	28.8

#### Notes:

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

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

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

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

GRO: Gasoline Range Organics DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

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



# **TABLE 1 - CONT'D**

# **SOIL SAMPLE ANALYTICAL RESULTS**

Alley Cat 17 CTB 3

**Devon Energy Production Company, LP** 

Lea County,	<b>New Mexico</b>
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Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	10,000
		·		Delir	eation Soil San	ıples				
BH03	12/31/2024	0	0.749	100.149	631	19,900	7,210	20,531	27,741	6,900
BH03	12/31/2024	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,470
BH03	12/31/2024 4		<0.0250	<0.0500	<20.0	113	99.2	113	212.2	894
BH03	12/31/2024	6	<0.0250	<0.0500	<20.0	82.6	68.2	82.6	150.8	946
BH03	12/31/2024	8	<0.0250	<0.0500	<20.0	35.5	<50.0	35.5	35.5	1,380
BH03	2/11/2025	10	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	443
BH03	2/11/2025	12	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	465
BH03	2/11/2025	13	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	215
BH03	2/11/2025	14	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	35
BH04	12/31/2024	0	< 0.0250	<0.0500	<20.0	42.4	57.5	42.4	99.9	24.8
BH04	12/31/2024	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0

#### Notes:

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

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

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

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

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

<sup>&</sup>quot;<": Laboratory Analytical result is less than reporting limit



# TABLE 2 **SOIL SAMPLE ANALYTICAL RESULTS** Alley Cat 17 CTB 3 **Devon Energy Production Company, LP** Lea County, New Mexico

					County, New Mc					
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	10,000
				Excava	tion Floor Soil S	Samples				
FS01	3/12/2025	1	< 0.0250	<0.0500	<20.0	321	267	321	588	1,130
FS02	3/12/2025	1	<0.0250	<0.0500	<20.0	632	431	632	1063	3,420
FS03	3/13/2025	1	<0.0250	<0.0500	21.0	1,730	778	1,751	2,529	798
FS04	3/17/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS05	3/12/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,440
FS06	3/17/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	90.7
FS07	3/17/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	60.4
FS08	3/13/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,030
FS09	3/17/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	40.7
FS10	3/13/2025	0.5	<0.0250	<0.0500	<20.0	172	176	172	348	2,730
FS11	3/13/2025	0.5	<0.0250	<0.0500	<20.0	1,240	1,130	1,240	2,370	2,850
FS12	3/13/2025	0.5	< 0.0250	<0.0500	<20.0	1,030	1,170	1,030	2,200	167

#### Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

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

\* 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.

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

<sup>&</sup>quot;<": Laboratory Analytical result is less than reporting limit

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



3,145

1,510

#### TABLE 3 **SOIL SAMPLE ANALYTICAL RESULTS** Alley Cat 17 CTB 3 **Devon Energy Production Company, LP** Lea County, New Mexico Depth Benzene **Total BTEX TPH GRO TPH DRO TPH ORO GRO+DRO Total TPH** Chloride Sample Date Designation (feet bgs) (mg/kg) (mg/kg) (mg/kg) (mg/kg) (mg/kg) (mg/kg) (mg/kg) (mg/kg) NMOCD Table I Closure Criteria (NMAC 19.15.29) 1,000 10,000 10 50 NE NE NE 2,500

**Sidewall Soil Samples** 

<20.0

2,150

#### Notes:

SW01

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

3/17/2025

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

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

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

0-1

< 0.0250

< 0.0500

995

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

2,150

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

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



**APPENDIX A** 

Well Log and Record

PAGE 1 OF 2

WELL TAG ID NO.



NC	OSE POD NO. (W	ELL NO.	OD/	WELL TAG ID NO.			OSE FILE NO(S). C-4815-POD1				
CATIC	WELL OWNER N Devon Energy		rces			PHONE (OPTIONAL)					
VELL LO	WELL OWNER M 205 E. Bender					CITY STATE Hobbs NM 88240					
1. GENERAL AND WELL LOCATION	WELL LOCATION (FROM GPS)  DESCRIPTION R	LON	TTUDE IGITUDE	32 18 5 -103 41 5	ONDS 51.8 N 59.4 W DMARKS - PLS						
	LICENSE NO. 1833		NAME OF LICENSED	DRILLER  Jason Maley			NAME OF WELL DRI	ILLING COMPANY ision Resources			
	DRILLING STAR 4-16-24		DRILLING ENDED 4-16-24	DEPTH OF COMPLETED WELL (FT) 55'	BORE HO	LE DEPTH (FT) 55'	DEPTH WATER FIRS	ST ENCOUNTERED (FT) N/A			
Z	COMPLETED WE	ELL IS:	ARTESIAN *add Centralizer info bel	✓ DRY HOLE SHALLOW (UN	CONFINED)		WATER LEVEL PLETED WELL (	DATE STATIC N 4-16-			
RMATIO	DRILLING FLUID DRILLING METH		AIR ROTARY HAMM	MUD ADDITIVES – SI		CHECK HERE IF PITLESS ADAPTER IS INSTALLED					
DRILLING & CASING INFORMATION	DEPTH (feet bgl)  FROM  TO  DIAM (inches)			CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CON	ASING NECTION TYPE bling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)		
& CA	0	45	6"	PVC 2" SCH40		Thread	2"	SCH40	N/A		
2. DRILLING	45	55	6"	PVC 2" SCH40	1	Thread	2"	SCH40	.02		
							OSE OIJ APR	25 2024 PM2:37			
	DEPTH (fee	et bgl)	BORE HOLE	LIST ANNULAR SEAL MATERIAL A		L PACK SIZE-	AMOUNT	метно	D OF		
FERIAL	FROM	то	DIAM. (inches)	*(if using Centralizers for Artesian well  None pulled and	ls- indicate th	e spacing below)	(cubic feet)	PLACEM	IENT		
3. ANNULAR MATERIAL											
3. ANN											
FOR	OSE INTERNA	L USE	_	POD NO.		WR-2		& LOG (Version 09/2:	2/2022)		

LOCATION 235.32E.08.143

TT X	DEPTH (	feet bgl)		COLOR AN	D TYPE OF MATE	DIAL EX	JCOLINI	repen -	WA	TED	ESTIMATED
	FROM	то	THICKNESS (feet)	INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)						TER RING? 5 / NO)	YIELD FOR WATER- BEARING ZONES (gpm)
	0	10	10'		Brown sand wi	th caliche			Y	✓ N	
	10	30	20'		Y	✓ N					
	30	55	25'		Tan fine	and			Y	√N	
									Y	N	
									Y	N	
7									Y	N	
4. HYDROGEOLOGIC LOG OF WELL									Y	N	
OF									Y	N	
90									Y	N	
CL									Y	N	
OG									Y	N	
EOL									Y	N	
SO									Y	N	
YDE									Y	N	
4. H									Y	N	
									Y	N	
									Y	N	
						_	-		Y	N	
							_		Y	N	
- 3		-							-		
1									Y	N N	
1	METHOD I	ISED TO E	STIMATE YIELD	OF WATER-BEARIN	IG STRATA:			Т	OTAL ESTI		
	PUM		_		THER – SPECIFY: I	Ory hole		V	VELL YIEL	D (gpm):	0
N	WELL TES	TEST STAI	RESULTS - ATT	ACH A COPY OF DA'	TA COLLECTED D HOWING DISCHA	URING RGE AN	WELL T	ESTING, INCLU WDOWN OVER	JDING DISC THE TESTI	CHARGE I	METHOD, DD.
ISION	MISCELLA	NEOUS IN	FORMATION:								
5. TEST; RIG SUPERV	,							038	E OTT APP	25 202	24 pm2:37
EST	PRINT NA	ME(S) OF I	DRILL RIG SUPER	RVISOR(S) THAT PRO	OVIDED ONSITE S	UPERVI	SION O	F WELL CONST	RUCTION	OTHER TH	HAN LICENSEE
5. T	Jason Male										
SIGNATURE	CORRECT	RECORD	OF THE ABOVE I	FIES THAT, TO THE DESCRIBED HOLE AT 00 DAYS AFTER COM	ND THAT HE OR S	HE WIL	L FILE	GE AND BELIEI THIS WELL REC	F, THE FOR	EGOING H THE ST	IS A TRUE ANI ATE ENGINEER
.9		SIGNA	TURE OF DRILLE	ER / PRINT SIGNEE	ENAME					DATE	
FO	R OSE INTER	NAI IISE	7					WR-20 WELL	RECORD	k LOG (Ve	ersion 09/22/2022
		04819			POD NO.	1			5744		VII VII BULL
LO			32E.08.	143		•	WELL	TAG ID NO.			PAGE 2 OF 2

Mike A. Hamman, P.E. State Engineer



Roswell Office 1900 WEST SECOND STREET ROSWELL, NM 88201

# STATE OF NEW MEXICO OFFICE OF THE STATE ENGINEER

Trn Nbr: File Nbr:

757440 C 04815

Well File Nbr: C 04815 POD1

Apr. 25, 2024

CHANCE DIXON VERTEX RESOURCE SERVICES INC 3101 BOYD DRIVE CARLSBAD, NM 88220

Greetings:

The above numbered permit was issued in your name on 03/14/2024.

The Well Record was received in this office on 04/25/2024, stating that it had been completed on 04/16/2024, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 03/14/2025.

If you have any questions, please feel free to contact us.

Sincerely,

Rodolfo Chavez (575) 622-6521

Rodolfo Chang

drywell



**APPENDIX B** 

Photographic Log



Devon Energy Production Company, LP
Alley Cat 17 CTB 3
nAPP2435154758





Photograph 1
Description: Signage
View: NA

Date:12/15/2024

Photograph 2
Description: Initial Spill

View: NA

Date:12/15/2024

raph 3 Date: 12/15/2024

Photograph 3
Description: Initial Spill

View: NA

Photograph 4

Description: Point of Release

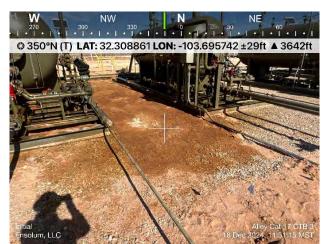
View: NA

Date:12/15/2024



Devon Energy Production Company, LP Alley Cat 17 CTB 3 nAPP2435154758





Photograph 5 Date:12/18/2024 Photograph 6 Date:12/18/2024

Description: Initial

View: North

Description: Initial

View: North





Photograph 7 Date:12/18/2024 Photograph 8 Date:12/18/2024

Description: Initial

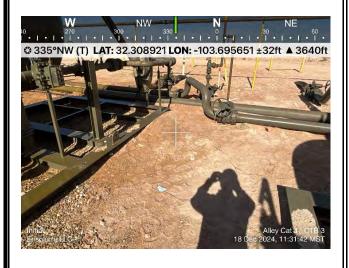
View: Northwest

Description: Initial

View: North



Devon Energy Production Company, LP Alley Cat 17 CTB 3 nAPP2435154758





Photograph 9 Date:12/18/2024 Photograph 10 Date:12/18/2024

Description: Initial

View: Northwest

Description: Initial

View: West



Photograph 11 Date:12/18/2024 Photograph 12 Date:12/18/2024

Description: Initial

View: Southwest

View: Southwest



Devon Energy Production Company, LP Alley Cat 17 CTB 3 nAPP2435154758





Photograph 13

Description: Initial View: South

Date:12/18/2024

Photograph 14
Description: Initial

View: Southwest

Date:12/18/2024





Photograph 15

Description: Initial
View: South

Date:12/18/2024

Photograph 16
Description: Initial

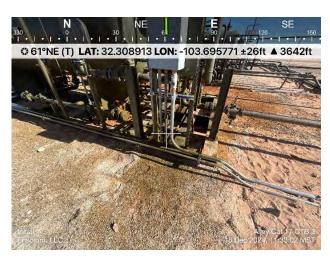
View: Southeast

Date:12/18/2024



Devon Energy Production Company, LP Alley Cat 17 CTB 3 nAPP2435154758





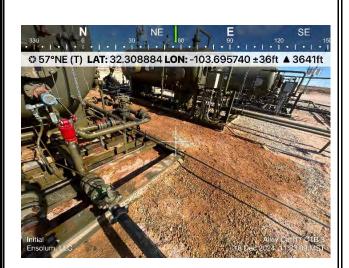
Photograph 17 Date:12/18/2024 Photograph 18 Da

Description: Initial

View: Southeast

View: Northeast

Date:12/18/2024





Photograph 19 Date:12/18/2024 Photograph 20 Date:12/18/2024

Description: Initial

View: Northeast

Description: Initial

View: East



Devon Energy Production Company, LP Alley Cat 17 CTB 3 nAPP2435154758





Photograph 21 Date:12/31/2024

Description: BH01

View: Northeast

Photograph 22 Description: BH02

View: South





Photograph 23 Description: BH03

View: Northeast

Date:12/31/2024

Photograph 24

Description: BH04 View: Southwest Date:12/31/2024

Date:12/31/2024



Devon Energy Production Company, LP
Alley Cat 17 CTB 3
nAPP2435154758





Photograph 25

Description: One Call View: West

Date:1/21/2025

Photograph 26

Description: One Call View: West

Date:1/21/2025





Photograph 27

Description: One Call View: Southeast Date:1/21/2025

Photograph 28

Description: One Call

View: East

Date:1/21/2025



Devon Energy Production Company, LP Alley Cat 17 CTB 3 nAPP2435154758





Photograph 29
Description: SS08

View: East

Date:2/3/2025

Photograph 30

Description: SS09 View: East Date:2/3/2025





Photograph 31 Description: SS10

View: North

Date:2/3/2025

Photograph 32

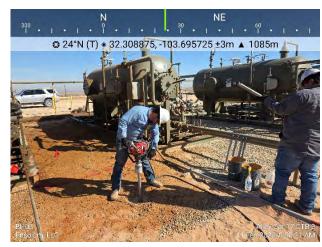
Description: SS11
View: Northwest

Date:2/3/2025



Devon Energy Production Company, LP Alley Cat 17 CTB 3 nAPP2435154758





Photograph 33
Description: SS13

escription: SS13
View: South

Date:2/3/2025

Photograph 34
Description: BH03

View: Northeast

Date:2/11/2025





Photograph 35

Description: BH03
View: Northeast

Date:2/11/2025

Photograph 36 Description: BH03

View: North

Date:2/11/2025



Devon Energy Production Company, LP Alley Cat 17 CTB 3 nAPP2435154758





Photograph 37 Description: Excavation Date:3/12/2025

Photograph 38 Description: Excavation Date:3/12/2025

View: West

View: North





Photograph 39 Description: Excavation Date:3/12/2025

Photograph 40 Date:3/12/2025

View: Southwest

Description: Excavation View: Southeast



Devon Energy Production Company, LP Alley Cat 17 CTB 3 nAPP2435154758





Photograph 41

Date:3/13/2025

Photograph 42 Date:3/17/2025

Description: Excavation

View: Southeast

Description: Excavation View: North





Photograph 43 Description: Excavation Date:3/17/2025

Photograph 44 Description: Excavation Date:3/17/2025

View: Southwest

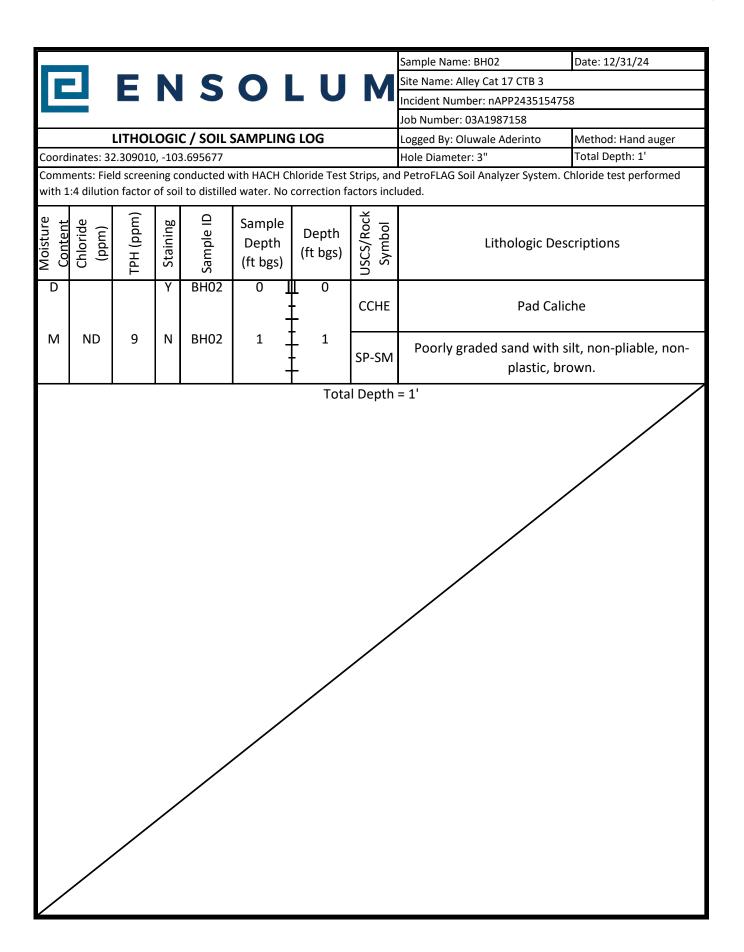
View: East



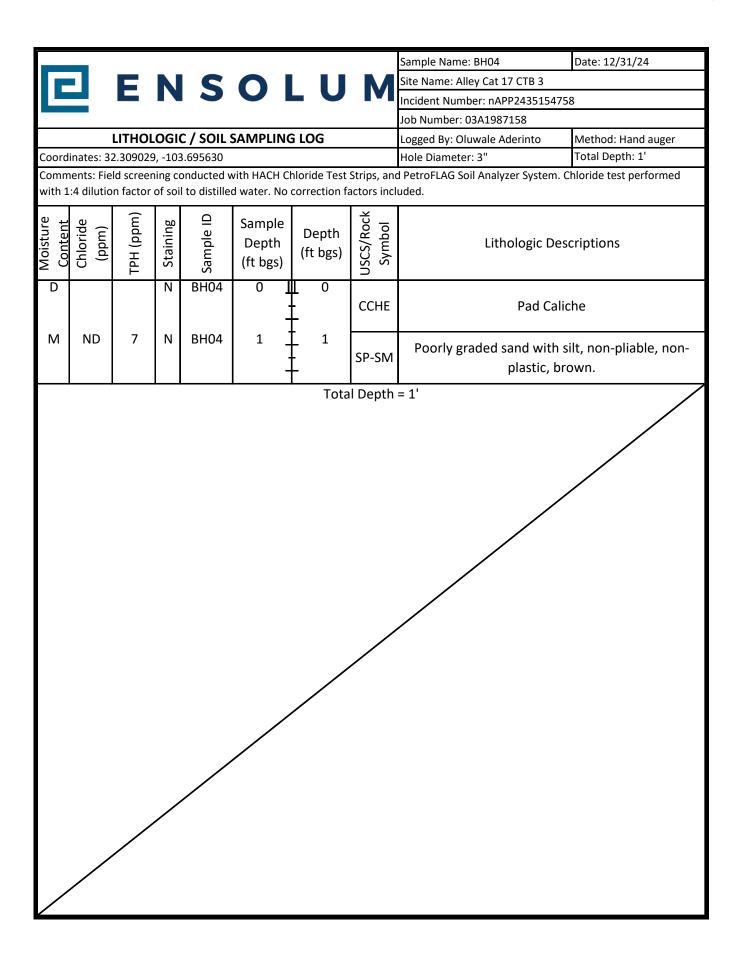
**APPENDIX B** 

Lithologic Soil Sampling Logs

								Sample Name: BH01	Date: 12/31/24			
			N	C	OL		M	Site Name: Alley Cat 17 CTB 3				
						Incident Number: nAPP2435154758						
						Job Number: 03A1987156						
	L	ITHOL	OGIC	S / SOIL S	AMPLING	Logged By: Oluwale Aderinto	Method: Hand auger					
Coord	inates: 32.	.308957,	-103.	695700		Hole Diameter: 3"	Total Depth: 6'					
	Comments: Field screening conducted with HACH Chloride Test Strips, and PetroFLAG Soil Analyzer System. Chloride test performed w 1:4 dilution factor of soil to distilled water. No correction factors included.											
Moisture Content	Chloride (ppm)	ТРН (ррт)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic	Descriptions			
M			Υ		0 1	[ 0 - -	ССНЕ	Pad o	caliche			
М	1,713		N		1 _	1						
М	918		N		2 _	<u>-</u> _ 2						
М	638		N		3 _	- _ 3 -	SP-SM		th silt, Non-pliable, non-			
М	576		N		4	<u> </u>		plustic	, diowii.			
М	576		N		5 _	- _ 5 -						
М	515	15	N		6	6						
171	313	13	1 1 1		U		Depth :	= 6'				
			/									



								Sample Name: BH03	Date: 12/31/24			
								Site Name: Alley Cat 17 CTB 3				
			V	3	OL	_ U	IAI	Incident Number: nAPP2435154758				
								Job Number: 03A1987156				
	L	ITHOLO	OGIC	/ SOIL S	AMPLING	ogged By: Oluwale Aderinto Method: Hand auger						
Coord	inates: 32.							Hole Diameter: 3"	Total Depth: 14'			
	ents: Field No correc				th HACH Chl	ride test performed with 1:4 diluti	on factor of soil to distilled					
Moisture Content	Chloride (ppm)	ТРН (ррт)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic De	scriptions			
М			Υ	BH03	0 <u>I</u> -	<u> </u>	ССНЕ	Pad Cal	iche			
М	1,982		N		1 _	1						
М	2,133		N		2	2 -						
М	1,170		N		3 _	3 						
М	1,265		N		4 _	- - 4 -						
М	918		N		5 _	5 5						
М	1,265		N		6 _	6 6	SP-SM	Poorly graded sand with	•			
М	1,842		N		7 _	- _ 7		plastic, b	rown.			
М	1,842		N		8 _	- _ 8 -						
М	1,300		N		10	10						
М	600		N		12	12						
М	400		N		13	13						





# APPENDIX D

Laboratory Analytical Reports & Chain-of-Custody Documentation

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





# envirotech

Practical Solutions for a Better Tomorrow

### **Analytical Report**

Devon Energy - Carlsbad

Project Name: Alley Cat 17 CTB 3

Work Order: E412165

Job Number: 01058-0007

Received: 12/20/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 12/31/24

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

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

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

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

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

Date Reported: 12/31/24

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Alley Cat 17 CTB 3

Workorder: E412165

Date Received: 12/20/2024 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/20/2024 8:00:00AM, under the Project Name: Alley Cat 17 CTB 3.

The analytical test results summarized in this report with the Project Name: Alley Cat 17 CTB 3 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

Field Offices:

Southern New Mexico Area

Lynn Jarboe

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

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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QC - Nonhalogenated Organics by EPA 8015D - GRO	7
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	8
QC - Anions by EPA 300.0/9056A	9
Definitions and Notes	10
Chain of Custody etc.	11

#### **Sample Summary**

_				
Γ	Devon Energy - Carlsbad	Project Name:	Alley Cat 17 CTB 3	Reported:
ı	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
	Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/31/24 09:45

Client Sample ID	Lab Sample ID Matr	ix Sampled	Received	Container
SS05 @ 0'	E412165-01A Soil	12/18/24	12/20/24	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	Alley Cat 17 CTB 3	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/31/2024 9:45:57AM

SS05 @ 0' E412165-01

		E412165-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2451088
Benzene	ND	0.0250	1	12/20/24	12/21/24	
Ethylbenzene	ND	0.0250	1	12/20/24	12/21/24	
Toluene	ND	0.0250	1	12/20/24	12/21/24	
o-Xylene	ND	0.0250	1	12/20/24	12/21/24	
p,m-Xylene	ND	0.0500	1	12/20/24	12/21/24	
Total Xylenes	ND	0.0250	1	12/20/24	12/21/24	
Surrogate: 4-Bromochlorobenzene-PID		87.6 %	70-130	12/20/24	12/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2451088
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/20/24	12/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.1 %	70-130	12/20/24	12/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2451100
Diesel Range Organics (C10-C28)	35.4	25.0	1	12/20/24	12/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/20/24	12/24/24	
Surrogate: n-Nonane		112 %	50-200	12/20/24	12/24/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2451079
Chloride	170	20.0	1	12/19/24	12/20/24	



Surrogate: 4-Bromochlorobenzene-PID

### **QC Summary Data**

Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Number:	Alley Cat 17 CTB 3 01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/31/2024 9:45:57AM

Artesia NM, 88210		Project Manager:	As	shley Gioveng	50			12/3	31/2024 9:45:57AM
Volatile Organics by EPA 8021B  Analyst: SI									
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2451088-BLK1)						I	Prepared: 1	2/20/24 Anal	yzed: 12/21/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.77		8.00		84.7	70-130			
LCS (2451088-BS1)						I	Prepared: 1	2/20/24 Anal	yzed: 12/21/24
Benzene	5.65	0.0250	5.00		113	70-130			
Ethylbenzene	5.36	0.0250	5.00		107	70-130			
Toluene	5.52	0.0250	5.00		110	70-130			
o-Xylene	5.33	0.0250	5.00		107	70-130			
p,m-Xylene	10.8	0.0500	10.0		108	70-130			
Total Xylenes	16.2	0.0250	15.0		108	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.04		8.00		88.1	70-130			
LCS Dup (2451088-BSD1)						I	Prepared: 1	2/20/24 Anal	yzed: 12/21/24
Benzene	5.21	0.0250	5.00		104	70-130	7.97	20	
Ethylbenzene	4.97	0.0250	5.00		99.4	70-130	7.64	20	
Toluene	5.11	0.0250	5.00		102	70-130	7.89	20	
o-Xylene	4.94	0.0250	5.00		98.8	70-130	7.57	20	
p,m-Xylene	10.0	0.0500	10.0		100	70-130	7.61	20	
Total Xylenes	15.0	0.0250	15.0		99.9	70-130	7.60	20	

70-130



Surrogate: 1-Chloro-4-fluorobenzene-FID

7.81

#### **QC Summary Data**

Devon Energy - Carlsbad	Project Name:	Alley Cat 17 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/31/2024 9:45:57AM

Artesia NM, 88210		Project Manager	:: As	hley Gioveng	jo			12/3	51/2024 9:45:57A
		Analyst: SL							
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2451088-BLK1)							Prepared: 1	2/20/24 Anal	yzed: 12/21/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.74		8.00		96.7	70-130			
LCS (2451088-BS2)							Prepared: 1	2/20/24 Anal	yzed: 12/21/24
Gasoline Range Organics (C6-C10)	42.4	20.0	50.0		84.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.73		8.00		96.6	70-130			
LCS Dup (2451088-BSD2)							Prepared: 1	2/20/24 Anal	yzed: 12/21/24
Gasoline Range Organics (C6-C10)	44.2	20.0	50.0		88.4	70-130	4.10	20	

70-130

# **QC Summary Data**

Devon Energy - Carlsbad	Project Name:	Alley Cat 17 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	_
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/31/2024 9:45:57AM

ect Manager	r: As	hley Gioveng	go			12	(31/2024 9:45:57A)
nated Org	ganics by l	EPA 8015I	) - DRO	/ORO			Analyst: NV
Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
					Prepared: 12	2/20/24 Ana	lyzed: 12/20/24
25.0							
50.0							
	50.0		109	50-200			
					Prepared: 12	2/20/24 Ana	lyzed: 12/20/24
25.0	250		112	38-132			
	50.0		112	50-200			
		Source:	E412168-	01	Prepared: 12	2/20/24 Ana	lyzed: 12/20/24
50.0	250	4090	332	38-132			M4
	50.0		112	50-200			
		Source:	E412168-	01	Prepared: 12	2/20/24 Ana	lyzed: 12/24/24
50.0	250	4090	250	38-132	4.21	20	M4
	50.0		116				
1	Reporting Limit mg/kg  25.0 50.0	Spike   Limit   Level   mg/kg   mg/kg	### Source:   Source	Source   Source   Result   Rec   R	Source   Family   Source   Result   Rec   Limit   Mind   Mind	Source   Result   Rec   Limits   RPD   Reporting   Limit   Level   Result   Rec   Limits   RPD   Reporting   Mg/kg   mg/kg   mg/kg   % % % % % % % % % % % % % % % % % %	Source   Rec   Limit   Level   Result   Rec   Limits   RPD   Limit   mg/kg   mg/kg   mg/kg   % % % % % % % % % % % % % % % % % %

#### **QC Summary Data**

Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Number:	Alley Cat 17 CTB 3 01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/31/2024 9:45:57AM
	Analyst: DT		

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2451079-BLK1)						I	Prepared: 1	2/19/24 Anal	yzed: 12/19/24
Chloride	ND	20.0							
						_			

Chloride	ND	20.0		
LCS (2451079-BS1)				Prepared: 12/19/24 Analyzed: 12/19/24
Chloride	257	20.0	250	103 90-110
LCS Dup (2451079-BSD1)				Prepared: 12/19/24 Analyzed: 12/19/24
Chloride	257	20.0	250	103 90-110 0.122 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**

Γ	Devon Energy - Carlsbad	Project Name:	Alley Cat 17 CTB 3	
l	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
	Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/31/24 09:45

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.



	-
	10
	C
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	Cilei	nt Inform	ation		Invoice Information Lab Use Only TAT						Stat	е														
Client: D	evon					Com	pany: D	evon Energy	_	_	L	ab \	WO#		30	1 doL	Number		1D	2D	3D St	d	NM	CO UT	TX	
Project:		lley Cat 1				Add	ress: 531	5 Buena Vis	ta Dr		_ [E	<b>E4</b>	wo# 121	65		010	58	-00	07			X		X		
Project N	lanager: Ash	nley Giov	engo			City,	State, Zi	o: Carlsbad	NM, 8822	20																
Address:	3122 Nation	nal Parks	Hwy			Phon	e: (575)6	89-7597								Ana	ysis	and	Met	hod				EP.	A Progra	am
City, State	e, Zip: Carlsl	oad NM,	88220			Email: jim.raley@dvn.com			n															SDWA	CWA	RCRA
Phone: 5	75-988-0055	5						Jim Raley																1000		
	giovengo@er		om										10	10									C	omplianc	e Y	or N
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Time	Date Sampled	Matrix	No. of				ample ID			eld ter	Lab Numb	)	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				13	Remarks	
Sampled	Date Samples	WIGGER	Containers			30	ampie ib			正证	Numb	er	DRG	GR	ВТЕ	NO V	5	BGI	TCE	RC.						
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Printed: 12/20/2024 9:45:35AM

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	12/20/24	08:00		Work Order ID:	E412165
Phone:	(505) 382-1211	Date Logged In:	12/19/24	16:26		Logged In By:	Noe Soto
Email:	agiovengo@ensolum.com	Due Date:	12/31/24	17:00 (4 day TAT)			
Chain of	Custody (COC)						
	ne sample ID match the COC?		Yes				
	ne number of samples per sampling site location mate	ch the COC					
	amples dropped off by client or carrier?	on the coc	Yes Yes	<b>c</b> : <b>c</b>			
	e COC complete, i.e., signatures, dates/times, reques	ted analyses?	Yes	Carrier: <u>C</u>	ourier		
	Il samples received within holding time?	ied allaryses:	Yes				
J. Wele a	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssio		105	_		Comment	s/Resolution
Sample 1	Turn Around Time (TAT)						
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes				
Sample (	<u>Cooler</u>						
7. Was a s	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was th	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes	, were custody/security seals intact?		NA				
	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample	received w/i 15	Yes				
	Container	<u> </u>	<u>~</u>				
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers?		Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field Lal	· · · · · · · · · · · · · · · · · · ·	ers conceica.	103				
	field sample labels filled out with the minimum infor	rmation:					
	ample ID?	mation.	Yes				
	pate/Time Collected?		Yes	L			
C	ollectors name?		No				
Sample I	Preservation_						
21. Does	the COC or field labels indicate the samples were pro-	eserved?	No				
22. Are s	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved m	etals?	No				
Multipha	se Sample Matrix						
26. Does	the sample have more than one phase, i.e., multiphas	e?	No				
27. If yes	, does the COC specify which phase(s) is to be analy	zed?	NA				
	act Laboratory						
	amples required to get sent to a subcontract laborator	v9	No				
	subcontract laboratory specified by the client and if	-	NA	Subcontract Lab	• NI A		
		so wito:	INA	Subcontract Lab	; NA		
Client II	<u>istruction</u>						

Date

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





# envirotech

Practical Solutions for a Better Tomorrow

### **Analytical Report**

Devon Energy - Carlsbad

Project Name: Alley Cat 17 CTB 3

Work Order: E412166

Job Number: 01058-0007

Received: 12/20/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 12/30/24

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

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

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

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

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

Date Reported: 12/30/24

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Alley Cat 17 CTB 3

Workorder: E412166

Date Received: 12/20/2024 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/20/2024 8:00:00AM, under the Project Name: Alley Cat 17 CTB 3.

The analytical test results summarized in this report with the Project Name: Alley Cat 17 CTB 3 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881

Cell: 775-287-1762

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Raina Schwanz

Laboratory Administrator Office: 505-632-1881

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#### Sample Summary

Devon Energy - Carlsbad	Project Name:	Alley Cat 17 CTB 3	Donoutoda
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/30/24 14:52

Client Sample ID	Lab Sample ID Matrix	Sampled	Received	Container
SS01 @ 0'	E412166-01A Soil	12/18/24	12/20/24	Glass Jar, 2 oz.
SS02 @ 0'	E412166-02A Soil	12/18/24	12/20/24	Glass Jar, 2 oz.
SS03 @ 0'	E412166-03A Soil	12/18/24	12/20/24	Glass Jar, 2 oz.
SS04 @ 0'	E412166-04A Soil	12/18/24	12/20/24	Glass Jar, 2 oz.
SS06 @ 0'	E412166-05A Soil	12/18/24	12/20/24	Glass Jar, 2 oz.
SS07 @ 0'	E412166-06A Soil	12/18/24	12/20/24	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	Alley Cat 17 CTB 3	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/30/2024 2:52:14PM

SS01 @ 0' E412166-01

		E412166-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2451088
Benzene	ND	0.0250	1	12/20/24	12/21/24	
Ethylbenzene	ND	0.0250	1	12/20/24	12/21/24	
Toluene	ND	0.0250	1	12/20/24	12/21/24	
o-Xylene	ND	0.0250	1	12/20/24	12/21/24	
p,m-Xylene	ND	0.0500	1	12/20/24	12/21/24	
Total Xylenes	ND	0.0250	1	12/20/24	12/21/24	
Surrogate: 4-Bromochlorobenzene-PID		87.7 %	70-130	12/20/24	12/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2451088
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/20/24	12/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.6 %	70-130	12/20/24	12/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2451093
Diesel Range Organics (C10-C28)	ND	25.0	1	12/20/24	12/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/20/24	12/21/24	
Surrogate: n-Nonane		98.0 %	50-200	12/20/24	12/21/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: JM		Batch: 2451087
Chloride	399	20.0	1	12/20/24	12/20/24	



Devon Energy - Carlsbad	Project Name:	Alley Cat 17 CTB 3	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/30/2024 2:52:14PM

SS02 @ 0' E412166-02

		E-112100-02				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2451088
Benzene	ND	0.0250	1	12/20/24	12/21/24	
Ethylbenzene	ND	0.0250	1	12/20/24	12/21/24	
Toluene	ND	0.0250	1	12/20/24	12/21/24	
o-Xylene	ND	0.0250	1	12/20/24	12/21/24	
p,m-Xylene	ND	0.0500	1	12/20/24	12/21/24	
Total Xylenes	ND	0.0250	1	12/20/24	12/21/24	
Surrogate: 4-Bromochlorobenzene-PID		88.0 %	70-130	12/20/24	12/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2451088
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/20/24	12/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.2 %	70-130	12/20/24	12/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2451093
Diesel Range Organics (C10-C28)	ND	25.0	1	12/20/24	12/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/20/24	12/21/24	
Surrogate: n-Nonane		97.5 %	50-200	12/20/24	12/21/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: JM		Batch: 2451087
Chloride	ND	20.0	1	12/20/24	12/20/24	



Devon Energy - Carlsbad	Project Name:	Alley Cat 17 CTB 3	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/30/2024 2:52:14PM

SS03 @ 0' E412166-03

		E412100-03				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
				*		
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2451088
Benzene	ND	0.0250	1	12/20/24	12/21/24	
Ethylbenzene	ND	0.0250	1	12/20/24	12/21/24	
Toluene	ND	0.0250	1	12/20/24	12/21/24	
o-Xylene	ND	0.0250	1	12/20/24	12/21/24	
o,m-Xylene	ND	0.0500	1	12/20/24	12/21/24	
Total Xylenes	ND	0.0250	1	12/20/24	12/21/24	
Surrogate: 4-Bromochlorobenzene-PID		87.6 %	70-130	12/20/24	12/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2451088
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/20/24	12/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.4 %	70-130	12/20/24	12/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2451093
Diesel Range Organics (C10-C28)	34.4	25.0	1	12/20/24	12/21/24	
Oil Range Organics (C28-C36)	59.0	50.0	1	12/20/24	12/21/24	
Surrogate: n-Nonane		91.2 %	50-200	12/20/24	12/21/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: JM		Batch: 2451087
Chloride	155	20.0	1	12/20/24	12/20/24	



Devon Energy - Carlsbad	Project Name:	Alley Cat 17 CTB 3	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/30/2024 2:52:14PM

SS04 @ 0' E412166-04

		E412100-04				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: SL		Batch: 2451088
Benzene	ND	0.0250	1	12/20/24	12/21/24	
Ethylbenzene	ND	0.0250	1	12/20/24	12/21/24	
Toluene	ND	0.0250	1	12/20/24	12/21/24	
o-Xylene	ND	0.0250	1	12/20/24	12/21/24	
p,m-Xylene	ND	0.0500	1	12/20/24	12/21/24	
Total Xylenes	ND	0.0250	1	12/20/24	12/21/24	
Surrogate: 4-Bromochlorobenzene-PID		87.7 %	70-130	12/20/24	12/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2451088
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/20/24	12/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.7 %	70-130	12/20/24	12/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: NV		Batch: 2451093
Diesel Range Organics (C10-C28)	ND	25.0	1	12/20/24	12/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/20/24	12/21/24	
Surrogate: n-Nonane		98.5 %	50-200	12/20/24	12/21/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	/st: JM		Batch: 2451087
Chloride	269	20.0	1	12/20/24	12/20/24	



Devon Energy - Carlsbad	Project Name:	Alley Cat 17 CTB 3	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/30/2024 2:52:14PM

SS06 @ 0' E412166-05

		E-112100-03				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2451088
Benzene	ND	0.0250	1	12/20/24	12/21/24	
Ethylbenzene	ND	0.0250	1	12/20/24	12/21/24	
Toluene	ND	0.0250	1	12/20/24	12/21/24	
o-Xylene	ND	0.0250	1	12/20/24	12/21/24	
o,m-Xylene	ND	0.0500	1	12/20/24	12/21/24	
Total Xylenes	ND	0.0250	1	12/20/24	12/21/24	
Surrogate: 4-Bromochlorobenzene-PID		88.7 %	70-130	12/20/24	12/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2451088
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/20/24	12/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.7 %	70-130	12/20/24	12/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2451093
Diesel Range Organics (C10-C28)	116	25.0	1	12/20/24	12/21/24	
Oil Range Organics (C28-C36)	69.0	50.0	1	12/20/24	12/21/24	
Surrogate: n-Nonane		105 %	50-200	12/20/24	12/21/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: JM		Batch: 2451087
Chloride	68.1	20.0	1	12/20/24	12/20/24	



Devon Energy - Carlsbad	Project Name:	Alley Cat 17 CTB 3	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/30/2024 2:52:14PM

SS07 @ 0' E412166-06

		£412100-00				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Allaryte	Result	Limit	Dilution	Frepared	Anaryzeu	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2451088
Benzene	ND	0.0250	1	12/20/24	12/21/24	
Ethylbenzene	ND	0.0250	1	12/20/24	12/21/24	
Toluene	ND	0.0250	1	12/20/24	12/21/24	
o-Xylene	ND	0.0250	1	12/20/24	12/21/24	
p,m-Xylene	ND	0.0500	1	12/20/24	12/21/24	
Total Xylenes	ND	0.0250	1	12/20/24	12/21/24	
Surrogate: 4-Bromochlorobenzene-PID		87.8 %	70-130	12/20/24	12/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2451088
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/20/24	12/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.3 %	70-130	12/20/24	12/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2451093
Diesel Range Organics (C10-C28)	1900	25.0	1	12/20/24	12/21/24	
Oil Range Organics (C28-C36)	1250	50.0	1	12/20/24	12/21/24	
Surrogate: n-Nonane		105 %	50-200	12/20/24	12/21/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: JM		Batch: 2451087
Chloride	59.2	20.0	1	12/20/24	12/20/24	



Surrogate: 4-Bromochlorobenzene-PID

# **QC Summary Data**

Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Number:	Alley Cat 17 CTB 3 01058-0007	Reported:
Artesia NM, 88210	Project Number: Project Manager:	Ashley Giovengo	12/30/2024 2:52:14PM

Artesia NM, 88210		Project Manager:		shley Gioveng	o			1	2/30/2024 2:52:14PM
Volatile Organics by EPA 8021B Analyst: SL									
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2451088-BLK1)							Prepared: 12	2/20/24 Ar	alyzed: 12/21/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.77		8.00		84.7	70-130			
LCS (2451088-BS1)							Prepared: 12	2/20/24 Ar	alyzed: 12/21/24
Benzene	5.65	0.0250	5.00		113	70-130			
Ethylbenzene	5.36	0.0250	5.00		107	70-130			
Toluene	5.52	0.0250	5.00		110	70-130			
o-Xylene	5.33	0.0250	5.00		107	70-130			
o,m-Xylene	10.8	0.0500	10.0		108	70-130			
Total Xylenes	16.2	0.0250	15.0		108	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.04		8.00		88.1	70-130			
LCS Dup (2451088-BSD1)							Prepared: 12	2/20/24 Ar	alyzed: 12/21/24
Benzene	5.21	0.0250	5.00		104	70-130	7.97	20	
Ethylbenzene	4.97	0.0250	5.00		99.4	70-130	7.64	20	
Toluene	5.11	0.0250	5.00		102	70-130	7.89	20	
o-Xylene	4.94	0.0250	5.00		98.8	70-130	7.57	20	
o,m-Xylene	10.0	0.0500	10.0		100	70-130	7.61	20	
Total Xylenes	15.0	0.0250	15.0		99.9	70-130	7.60	20	



Gasoline Range Organics (C6-C10)

Surrogate: 1-Chloro-4-fluorobenzene-FID

### **QC Summary Data**

Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Number:	Alley Cat 17 CTB 3 01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/30/2024 2:52:14PM

Artesia NM, 88210		Project Manager	r: As	shley Gioveng	go			12/	30/2024 2:52:14Pl
	Non	halogenated	Organics l	by EPA 80	15D - G	RO			Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2451088-BLK1)							Prepared: 1	2/20/24 Ana	lyzed: 12/21/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.74		8.00		96.7	70-130			
LCS (2451088-BS2)							Prepared: 1	2/20/24 Ana	lyzed: 12/21/24
Gasoline Range Organics (C6-C10)	42.4	20.0	50.0		84.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.73		8.00		96.6	70-130			
LCS Dup (2451088-BSD2)							Prepared: 1	2/20/24 Ana	lyzed: 12/21/24

8.00

70-130

70-130

97.6

4.10

20.0

7.81

#### **QC Summary Data**

Devon Energy - CarlsbadProject Name:Alley Cat 17 CTB 3Reported:6488 7 Rivers HwyProject Number:01058-0007Artesia NM, 88210Project Manager:Ashley Giovengo12/30/2024 2:52:14PM

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go				12/30/2024 2:52:14P
	Nonha	logenated Or	ganics by l	EPA 8015I	D - DRO	/ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2451093-BLK1)							Prepared: 1	2/20/24 A	nalyzed: 12/20/24
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	52.2		50.0		104	50-200			
LCS (2451093-BS1)							Prepared: 1	2/20/24 A	nalyzed: 12/20/24
Diesel Range Organics (C10-C28)	269	25.0	250		108	38-132			
urrogate: n-Nonane	50.7		50.0		101	50-200			
Matrix Spike (2451093-MS1)				Source:	E412164-	08	Prepared: 1	2/20/24 A	nalyzed: 12/20/24
Diesel Range Organics (C10-C28)	265	25.0	250	ND	106	38-132			
urrogate: n-Nonane	49.0		50.0		98.1	50-200			
Matrix Spike Dup (2451093-MSD1)				Source:	E412164-	08	Prepared: 1	2/20/24 A	nalyzed: 12/20/24
Diesel Range Organics (C10-C28)	269	25.0	250	ND	108	38-132	1.70	20	
urrogate: n-Nonane	50.9		50.0		102	50-200			



#### **QC Summary Data**

Analyte		EPA 300.0/9056A  Spike Source	Rec	Analyst: JM  RPD
Artesia NM, 88210	Project Manager:	Ashley Giovengo		12/30/2024 2:52:14PM
Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Number:	Alley Cat 17 CTB 3 01058-0007		Reported:

- many co	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2451087-BLK1)						I	Prepared: 12	2/20/24 Anal	yzed: 12/20/24
Chloride	ND	20.0							
LCS (2451087-BS1)						I	Prepared: 12	2/20/24 Anal	yzed: 12/20/24
Chloride	249	20.0	250		99.6	90-110			
LCS Dup (2451087-BSD1)						I	Prepared: 1	2/20/24 Anal	yzed: 12/20/24
Chloride	251	20.0	250		101	90-110	0.969	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:	Alley Cat 17 CTB 3	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/30/24 14:52

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Page _	1	_ of _	1 =
x 10			Cerved

Client Information			nation	Invoice Info	Invoice Information Lab Use Only							TA	T			Sta	t			
Client: I			17 CTD 2	Company: Devon Ener		Lab	Lab WO# Job Number CV058-0007						1D	2D	3D St			CO U	r	
Project:	Manager: Asl	lley Cat 1		Address: 5315 Buena V City, State, Zip: Carlsba		Fr	112	16	0	010	58	-000	75			X		X		
	: 3122 Nation			Phone: (575)689-7597	u NIVI, 88220	9				Δna	lycic	and	Met	hod	and I			FC	PA Progr	_
	te, Zip: Carls				Phone: (575)689-7597 Analysis and Method Email: jim.raley@dvn.com						nou s				CWA	-				
The second second	575-988-005			Miscellaneous: Jim Raley								1			Ī					
Email: a	giovengo@e	nsolum.c	om				15 15							Con	nplian	ce Y	9			
							by 8015	y 8015	п	0	0.0	5	×	als			PW	/SID#		
				Sample Information				RO b	y 802	826	e 300	N.	1- 50	Met						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Sample ID P		DRO/ORO	GRO/DRO by	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals					Remark	S
10:40	12/18/2024	S	1	SS01 @ 0'								х								
12:51	12/18/2024	S	1	SS02 @ 0'	0	(						х								
11:19	12/18/2024	S	1	SS03 @ 0'		3						х					T			
11:20	12/18/2024	S	1	SS04 @ 0'		1						х								
10:47	12/18/2024	s	1	SS06 @ 0'		5						х					T			
10:49	12/18/2024	s	1	SS07 @ 0'		6						x								
											Ī									
				n@ensolum.com, agiovengo@ensolun																

Relinquished by: (Signature)	Date 12-19-24	0800	Received by: (Signature)	Date 12-19-24	0 800	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days
Relinquished by: (Signature) Relinquished by: (Signature)	Date 12.19.24 Date 12.19.20	Time 15 45	Received by: (Signature)	Date Date 12-20-24	Time 0800	Received on ice: Lab Use Only  Received on T1  T2  T3
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	AVG Temp °C 4
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A	A - Aqueous, O - Othe	er		Container Typ	e: g - glass, p - poly/	/plastic, ag - amber glass, v - VOA

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



Printed: 12/20/2024 9:49:36AM

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	12/20/24 (	08:00	Work Order ID:	E412166
Phone:	(505) 382-1211	Date Logged In:	12/19/24 1	16:27	Logged In By:	Noe Soto
Email:	agiovengo@ensolum.com	Due Date:	12/31/24	17:00 (4 day TAT)		
Chain of	Custody (COC)					
	ne sample ID match the COC?		Yes			
	ne number of samples per sampling site location ma	tch the COC	Yes			
	amples dropped off by client or carrier?		Yes	Carrier: Courie	<u>r</u>	
	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes			
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssi		Yes		Commen	ts/Resolution
Sample T	urn Around Time (TAT)					
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes			
Sample C	<u>Cooler</u>					
	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was the	e sample(s) received intact, i.e., not broken?		Yes			
10. Were	custody/security seals present?		No			
11. If yes	, were custody/security seals intact?		NA			
	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples ar minutes of sampling	e received w/i 15	Yes			
		temperature: 4°0	<u>~</u>			
	Container queous VOC samples present?		Na			
	OC samples collected in VOA Vials?		No 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	9	Yes			
	appropriate volume/weight or number of sample contain		Yes			
Field Lal	•	ners conceted.	103			
	field sample labels filled out with the minimum info	ormation.				
	ample ID?		Yes			
	ate/Time Collected?		Yes			
C	ollectors name?		No			
_	Preservation_					
	the COC or field labels indicate the samples were pr	reserved?	No			
	ample(s) correctly preserved?	. 1.0	NA			
	filteration required and/or requested for dissolved n	netals?	No			
	se Sample Matrix					
	the sample have more than one phase, i.e., multipha		No			
27. If yes	, does the COC specify which phase(s) is to be analy	yzed?	NA			
Subcontr	act Laboratory					
	amples 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 Ir	<u>istruction</u>					

Date

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





# envirotech

Practical Solutions for a Better Tomorrow

# **Analytical Report**

Devon Energy - Carlsbad

Project Name: Alley Cat 17 CTB 3

Work Order: E501007

Job Number: 01058-0007

Received: 1/3/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 1/8/25

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

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

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

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

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

Date Reported: 1/8/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Alley Cat 17 CTB 3

Workorder: E501007

Date Received: 1/3/2025 6:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/3/2025 6:30:00AM, under the Project Name: Alley Cat 17 CTB 3.

The analytical test results summarized in this report with the Project Name: Alley Cat 17 CTB 3 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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Laboratory Administrator Office: 505-632-1881

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#### Sample Summary

Devon Energy - Carlsbad	Project Name:	Alley Cat 17 CTB 3	Donoutod
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	01/08/25 10:27

Client Sample ID	Lab Sample ID Mati	ix Sampled	Received	Container
BH01-0'	E501007-01A Soi	12/31/24	01/03/25	Glass Jar, 2 oz.
BH01-6'	E501007-02A Soi	12/31/24	01/03/25	Glass Jar, 2 oz.
BH02-0'	E501007-03A Soi	12/31/24	01/03/25	Glass Jar, 2 oz.
BH02-1'	E501007-04A Soi	12/31/24	01/03/25	Glass Jar, 2 oz.
BH04-0'	E501007-05A Soi	12/31/24	01/03/25	Glass Jar, 2 oz.
BH04-1'	E501007-06A Soi	12/31/24	01/03/25	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	Alley Cat 17 CTB 3	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/8/2025 10:27:01AM

#### BH01-0' E501007-01

		E501007-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2501031
Benzene	2.32	1.25	50	01/03/25	01/04/25	
Ethylbenzene	29.6	1.25	50	01/03/25	01/04/25	
Toluene	53.5	1.25	50	01/03/25	01/04/25	
o-Xylene	41.3	1.25	50	01/03/25	01/04/25	
p,m-Xylene	104	2.50	50	01/03/25	01/04/25	
Total Xylenes	145	1.25	50	01/03/25	01/04/25	
Surrogate: 4-Bromochlorobenzene-PID		113 %	70-130	01/03/25	01/04/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2501031
Gasoline Range Organics (C6-C10)	ND	1000	50	01/03/25	01/04/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.5 %	70-130	01/03/25	01/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2501039
Diesel Range Organics (C10-C28)	30000	250	10	01/03/25	01/07/25	
Oil Range Organics (C28-C36)	11900	500	10	01/03/25	01/07/25	
Surrogate: n-Nonane		492 %	50-200	01/03/25	01/07/25	S5
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2501048
Chloride	8410	200	10	01/04/25	01/04/25	



Devon Energy - Carlsbad	Project Name:	Alley Cat 17 CTB 3	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/8/2025 10:27:01AM

#### BH01-6'

		E501007-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2501031
Benzene	ND	0.0250	1	01/03/25	01/04/25	
Ethylbenzene	ND	0.0250	1	01/03/25	01/04/25	
Toluene	ND	0.0250	1	01/03/25	01/04/25	
o-Xylene	ND	0.0250	1	01/03/25	01/04/25	
p,m-Xylene	ND	0.0500	1	01/03/25	01/04/25	
Total Xylenes	ND	0.0250	1	01/03/25	01/04/25	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	01/03/25	01/04/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2501031
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/03/25	01/04/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.2 %	70-130	01/03/25	01/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2501039	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/03/25	01/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/03/25	01/07/25	
Surrogate: n-Nonane		113 %	50-200	01/03/25	01/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: DT		Batch: 2501048
Chloride	356	20.0	1	01/04/25	01/04/25	·



Anions by EPA 300.0/9056A

Chloride

### Sample Data

Devon Energy - Carlsbad	Project Name:	Alley Cat 17 CTB 3	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/8/2025 10:27:01AM

#### BH02-0' E501007-03

#### Reporting Analyte Result Limit Dilution Analyzed Notes Prepared Analyst: SL Batch: 2501031 mg/kg mg/kg Volatile Organics by EPA 8021B 01/03/25 01/04/25 ND 0.0250 Benzene 1 01/03/25 01/04/25 Ethylbenzene ND 0.0250ND 0.02501 01/03/25 01/04/25 Toluene 1 01/03/25 01/04/25 o-Xylene ND 0.02501 01/03/25 01/04/25 ND 0.0500 p,m-Xylene 01/04/25 01/03/25 1 Total Xylenes ND 0.025001/03/25 01/04/25 103 % 70-130 Surrogate: 4-Bromochlorobenzene-PID mg/kg mg/kg Analyst: SL Batch: 2501031 Nonhalogenated Organics by EPA 8015D - GRO 01/04/25 ND 20.0 1 01/03/25 Gasoline Range Organics (C6-C10) Surrogate: 1-Chloro-4-fluorobenzene-FID 84.9 % 01/03/25 01/04/25 70-130 mg/kg mg/kg Analyst: AF Batch: 2501039 Nonhalogenated Organics by EPA 8015D - DRO/ORO 25.0 01/03/25 01/03/25 228 Diesel Range Organics (C10-C28) 01/03/25 01/03/25 Oil Range Organics (C28-C36) 206 50.0 1 01/03/25 01/03/25 Surrogate: n-Nonane 109 % 50-200

mg/kg

20.0

mg/kg

378

Analyst: DT

01/04/25

01/04/25

1



Batch: 2501048

Devon Energy - Carlsbad	Project Name:	Alley Cat 17 CTB 3	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/8/2025 10:27:01AM

#### BH02-1'

E501	007.	.04

Result	Limit	Dilution	n Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	alyst: SL		Batch: 2501031
ND	0.0250	1	01/03/25	01/04/25	
ND	0.0250	1	01/03/25	01/04/25	
ND	0.0250	1	01/03/25	01/04/25	
ND	0.0250	1	01/03/25	01/04/25	
ND	0.0500	1	01/03/25	01/04/25	
ND	0.0250	1	01/03/25	01/04/25	
	103 %	70-130	01/03/25	01/04/25	
mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2501031
ND	20.0	1	01/03/25	01/04/25	
	86.0 %	70-130	01/03/25	01/04/25	
mg/kg	mg/kg	Ana	alyst: AF		Batch: 2501039
ND	25.0	1	01/03/25	01/03/25	
51.2	50.0	1	01/03/25	01/03/25	
	112 %	50-200	01/03/25	01/03/25	
mg/kg	mg/kg	Ana	alyst: DT		Batch: 2501048
mg/Kg	<sub>6</sub> <sub>6</sub>		,		
	mg/kg ND ND ND ND ND ND ND ND ND ST ND Mg/kg ND Mg/kg ND	mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           MD         20.0250           86.0 %         mg/kg           MB/kg         mg/kg           ND         25.0           51.2         50.0	Result         Limit         Dilution           mg/kg         mg/kg         Ana           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         70-130           mg/kg         mg/kg         Ana           ND         20.0         1           86.0 %         70-130           mg/kg         mg/kg         Ana           ND         25.0         1           51.2         50.0         1	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         01/03/25           ND         0.0250         1         01/03/25           ND         0.0250         1         01/03/25           ND         0.0500         1         01/03/25           ND         0.0250         1         01/03/25           ND         0.0250         1         01/03/25           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         01/03/25           mg/kg         mg/kg         Analyst: AF           ND         25.0         1         01/03/25           mg/kg         Analyst: AF           ND         25.0         1         01/03/25           51.2         50.0         1         01/03/25	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         01/03/25         01/04/25           ND         0.0250         1         01/03/25         01/04/25           ND         0.0250         1         01/03/25         01/04/25           ND         0.0500         1         01/03/25         01/04/25           ND         0.0250         1         01/03/25         01/04/25           ND         0.0250         1         01/03/25         01/04/25           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         01/03/25         01/04/25           mg/kg         mg/kg         Analyst: SL         01/04/25           mg/kg         mg/kg         Analyst: AF           ND         25.0         1         01/03/25         01/03/25           51.2         50.0         1         01/03/25         01/03/25           112 %         50-200         01/03/25         01/03/25



Devon Energy - Carlsbad	Project Name:	Alley Cat 17 CTB 3	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/8/2025 10:27:01AM

#### BH04-0' E501007-05

		200100. 00				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2501031
Benzene	ND	0.0250	1	01/03/25	01/04/25	
Ethylbenzene	ND	0.0250	1	01/03/25	01/04/25	
Toluene	ND	0.0250	1	01/03/25	01/04/25	
o-Xylene	ND	0.0250	1	01/03/25	01/04/25	
p,m-Xylene	ND	0.0500	1	01/03/25	01/04/25	
Total Xylenes	ND	0.0250	1	01/03/25	01/04/25	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	01/03/25	01/04/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2501031
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/03/25	01/04/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		84.5 %	70-130	01/03/25	01/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: AF		Batch: 2501039
Diesel Range Organics (C10-C28)	42.4	25.0	1	01/03/25	01/03/25	
Oil Range Organics (C28-C36)	57.5	50.0	1	01/03/25	01/03/25	
Surrogate: n-Nonane		96.8 %	50-200	01/03/25	01/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2501048
Chloride	24.8	20.0	1	01/04/25	01/04/25	



Devon Energy - Carlsbad	Project Name:	Alley Cat 17 CTB 3	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/8/2025 10:27:01AM

#### BH04-1'

E501	0/
H 2111	 .116

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2501031
Benzene	ND	0.0250	1	01/03/25	01/04/25	
Ethylbenzene	ND	0.0250	1	01/03/25	01/04/25	
Toluene	ND	0.0250	1	01/03/25	01/04/25	
p-Xylene	ND	0.0250	1	01/03/25	01/04/25	
o,m-Xylene	ND	0.0500	1	01/03/25	01/04/25	
Total Xylenes	ND	0.0250	1	01/03/25	01/04/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	01/03/25	01/04/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2501031
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/03/25	01/04/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.4 %	70-130	01/03/25	01/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: AF		Batch: 2501039
Diesel Range Organics (C10-C28)	ND	25.0	1	01/03/25	01/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/03/25	01/03/25	
Surrogate: n-Nonane		112 %	50-200	01/03/25	01/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2501048
Chloride	ND	20.0	1	01/04/25	01/04/25	



Surrogate: 4-Bromochlorobenzene-PID

Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Number:	Alley Cat 17 CTB 3 01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/8/2025 10:27:01AM

Artesia NM, 88210		Project Number: Project Manager:		shley Giovengo	)			1	/8/2025 10:27:01AM
Volatile Organics by EPA 8021B  Analyst: SL									
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2501031-BLK1)							Prepared: 0	1/03/25 An	alyzed: 01/03/25
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	8.05		8.00		101	70-130			
LCS (2501031-BS1)							Prepared: 0	1/03/25 An	alyzed: 01/06/25
Benzene	5.53	0.0250	5.00		111	70-130			
Ethylbenzene	5.34	0.0250	5.00		107	70-130			
Toluene	5.45	0.0250	5.00		109	70-130			
o-Xylene	5.27	0.0250	5.00		105	70-130			
p,m-Xylene	10.9	0.0500	10.0		109	70-130			
Total Xylenes	16.1	0.0250	15.0		108	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.88		8.00		85.9	70-130			
LCS Dup (2501031-BSD1)							Prepared: 0	1/03/25 An	alyzed: 01/06/25
Benzene	5.45	0.0250	5.00		109	70-130	1.32	20	
Ethylbenzene	5.21	0.0250	5.00		104	70-130	2.43	20	
Toluene	5.35	0.0250	5.00		107	70-130	1.89	20	
o-Xylene	5.16	0.0250	5.00		103	70-130	2.15	20	
p,m-Xylene	10.6	0.0500	10.0		106	70-130	2.74	20	
Total Xylenes	15.7	0.0250	15.0		105	70-130	2.54	20	



Gasoline Range Organics (C6-C10)

Surrogate: 1-Chloro-4-fluorobenzene-FID

### **QC Summary Data**

Devon Energy - Carlsbad	Project Name:	Alley Cat 17 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/8/2025 10:27:01AM

Artesia NM, 88210		Project Manager		shley Gioveng	go			1/3	8/2025 10:27:01AN
	Non	halogenated	Organics l	by EPA 801	15D - G	RO			Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2501031-BLK1)						]	Prepared: 0	1/03/25 Ana	lyzed: 01/03/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.85		8.00		85.6	70-130			
LCS (2501031-BS2)						]	Prepared: 0	1/03/25 Ana	lyzed: 01/03/25
Gasoline Range Organics (C6-C10)	40.3	20.0	50.0		80.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.93		8.00		86.6	70-130			
LCS Dup (2501031-BSD2)						]	Prepared: 0	1/03/25 Ana	lyzed: 01/03/25

8.00

70-130

70-130

87.6

5.27

20.0

7.01

### **QC Summary Data**

Devon Energy - CarlsbadProject Name:Alley Cat 17 CTB 3Reported:6488 7 Rivers HwyProject Number:01058-0007Artesia NM, 88210Project Manager:Ashley Giovengo1/8/2025 10:27:01AM

Artesia NM, 88210		Project Manager	r: As	hley Gioveng	go			1	/8/2025 10:27:01AN
	Nonha	logenated Or	ganics by l	EPA 8015I	D - DRO	/ORO			Analyst: AF
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2501039-BLK1)							Prepared: 0	1/03/25 Ana	alyzed: 01/03/25
riesel Range Organics (C10-C28)	ND	25.0							
ril Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	55.5		50.0		111	50-200			
CS (2501039-BS1)							Prepared: 0	1/03/25 Ana	alyzed: 01/03/25
riesel Range Organics (C10-C28)	307	25.0	250		123	38-132			
urrogate: n-Nonane	56.1		50.0		112	50-200			
Aatrix Spike (2501039-MS1)				Source:	E501002-	01	Prepared: 0	1/03/25 Ana	alyzed: 01/03/25
riesel Range Organics (C10-C28)	509	25.0	250	201	123	38-132			
urrogate: n-Nonane	56.3		50.0		113	50-200			
Matrix Spike Dup (2501039-MSD1)				Source:	E501002-	01	Prepared: 0	1/03/25 Ana	alyzed: 01/03/25
riesel Range Organics (C10-C28)	579	25.0	250	201	151	38-132	12.9	20	M4
urrogate: n-Nonane	58.3		50.0		117	50-200			



LCS Dup (2501048-BSD1)

Chloride

253

Prepared: 01/04/25 Analyzed: 01/04/25

20

### **QC Summary Data**

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		Alley Cat 17 C 1058-0007	ГВ 3				Reported:
Artesia NM, 88210		Project Manager	: A	shley Gioveng	go				1/8/2025 10:27:01AM
		Anions	by EPA	300.0/9056 <i>E</i>	<b>A</b>				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2501048-BLK1)							Prepared: 0	1/04/25 A	nalyzed: 01/04/25
Chloride	ND	20.0							
LCS (2501048-BS1)							Prepared: 0	1/04/25 A	nalyzed: 01/04/25
Chloride	252	20.0	250		101	90-110			

250

20.0

101

90-110

0.545

#### 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**

Γ	Devon Energy - Carlsbad	Project Name:	Alley Cat 17 CTB 3	
l	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
	Artesia NM, 88210	Project Manager:	Ashley Giovengo	01/08/25 10:27

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

associated LCS spike recovery was acceptable.

S5 Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.

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: 5/13/2025 11:47:18 AM

	Clie	nt Inform	nation			Invoice Information	on				La	b Us	e On	ly				T/	١T			Sta	te	
Client: D	evon					Company: Devon Energy			Lab	WO#	}			Num			1D	2D	3D	Std	N	M CO U	ГТХ	T
	Alley Cat 17	СТВ 3				Address: 5315 Buena Vista D	r		E	501	00	7		58.1		7			_	K	x		$\top$	$\top$
	lanager: As		engo e			City, State, Zip: Carlsbad NM,	88220														<u></u>			
Address:	3122 Natio	nal Parks	Hwy			Phone: (575)689-7597							Ana	lysis	and	Met	hod					EPA Prog	ram	
City, Stat	e, Zip: Carls	bad NM,	88220			Email: jim.raley@dvn.com													Ĭ		SDWA	CWA	R	CRA
Phone: !	575-988-005	5				Miscellaneous: Jim Raley										ľ				L				
Email: a	giovengo@e	nsolum.c	om						_	8015	13										omplia		or	N
										- A - A - A	8 8	12	Q	0.0	5	¥	tals			F	WSID	#		
			T	Sam	ple Inforr	nation		. 1		」ℚ	80	y 80.	, 826	8 8	Z	. 500	Me							
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID	Field	Fifter In N	ab nber	DRO/ORO	GRO/DRO by	ВТЕХ ЬУ 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals					Remari	.s 	
10:42	12/31/2024	s	1			BH01 - 0'									x									
13:01	12/31/2024	S	1			BH01 - 6'		2	2						х									
11:38	12/31/2024	S	1			BH02 - 0'		1	3						x									
11:49	12/31/2024	s	1		-	BH02 - 1'		7	+						х									
13:48	12/31/2024	s	1			BH04 - 0'		6	<u>.                                     </u>			-			x									
13:50	12/31/2024	s	1			BH04 - 1'		+ -	9	<u> </u>					x						-			
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	ns@ensolum					re that tampering with or intentionally misla	holing the c	amala I	tion		or time	- of	llactio	- le co-	-idos	od feet	ام ممط	may be		de foe le	gal agti			
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	ed by: (Signatu		Date		Time	Received by: (Menature)	A Dat	e		Time			Γ		Sample	es requ	Iring th	ermal p	reservat	ion must	be receiv	ved on Ice the	lay they	are
	ale Ad		0 11	2/25	8:00	Michelle Gonza	alec 0	62.	25	10	JU (	O				ed or re		packed	in ice at	an avg to	mp abov:	e 0 but less th	ın 6°C o	วถ
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Sample Mat	rix: <b>S</b> - Soil, <b>Sd</b> - S	iolid, <b>Sg</b> - Slu	dge, A - Aque	ous, O - Oth	er		Co	ntaine	r Typ	e: g -	glass	, <b>p</b> - p	oly/ <sub>[</sub>	olasti					- VO	4				
						other arrangements are made. Hazardo															r the a	nalysis of th	e abov	/e
camples is	annlicable only	to those s	emples rece	ived by the	alaboratoru	with this COC. The liability of the labor	ratory is lin	aitad t	a tha s	amour	nt naic	for a	n the	renor	t									





envirotech Inc.

Printed: 1/3/2025 8:03:22AM

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	01/03/25 (	06:30		Work Order ID:	E501007
Phone:	(505) 382-1211	Date Logged In:	01/02/25	15:29		Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	01/09/25	17:00 (4 day TAT)			
Chain of	Custody (COC)						
	ne sample ID match the COC?		Yes				
	ne number of samples per sampling site location ma	tch the COC	Yes				
	amples dropped off by client or carrier?		Yes	Carrier: <u>Co</u>	<u>ourier</u>		
	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes				
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssi		Yes	_		<u>Comments</u>	s/Resolution
Sample T	<u>urn Around Time (TAT)</u>			Γ			
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C	<u>Cooler</u>						
	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was the	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes,	, were custody/security seals intact?		NA				
	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	re received w/i 15	Yes C				
Sample C	•		_				
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers	?	Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field Lab	•						
	field sample labels filled out with the minimum info	ormation:					
	ample ID?		Yes				
	ate/Time Collected?		Yes	L			
C	ollectors name?		No				
	reservation						
	the COC or field labels indicate the samples were p	reserved?	No				
	ample(s) correctly preserved?	. 1.0	NA				
24. Is lab	filteration required and/or requested for dissolved n	netals?	No				
	se Sample Matrix						
	the sample have more than one phase, i.e., multipha		No				
27. If yes,	, does the COC specify which phase(s) is to be analy	yzed?	NA				
Subcontr	act Laboratory						
28. Are sa	amples required to get sent to a subcontract laborato	ory?	No				
29. Was a	subcontract laboratory specified by the client and i	f so who?	NA	Subcontract Lab:	NA NA		
Client Ir	nstruction_						

Date

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

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





# envirotech

Practical Solutions for a Better Tomorrow

## **Analytical Report**

Devon Energy - Carlsbad

Project Name: Alley Cat 17 CTB 3

Work Order: E501008

Job Number: 01058-0007

Received: 1/3/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 1/8/25

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

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

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

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

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

Date Reported: 1/8/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Alley Cat 17 CTB 3

Workorder: E501008

Date Received: 1/3/2025 6:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/3/2025 6:30:00AM, under the Project Name: Alley Cat 17 CTB 3.

The analytical test results summarized in this report with the Project Name: Alley Cat 17 CTB 3 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

Field Offices:

Southern New Mexico Area

Lynn Jarboe

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

Cell: 505-320-4759

ljarboe@envirotech-inc.com

**Michelle Gonzales** 

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

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### Sample Summary

Devon Energy - Carlsbad	Project Name:	Alley Cat 17 CTB 3	Donoutoda
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	01/08/25 07:41

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH03-0'	E501008-01A	Soil	12/31/24	01/03/25	Glass Jar, 2 oz.
BH03-2'	E501008-02A	Soil	12/31/24	01/03/25	Glass Jar, 2 oz.
BH03-4'	E501008-03A	Soil	12/31/24	01/03/25	Glass Jar, 2 oz.
BH03-6'	E501008-04A	Soil	12/31/24	01/03/25	Glass Jar, 2 oz.
BH03-8'	E501008-05A	Soil	12/31/24	01/03/25	Glass Jar. 2 oz.



Devon Energy - Carlsbad	Project Name:	Alley Cat 17 CTB 3	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/8/2025 7:41:57AM

#### BH03-0' E501008-01

		E301000-01				
Analyte	Result	Reporting Limit	Dilution	Duamanad	Analyza	Notes
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2501033
Benzene	0.749	0.0500	2	01/03/25	01/04/25	
Ethylbenzene	14.0	0.0500	2	01/03/25	01/04/25	
Toluene	23.8	0.0500	2	01/03/25	01/04/25	
o-Xylene	16.7	0.0500	2	01/03/25	01/04/25	
p,m-Xylene	44.9	0.100	2	01/03/25	01/04/25	
Total Xylenes	61.6	0.0500	2	01/03/25	01/04/25	
Surrogate: 4-Bromochlorobenzene-PID		106 %	70-130	01/03/25	01/04/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2501033
Gasoline Range Organics (C6-C10)	631	40.0	2	01/03/25	01/04/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		126 %	70-130	01/03/25	01/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2501039
Diesel Range Organics (C10-C28)	19900	250	10	01/03/25	01/07/25	
Oil Range Organics (C28-C36)	7210	500	10	01/03/25	01/07/25	
Surrogate: n-Nonane		499 %	50-200	01/03/25	01/07/25	S5
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2501048
Chloride	6900	100	5	01/04/25	01/04/25	



Devon Energy - Carlsbad	Project Name:	Alley Cat 17 CTB 3	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/8/2025 7:41:57AM

#### BH03-2'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2501033
Benzene	ND	0.0250	1	01/03/25	01/05/25	
Ethylbenzene	ND	0.0250	1	01/03/25	01/05/25	
Toluene	ND	0.0250	1	01/03/25	01/05/25	
o-Xylene	ND	0.0250	1	01/03/25	01/05/25	
p,m-Xylene	ND	0.0500	1	01/03/25	01/05/25	
Total Xylenes	ND	0.0250	1	01/03/25	01/05/25	
Surrogate: 4-Bromochlorobenzene-PID		91.3 %	70-130	01/03/25	01/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2501033
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/03/25	01/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.7 %	70-130	01/03/25	01/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2501039
Diesel Range Organics (C10-C28)	ND	25.0	1	01/03/25	01/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/03/25	01/07/25	
Surrogate: n-Nonane		130 %	50-200	01/03/25	01/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2501048
Chloride	1470	20.0	1	01/04/25	01/04/25	·



Devon Energy - Carlsbad	Project Name:	Alley Cat 17 CTB 3	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/8/2025 7:41:57AM

#### BH03-4'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	nalyst: SL		Batch: 2501033
Benzene	ND	0.0250	1	01/03/25	01/05/25	
Ethylbenzene	ND	0.0250	1	01/03/25	01/05/25	
Toluene	ND	0.0250	1	01/03/25	01/05/25	
o-Xylene	ND	0.0250	1	01/03/25	01/05/25	
p,m-Xylene	ND	0.0500	1	01/03/25	01/05/25	
Total Xylenes	ND	0.0250	1	01/03/25	01/05/25	
Surrogate: 4-Bromochlorobenzene-PID		90.3 %	70-130	01/03/25	01/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: SL		Batch: 2501033
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/03/25	01/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.4 %	70-130	01/03/25	01/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: AF		Batch: 2501039
Diesel Range Organics (C10-C28)	113	25.0	1	01/03/25	01/04/25	
Oil Range Organics (C28-C36)	99.2	50.0	1	01/03/25	01/04/25	
Surrogate: n-Nonane		114 %	50-200	01/03/25	01/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: DT		Batch: 2501048
Chloride	894	20.0	1	01/04/25	01/04/25	



Devon Energy - Carlsbad	Project Name:	Alley Cat 17 CTB 3	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/8/2025 7:41:57AM

#### BH03-6'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: SL		Batch: 2501033
Benzene	ND	0.0250	1	01/03/25	01/04/25	
Ethylbenzene	ND	0.0250	1	01/03/25	01/04/25	
Toluene	ND	0.0250	1	01/03/25	01/04/25	
o-Xylene	ND	0.0250	1	01/03/25	01/04/25	
p,m-Xylene	ND	0.0500	1	01/03/25	01/04/25	
Total Xylenes	ND	0.0250	1	01/03/25	01/04/25	
Surrogate: 4-Bromochlorobenzene-PID		92.7 %	70-130	01/03/25	01/04/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: SL		Batch: 2501033
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/03/25	01/04/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.0 %	70-130	01/03/25	01/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: AF		Batch: 2501039
Diesel Range Organics (C10-C28)	82.6	25.0	1	01/03/25	01/04/25	
Oil Range Organics (C28-C36)	68.2	50.0	1	01/03/25	01/04/25	
Surrogate: n-Nonane		117 %	50-200	01/03/25	01/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: DT		Batch: 2501048
Chloride	946	20.0	1	01/04/25	01/04/25	



Devon Energy - Carlsbad	Project Name:	Alley Cat 17 CTB 3	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/8/2025 7:41:57AM

#### BH03-8'

		ъ				
		Reporting	B.11 . 1			
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2501033
Benzene	ND	0.0250	1	01/03/25	01/04/25	
Ethylbenzene	ND	0.0250	1	01/03/25	01/04/25	
Toluene	ND	0.0250	1	01/03/25	01/04/25	
o-Xylene	ND	0.0250	1	01/03/25	01/04/25	
p,m-Xylene	ND	0.0500	1	01/03/25	01/04/25	
Total Xylenes	ND	0.0250	1	01/03/25	01/04/25	
Surrogate: 4-Bromochlorobenzene-PID		93.0 %	70-130	01/03/25	01/04/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2501033
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/03/25	01/04/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.7 %	70-130	01/03/25	01/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: AF		Batch: 2501039
Diesel Range Organics (C10-C28)	35.5	25.0	1	01/03/25	01/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/03/25	01/04/25	
Surrogate: n-Nonane		113 %	50-200	01/03/25	01/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2501048
Chloride	1380	20.0	1	01/04/25	01/04/25	



Surrogate: 4-Bromochlorobenzene-PID

Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Number:	Alley Cat 17 CTB 3 01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/8/2025 7:41:57AM

Artesia NM, 88210		Project Number: Project Manager:		shley Gioveng	0				1/8/2025 7:41:57AM	
Volatile Organics by EPA 8021B  Analyst: SL										
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2501033-BLK1)							Prepared: 0	1/03/25 A	nalyzed: 01/04/25	
Benzene	ND	0.0250								
Ethylbenzene	ND	0.0250								
Toluene	ND	0.0250								
o-Xylene	ND	0.0250								
o,m-Xylene	ND	0.0500								
Total Xylenes	ND	0.0250								
Surrogate: 4-Bromochlorobenzene-PID	7.28		8.00		91.0	70-130				
LCS (2501033-BS1)							Prepared: 0	1/03/25 A	nalyzed: 01/04/25	
Benzene	4.91	0.0250	5.00		98.2	70-130				
Ethylbenzene	4.91	0.0250	5.00		98.2	70-130				
Toluene	4.99	0.0250	5.00		99.7	70-130				
o-Xylene	4.95	0.0250	5.00		98.9	70-130				
p,m-Xylene	9.95	0.0500	10.0		99.5	70-130				
Total Xylenes	14.9	0.0250	15.0		99.3	70-130				
Surrogate: 4-Bromochlorobenzene-PID	7.27		8.00		90.9	70-130				
LCS Dup (2501033-BSD1)							Prepared: 0	1/03/25 A	nalyzed: 01/04/25	
Benzene	5.32	0.0250	5.00		106	70-130	8.12	20		
Ethylbenzene	5.31	0.0250	5.00		106	70-130	7.76	20		
Toluene	5.39	0.0250	5.00		108	70-130	7.85	20		
o-Xylene	5.33	0.0250	5.00		107	70-130	7.56	20		
p,m-Xylene	10.7	0.0500	10.0		107	70-130	7.47	20		
Total Xylenes	16.1	0.0250	15.0		107	70-130	7.50	20		



Devon Energy - Carlsbad	Project Name:	Alley Cat 17 CTB 3	Reported:
6488 7 Rivers Hwy Artesia NM, 88210	Project Number: Project Manager:	01058-0007 Ashley Giovengo	1/8/2025 7:41:57AM

	Non	Nonhalogenated Organics by EPA 8015D - GRO								
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits		RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2501033-BLK1)							Prepared: 0	1/03/25 Ana	lyzed: 01/04/25	
Gasoline Range Organics (C6-C10)	ND	20.0								
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.8	70-130				
LCS (2501033-RS2)							Prepared: 0	1/03/25 Ana	lyzed: 01/05/25	

Gasoline Range Organics (C6-C10)	ND	20.0						
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00	91.8	70-130			
LCS (2501033-BS2)						Prepared: 0	1/03/25 Ana	alyzed: 01/05/25
Gasoline Range Organics (C6-C10)	40.5	20.0	50.0	81.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.37		8.00	92.1	70-130			
LCS Dup (2501033-BSD2)						Prepared: 0	1/03/25 Ana	alyzed: 01/05/25
Gasoline Range Organics (C6-C10)	41.6	20.0	50.0	83.2	70-130	2.65	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.40		8.00	92.5	70-130			

Devon Energy - Carlsbad	Project Name:	Alley Cat 17 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	^
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/8/2025 7:41:57AM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go			1	/8/2025 7:41:57AN
	Nonha	logenated Or	ganics by l	EPA 8015I	) - DRO	/ORO			Analyst: AF
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2501039-BLK1)							Prepared: 0	1/03/25 Ana	alyzed: 01/03/25
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	55.5		50.0		111	50-200			
LCS (2501039-BS1)							Prepared: 0	1/03/25 Ana	alyzed: 01/03/25
Diesel Range Organics (C10-C28)	307	25.0	250		123	38-132			
urrogate: n-Nonane	56.1		50.0		112	50-200			
Matrix Spike (2501039-MS1)				Source:	E501002-	01	Prepared: 0	1/03/25 Ana	alyzed: 01/03/25
Diesel Range Organics (C10-C28)	509	25.0	250	201	123	38-132			
urrogate: n-Nonane	56.3		50.0		113	50-200			
Matrix Spike Dup (2501039-MSD1)				Source:	E501002-	01	Prepared: 0	1/03/25 Ana	alyzed: 01/03/25
Diesel Range Organics (C10-C28)	579	25.0	250	201	151	38-132	12.9	20	M4
'urrogate: n-Nonane	58.3		50.0		117	50-200			

LCS Dup (2501048-BSD1)

Chloride

253

Prepared: 01/04/25 Analyzed: 01/04/25

20

### **QC Summary Data**

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:	01	lley Cat 17 C7 .058-0007 shley Gioveng					<b>Reported:</b> 1/8/2025 7:41:57AM
		Anions	by EPA 3	300.0/9056 <i>A</i>	<b>A</b>				Analyst: DT
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2501048-BLK1)									nalyzed: 01/04/25
Chloride LCS (2501048-BS1)	ND	20.0				]	Prepared: 0	1/04/25 A	nalyzed: 01/04/25
Chloride	252	20.0	250		101	90-110			

250

20.0

101

90-110

0.545

#### 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:	Alley Cat 17 CTB 3	
l	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
1	Artesia NM, 88210	Project Manager:	Ashley Giovengo	01/08/25 07:41

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

associated LCS spike recovery was acceptable.

S5 Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.

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.

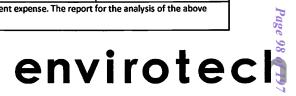


Released to Imaging: 5/13/2025 11:47:18 AM

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	Clier	nt Inform	ation			Invoice I	Information					La	b Us	e On	ly				T/	\T			State	9	
Client: D	evon				$\Box$	Company: Devon E	nergy		La	ab V	WO#		_	Job I	Num	ber		1D	2D	3D	Std	NM	CO UT	TX	П
Project:	Alley Cat 17	CTB 3	_			Address: 5315 Buei			LE	<b>う</b>		$\infty$	8	Old	<u>58</u> .	$\infty$	7				x	х			
Project N	<u> 1anager: Asl</u>	hley Giov	engo			City, State, Zip: Car	Isbad NM, 8822	0	[													·			
<u> Address:</u>	3122 Nation	nal Parks	Hwy			Phone: (575)689-75	97							Ana	lysis	and	Met	hod				EP	A Progra	am	
City, Stat	e, Zip: Carlsl	bad NM,	88220			Email: jim.raley@dv	vn.com		1	Γ												SDWA	CWA	RCRA	Π
Phone: !	75-988-005	5				/liscellaneous: Jim R																			٦
Email: a	giovengo@ei	nsolum.c	om				,			- 1	S.	5										Complianc	e Y	or N	╗
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				Samp	ole Informa	ation					ő	RO by	, 802	8260	e 300	- NN	05 - T	Met							
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID		Field Filter	Lab Numb	er	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals					Remarks		
11:14	12/31/2024	S	1			BH03 - 0'			I							x									
11:27	12/31/2024	S	1			BH03 - 2'			2							x							-		
11:32	12/31/2024	s	1			BH03 - 4'			3							x									
13:37	12/31/2024	S	1			BH03 - 6'			4							х									7
14:49	12/31/2024	S	1			BH03 - 8'	<del>-</del> ,,		5	,						х								-	
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						m, agiovengo@enso	olum.com, jim.	raley	edvn.	.con	n, ie	strel	la@e	nsol	um.	com,	char	nilto	n@e	nsol	um.c	om,			_
, (field sam	••	validity and				that tampering with or inte	entionally mislabeling	the sar	nple loca	ition,	, date	or time	e of co	llection	n is co	nsider	ed frau	d and	may b	e grou	nds for	legal action.			
Relinquish	_Oluwale Aderin ed by: (Signatur	re)	Date	425	Time	Received by: (Signat	ture)	Date	ທ.ງ:	5	Time	200 200	 >			sample	ed or re	celved				st be received temp above 0			
	ad by Sign or				Time	Reck/ved by: (Signat	ture)	Date	2.i	- 1	Time	7c					eivec		ce:		ab Us )/ N	e Only			_
Relinguish	ed by: (Signatur	re)	Date	2.25	Time 2400	Received hyd (Signat	We-	Date /.3	3.25		Time	30	)			T1		• • •		T2	, ···		Т3		
Relinquish	ed by: (Signatur	re)	Date	- · · · · ·	Time	Received by: (Signat	ture)	Date			Time					AVG	i Ten	o° an		<del>j</del>					•
Sample Mat	rix: <b>S -</b> Soil, <b>Sd -</b> So	olid, Sg - Slu	dge, A - Aque	ous, O - Othe	r	<u>.</u>		Cont	tainer T	Type	2: g -	glass	, p - p	oly/p	olasti					/ - VC	Α				_
Note: Sam	ples are discard	led 14 days	after result	s are report	ted unless ot	her arrangements are mainth this COC. The liability		nples	will be r	retur	rned t	o clie	nt or	dispos	ed of	at th						for the anal	sis of the	above	
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Printed: 1/3/2025 8:05:27AM

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

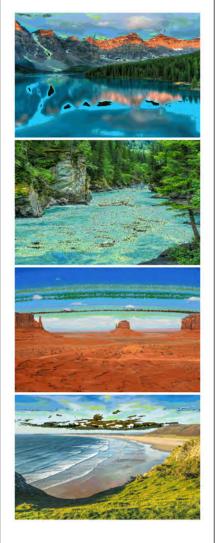
Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	01/03/25	06:30		Work Order ID:	E501008
Phone:	(505) 382-1211	Date Logged In:	01/02/25	15:32		Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	01/09/25	17:00 (4 day TAT)			
Chain o	f Custody (COC)						
	the sample ID match the COC?		Yes				
	the number of samples per sampling site location mat	ch the COC	Yes				
	samples dropped off by client or carrier?		Yes	Carrier: C	Courier		
4. Was th	ne COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes	<u> </u>			
	all samples received within holding time?  Note: Analysis, such as pH which should be conducted in	•	Yes				
Sample '	i.e, 15 minute hold time, are not included in this disucssic Turn Around Time (TAT)					Comment	ts/Resolution
	e COC indicate standard TAT, or Expedited TAT?		Yes				
Sample	•		103				
	sample cooler received?		Yes				
	was cooler received in good condition?		Yes				
•	ne sample(s) received intact, i.e., not broken?						
	custody/security seals present?		Yes				
			No				
•	s, were custody/security seals intact?		NA				
	he sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling	e received w/i 15	Yes				
13. If no	visible ice, record the temperature. Actual sample	temperature: 4°	<u>C</u>				
	<u>Container</u>						
	aqueous VOC samples present?		No				
	VOC samples collected in VOA Vials?		NA				
	e head space less than 6-8 mm (pea sized or less)?		NA				
17. Was	a trip blank (TB) included for VOC analyses?		NA				
18. Are 1	non-VOC samples collected in the correct containers?	?	Yes				
	appropriate volume/weight or number of sample contain	ers collected?	Yes				
Field La	<u>bel</u>						
	field sample labels filled out with the minimum info	rmation:					
	Sample ID?		Yes				
	Date/Time Collected? Collectors name?		Yes				
	Preservation		No				
	the COC or field labels indicate the samples were pr	eserved?	No				
	sample(s) correctly preserved?		NA				
	o filteration required and/or requested for dissolved m	netals?	No				
	•		110				
	ase Sample Matrix the sample have more than one phase, i.e., multiphase	?	N				
	s, does the COC specify which phase(s) is to be analy		No				
		zeu:	NA				
	ract Laboratory						
	samples required to get sent to a subcontract laborator	-	No				
29. Was	a subcontract laboratory specified by the client and if	so who?	NA	Subcontract Lab	: NA		
Client I	nstruction						
							1

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: Alley Cat 17 CTB 3

Work Order: E502028

Job Number: 01058-0007

Received: 2/5/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 2/11/25

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

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

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

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

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

Date Reported: 2/11/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Alley Cat 17 CTB 3

Workorder: E502028

Date Received: 2/5/2025 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/5/2025 7:30:00AM, under the Project Name: Alley Cat 17 CTB 3.

The analytical test results summarized in this report with the Project Name: Alley Cat 17 CTB 3 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:	Alley Cat 17 CTB 3	Denouted
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	02/11/25 08:52

Client Sample ID	Lab Sample ID Matrix	Sampled	Received	Container
SS08-0'	E502028-01A Soil	02/03/25	02/05/25	Glass Jar, 2 oz.
SS09-0'	E502028-02A Soil	02/03/25	02/05/25	Glass Jar, 2 oz.
SS10-0'	E502028-03A Soil	02/03/25	02/05/25	Glass Jar, 2 oz.
SS11-0'	E502028-04A Soil	02/03/25	02/05/25	Glass Jar, 2 oz.
SS12-0'	E502028-05A Soil	02/03/25	02/05/25	Glass Jar, 2 oz.
SS13-0'	E502028-06A Soil	02/03/25	02/05/25	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	Alley Cat 17 CTB 3	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/11/2025 8:52:56AM

#### SS08-0'

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: S	SL		Batch: 2506049
Benzene	ND	0.0250	1		02/05/25	02/07/25	
Ethylbenzene	ND	0.0250	1		02/05/25	02/07/25	
Toluene	ND	0.0250	1		02/05/25	02/07/25	
o-Xylene	ND	0.0250	1		02/05/25	02/07/25	
p,m-Xylene	ND	0.0500	1		02/05/25	02/07/25	
Total Xylenes	ND	0.0250	1		02/05/25	02/07/25	
Surrogate: Bromofluorobenzene		97.9 %	70-130		02/05/25	02/07/25	
Surrogate: 1,2-Dichloroethane-d4		97.7 %	70-130		02/05/25	02/07/25	
Surrogate: Toluene-d8		104 %	70-130		02/05/25	02/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg mg/kg		A	Analyst: S	SL		Batch: 2506049
Gasoline Range Organics (C6-C10)	ND	20.0	1		02/05/25	02/07/25	
Surrogate: Bromofluorobenzene		97.9 %	70-130		02/05/25	02/07/25	
Surrogate: 1,2-Dichloroethane-d4		97.7 %	70-130		02/05/25	02/07/25	
Surrogate: Toluene-d8		104 %	70-130		02/05/25	02/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: N	NV		Batch: 2506048
Diesel Range Organics (C10-C28)	ND	25.0	1		02/05/25	02/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1		02/05/25	02/05/25	
Surrogate: n-Nonane		105 %	61-141		02/05/25	02/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: A	AK		Batch: 2506056
Chloride	107	20.0	1		02/05/25	02/05/25	



Devon Energy - CarlsbadProject Name:Alley Cat 17 CTB 36488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo2/11/2025 8:52:56AM

#### SS09-0'

		Reporting					
Analyte	Result	Limit	Dilut	ion Prepa	ared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: SL			Batch: 2506049
Benzene	ND	0.0250	1	02/05	5/25	02/07/25	
Ethylbenzene	ND	0.0250	1	02/05	5/25	02/07/25	
Toluene	ND	0.0250	1	02/05	5/25	02/07/25	
o-Xylene	ND	0.0250	1	02/05	5/25	02/07/25	
p,m-Xylene	ND	0.0500	1	02/05	5/25	02/07/25	
Total Xylenes	ND	0.0250	1	02/05	5/25	02/07/25	
Surrogate: Bromofluorobenzene		100 %	70-130	02/05	5/25	02/07/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	02/05	5/25	02/07/25	
Surrogate: Toluene-d8		104 %	70-130	02/05	5/25	02/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: SL			Batch: 2506049
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/05	5/25	02/07/25	
Surrogate: Bromofluorobenzene		100 %	70-130	02/05	5/25	02/07/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	02/05	5/25	02/07/25	
Surrogate: Toluene-d8		104 %	70-130	02/05	5/25	02/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg Analyst: NV				Batch: 2506048	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/05	5/25	02/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/05	5/25	02/05/25	
Surrogate: n-Nonane	·	104 %	61-141	02/05	5/25	02/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: AK			Batch: 2506056



Devon Energy - CarlsbadProject Name:Alley Cat 17 CTB 36488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo2/11/2025 8:52:56AM

#### SS10-0'

		Reporting					
Analyte	Result	Limit	Dilut	tion Pr	epared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: SL			Batch: 2506049
Benzene	ND	0.0250	1	02	/05/25	02/07/25	
Ethylbenzene	ND	0.0250	1	02	/05/25	02/07/25	
Toluene	ND	0.0250	1	02	/05/25	02/07/25	
o-Xylene	ND	0.0250	1	02	/05/25	02/07/25	
p,m-Xylene	ND	0.0500	1	02	/05/25	02/07/25	
Total Xylenes	ND	0.0250	1	02	/05/25	02/07/25	
Surrogate: Bromofluorobenzene		101 %	70-130	02	2/05/25	02/07/25	
Surrogate: 1,2-Dichloroethane-d4		99.7 %	70-130	02	2/05/25	02/07/25	
Surrogate: Toluene-d8		102 %	70-130	02	2/05/25	02/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: SL			Batch: 2506049
Gasoline Range Organics (C6-C10)	ND	20.0	1	02	/05/25	02/07/25	
Surrogate: Bromofluorobenzene		101 %	70-130	02	2/05/25	02/07/25	
Surrogate: 1,2-Dichloroethane-d4		99.7 %	70-130	02	2/05/25	02/07/25	
Surrogate: Toluene-d8		102 %	70-130	02	2/05/25	02/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg Analyst: NV			Batch: 2506048		
Diesel Range Organics (C10-C28)	ND	25.0	1	02	/05/25	02/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02	/05/25	02/05/25	
Surrogate: n-Nonane		92.1 %	61-141	02	2/05/25	02/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: AK			Batch: 2506056



Devon Energy - CarlsbadProject Name:Alley Cat 17 CTB 36488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo2/11/2025 8:52:56AM

#### SS11-0'

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: SL		Batch: 2506049
Benzene	ND	0.0250	1	02/05/25	02/07/25	
Ethylbenzene	ND	0.0250	1	02/05/25	02/07/25	
Toluene	ND	0.0250	1	02/05/25	02/07/25	
o-Xylene	ND	0.0250	1	02/05/25	02/07/25	
p,m-Xylene	ND	0.0500	1	02/05/25	02/07/25	
Total Xylenes	ND	0.0250	1	02/05/25	02/07/25	
Surrogate: Bromofluorobenzene		99.7 %	70-130	02/05/25	02/07/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	02/05/25	02/07/25	
Surrogate: Toluene-d8		103 %	70-130	02/05/25	02/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	P	Analyst: SL		Batch: 2506049
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/05/25	02/07/25	
Surrogate: Bromofluorobenzene		99.7 %	70-130	02/05/25	02/07/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	02/05/25	02/07/25	
Surrogate: Toluene-d8		103 %	70-130	02/05/25	02/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg Analyst: NV			Batch: 2506048	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/05/25	02/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/05/25	02/05/25	
Surrogate: n-Nonane		107 %	61-141	02/05/25	02/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: AK		Batch: 2506056



Devon Energy - CarlsbadProject Name:Alley Cat 17 CTB 36488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo2/11/2025 8:52:56AM

#### SS12-0'

		Reporting				
Analyte	Result	Limit	Diluti	ion Prepa	red Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	А	analyst: SL		Batch: 2506049
Benzene	ND	0.0250	1	02/05	/25 02/07/25	
Ethylbenzene	ND	0.0250	1	02/05	/25 02/07/25	
Toluene	ND	0.0250	1	02/05	/25 02/07/25	
o-Xylene	ND	0.0250	1	02/05	/25 02/07/25	
p,m-Xylene	ND	0.0500	1	02/05	/25 02/07/25	
Total Xylenes	ND	0.0250	1	02/05	/25 02/07/25	
Surrogate: Bromofluorobenzene		101 %	70-130	02/05	/25 02/07/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	02/05	/25 02/07/25	
Surrogate: Toluene-d8		105 %	70-130	02/05	/25 02/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	analyst: SL		Batch: 2506049
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/05	/25 02/07/25	
Surrogate: Bromofluorobenzene		101 %	70-130	02/05	/25 02/07/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	02/05	/25 02/07/25	
Surrogate: Toluene-d8		105 %	70-130	02/05	/25 02/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg Analyst: NV			Batch: 2506048	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/05	/25 02/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/05	/25 02/05/25	
Surrogate: n-Nonane		103 %	61-141	02/05	/25 02/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	analyst: AK		Batch: 2506056
Chloride	1040	20.0	1	02/05	/25 02/05/25	

Devon Energy - Carlsbad	Project Name:	Alley Cat 17 CTB 3	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/11/2025 8:52:56AM

#### SS13-0'

		E502028-06					
		Reporting					
Analyte	Result	Limit	Dilı	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: SL		Batch: 2506049
Benzene	ND	0.0250		1	02/05/25	02/07/25	
Ethylbenzene	ND	0.0250		1	02/05/25	02/07/25	
Toluene	ND	0.0250		1	02/05/25	02/07/25	
o-Xylene	ND	0.0250		1	02/05/25	02/07/25	
p,m-Xylene	ND	0.0500		1	02/05/25	02/07/25	
Total Xylenes	ND	0.0250		1	02/05/25	02/07/25	
Surrogate: Bromofluorobenzene		102 %	70-130		02/05/25	02/07/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		02/05/25	02/07/25	
Surrogate: Toluene-d8		106 %	70-130		02/05/25	02/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: SL		Batch: 2506049
Gasoline Range Organics (C6-C10)	ND	20.0		1	02/05/25	02/07/25	
Surrogate: Bromofluorobenzene		102 %	70-130		02/05/25	02/07/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		02/05/25	02/07/25	
Surrogate: Toluene-d8		106 %	70-130		02/05/25	02/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: NV		Batch: 2506048
Diesel Range Organics (C10-C28)	ND	25.0	-	1	02/05/25	02/05/25	
Oil Range Organics (C28-C36)	ND	50.0		1	02/05/25	02/05/25	
Surrogate: n-Nonane		107 %	61-141		02/05/25	02/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: AK		Batch: 2506056
Chloride	113	20.0		1	02/05/25	02/05/25	



Devon Energy - Carlsbad Project Name: Alley Cat 17 CTB 3

6488 7 Rivers Hwy Project Number: 01058-0007

Artesia NM, 88210 Project Manager: Ashley Giovengo 2/11/2025 8:52:56AM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go			2/1	1/2025 8:52:56AM
	V	olatile Organ	ic Compo	unds by El	PA 8260I	3			Analyst: SL
Analyte		Reporting	Spike	Source		Rec		RPD	
	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2506049-BLK1)							Prepared: 02	2/05/25 Anal	yzed: 02/07/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
urrogate: Bromofluorobenzene	0.508		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.6	70-130			
Surrogate: Toluene-d8	0.521		0.500		104	70-130			
LCS (2506049-BS1)							Prepared: 02	2/05/25 Anal	yzed: 02/07/25
Benzene	2.15	0.0250	2.50		86.0	70-130			
Ethylbenzene	2.24	0.0250	2.50		89.4	70-130			
Coluene	2.31	0.0250	2.50		92.6	70-130			
-Xylene	2.25	0.0250	2.50		89.8	70-130			
p,m-Xylene	4.71	0.0500	5.00		94.1	70-130			
Total Xylenes	6.95	0.0250	7.50		92.7	70-130			
Gurrogate: Bromofluorobenzene	0.502		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.486		0.500		97.2	70-130			
Surrogate: Toluene-d8	0.523		0.500		105	70-130			
Matrix Spike (2506049-MS1)				Source:	E502028-0	05	Prepared: 02	2/05/25 Anal	yzed: 02/07/25
Benzene	2.22	0.0250	2.50	ND	88.9	48-131			
Ethylbenzene	2.37	0.0250	2.50	ND	94.9	45-135			
Toluene	2.46	0.0250	2.50	ND	98.2	48-130			
-Xylene	2.33	0.0250	2.50	ND	93.0	43-135			
o,m-Xylene	4.89	0.0500	5.00	ND	97.8	43-135			
Total Xylenes	7.22	0.0250	7.50	ND	96.2	43-135			
Gurrogate: Bromofluorobenzene	0.494		0.500		98.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		96.9	70-130			
Surrogate: Toluene-d8	0.522		0.500		104	70-130			
Matrix Spike Dup (2506049-MSD1)				Source:	E502028-	05	Prepared: 02	2/05/25 Anal	yzed: 02/07/25
Benzene	2.10	0.0250	2.50	ND	84.1	48-131	5.57	23	
Ethylbenzene	2.22	0.0250	2.50	ND	88.6	45-135	6.87	27	
Toluene	2.27	0.0250	2.50	ND	90.9	48-130	7.76	24	
-Xylene	2.24	0.0250	2.50	ND	89.4	43-135	3.90	27	
o,m-Xylene	4.69	0.0500	5.00	ND	93.9	43-135	4.13	27	
Total Xylenes	6.93	0.0250	7.50	ND	92.4	43-135	4.06	27	
Surrogate: Bromofluorobenzene	0.500		0.500		100	70-130			



0.500

0.500

98.3

103

70-130

70-130

0.492

0.516

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

Matrix Spike Dup (2506049-MSD2)

Gasoline Range Organics (C6-C10)

 ${\it Surrogate: Bromofluor obenzene}$ 

Surrogate: Toluene-d8

Surrogate: 1,2-Dichloroethane-d4

Analyte

#### **QC Summary Data**

Devon Energy - CarlsbadProject Name:Alley Cat 17 CTB 3Reported:6488 7 Rivers HwyProject Number:01058-0007Artesia NM, 88210Project Manager:Ashley Giovengo2/11/20258:52:56AM

Nonhalogenate	d Organias	by EDA	0015D	CDO
Nonnalogenate	a Organics	DV EPA	XU15D -	CTK()

Spike

Reporting

53.4

0.518

0.500

0.535

Source

Source: E502028-05

107

104

99.9

107

ND

70-130

70-130

70-130

70-130

5.71

Rec

Analyst: SL

RPD

Prepared: 02/05/25 Analyzed: 02/07/25

	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2506049-BLK1)							Prepared: 0	2/05/25 Analy	zed: 02/07/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.508		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.6	70-130			
Surrogate: Toluene-d8	0.521		0.500		104	70-130			
LCS (2506049-BS2)							Prepared: 0	2/05/25 Analy	zed: 02/07/25
Gasoline Range Organics (C6-C10)	48.0	20.0	50.0		96.1	70-130			
Surrogate: Bromofluorobenzene	0.512		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.5	70-130			
Surrogate: Toluene-d8	0.538		0.500		108	70-130			
Matrix Spike (2506049-MS2)				Source:	E502028-	05	Prepared: 0	2/05/25 Analy	zed: 02/07/25
Gasoline Range Organics (C6-C10)	50.5	20.0	50.0	ND	101	70-130			
Surrogate: Bromofluorobenzene	0.521		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.1	70-130			
Surrogate: Toluene-d8	0.536		0.500		107	70-130			

50.0

0.500

0.500

0.500

20.0



Devon Energy - Carlsbad	Project Name:	Alley Cat 17 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	•
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/11/2025 8:52:56AM

Artesia NM, 88210		Project Manager	r: As	hley Gioveng	go			4	2/11/2025 8:52:56AF
	Nonha	logenated Or	ganics by l	EPA 8015I	) - DRO	/ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2506048-BLK1)							Prepared: 0	2/05/25 An	nalyzed: 02/05/25
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	53.4		50.0		107	61-141			
LCS (2506048-BS1)							Prepared: 0	2/05/25 An	nalyzed: 02/05/25
Diesel Range Organics (C10-C28)	269	25.0	250		108	66-144			
urrogate: n-Nonane	53.8		50.0		108	61-141			
Matrix Spike (2506048-MS1)				Source:	E502027-0	05	Prepared: 0	2/05/25 An	nalyzed: 02/05/25
Diesel Range Organics (C10-C28)	300	25.0	250	ND	120	56-156			
urrogate: n-Nonane	57.1		50.0		114	61-141			
Matrix Spike Dup (2506048-MSD1)				Source:	E502027-0	05	Prepared: 0	2/05/25 An	nalyzed: 02/05/25
Diesel Range Organics (C10-C28)	291	25.0	250	ND	116	56-156	3.37	20	
urrogate: n-Nonane	62.8		50.0		126	61-141			



Matrix Spike (2506056-MS1)

Chloride

Matrix Spike Dup (2506056-MSD1)

460

472

Prepared: 02/05/25 Analyzed: 02/05/25

Prepared: 02/05/25 Analyzed: 02/05/25

20

#### **QC Summary Data**

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		lley Cat 17 C. 1058-0007	ГВ 3				Reported:
Artesia NM, 88210		Project Manager:		shley Gioveng	go				2/11/2025 8:52:56AM
		Anions	by EPA	300.0/9056	4				Analyst: AK
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2506056-BLK1)							Prepared: 0	2/05/25 A	nalyzed: 02/05/25
Chloride	ND	20.0							
LCS (2506056-BS1)							Prepared: 0	2/05/25 A	nalyzed: 02/05/25
Chloride	254	20.0	250		101	90-110			

250

250

20.0

20.0

Source: E502028-04

Source: E502028-04

89.5

94.3

80-120

80-120

2.58

236

236

#### 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:	Alley Cat 17 CTB 3	
١	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
	Artesia NM, 88210	Project Manager:	Ashley Giovengo	02/11/25 08:52

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.

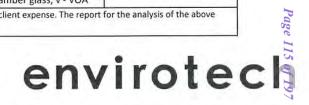
Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



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Ά	RC	RA		5/6/
Υ	or	N		2025
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				PM

	Clie	nt Inform	nation			Invoice Informati	on			La	b Us	e On	nly TAT					State			
Client: D	evon				Co	ompany: Devon Energy		Lal	b WO	#		Job	Num	ber		1D	2D 3	D Std	NM	CO UT	TX
	Alley Cat 17	СТВ 3			_     A	ddress: 5315 Buena Vista D	)r	_   F	50	702			58.0		7			x	x		
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	e, Zip: Carls					mail: jim.raley@dvn.com													SDWA	CWA	RCRA
	75-988-005	_	OOLLO			scellaneous: Jim Raley							1								1
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-				Sami	ple Informat	ion			- yqc	yd C	BTEX by 8021	260	Chloride 300.0	Σ	TCEQ 1005 - TX	RCRA 8 Metals			1 44510 11		
Time	1 10 1 11		No. of	2,200.20			0 8	Lab	OR O	/DR(	by	by 8	ride	- 20	100	8				Remarks	
Sampled	Date Sampled	Matrix	Containers			Sample ID	Field	Lab Numbe	DRO/ORO by	GRO/DRO by	BTEX	VOC by 8260	Chlo	BGDOC - NM	TCEQ	RCR/		JI			
9:24	2/3/2025	S	1			SS08 - 0'		1						х							
9:27	2/3/2025	S	1			SS09 - 0'		2						x							
9:18	2/3/2025	S	1			SS10 - 0'		3						х							
10:20	2/3/2025	S	1			SS11 - 0'		4						х							
11:01	2/3/2025	S	1			SS12 - 0'	7(1)	5						х							
11:22	2/3/2025	5	1			SS13 - 0'		6						х							
								4													
	al Instructio		ase CC: cbui	ton@e	ensolum.com	n, agiovengo@ensolum.com	n, jim.raley	@dvn.c	om, i	estre	lla@	ensol	um.c	om,	chai	nilto	n@ens	olum.	com,		
I, (field sam	oler), attest to the	e validity and	d authenticity of	this samp		at tampering with or intentionally mis	labeling the sa	mple locati	ion, date	e or tim	e of co	llectio	n is cor	nsider	ed frau	id and r	nay be g	rounds fo	r legal action.		
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						er arrangements are made. Hazaro									e clier	nt expe	ense. Th	e report	for the anal	ysis of the	above





envirotech Inc.

Printed: 2/5/2025 8:24:55AM

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	02/05/25	07:30	Work Order ID:	E502028
Phone:	(505) 382-1211	Date Logged In:	02/04/25	14:41	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	02/11/25	17:00 (4 day TAT)		
Chain a	Custody (COC)					
			37			
	he sample ID match the COC?  he number of samples per sampling site location mate	ch the COC	Yes			
	samples dropped off by client or carrier?	on the coc	Yes Yes	Comion Counion		
	ne COC complete, i.e., signatures, dates/times, request	ted analyses?	Yes	Carrier: Courier		
	all samples received within holding time?	ica anaryses.	Yes			
3. Wele a	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssio		103		Comment	s/Resolution
	<u> Turn Around Time (TAT)</u>					
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample						
	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was th	ne sample(s) received intact, i.e., not broken?		Yes			
10. Were	custody/security seals present?		No			
11. If yes	s, were custody/security seals intact?		NA			
	ne sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample	received w/i 15	Yes <u>C</u>			
Sample	<u>Container</u>					
	iqueous VOC samples present?		No			
	VOC samples collected in VOA Vials?		NA			
	e head space less than 6-8 mm (pea sized or less)?		NA			
17. Was	a trip blank (TB) included for VOC analyses?		NA			
	non-VOC samples collected in the correct containers?		Yes			
	appropriate volume/weight or number of sample contain		Yes			
Field La	bel					
•	field sample labels filled out with the minimum info	mation:				
5	Sample ID?		Yes			
	Date/Time Collected?		Yes			
	Collectors name?		No			
	Preservation	10				
	the COC or field labels indicate the samples were pro	eserved?	No			
	sample(s) correctly preserved?	-4-1-9	NA			
	o filteration required and/or requested for dissolved m	etais?	No			
	ase Sample Matrix	_				
	the sample have more than one phase, i.e., multiphas		No			
27. If yes	s, does the COC specify which phase(s) is to be analy	zed?	NA			
Subcont	ract Laboratory					
	amples required to get sent to a subcontract laborator a subcontract laboratory specified by the client and if	•	No NA	Subcontract Lab: NA		
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: Alley Cat 17 CTB 3

Work Order: E502090

Job Number: 01058-0007

Received: 2/12/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 2/18/25

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

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

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

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

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

Date Reported: 2/18/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Alley Cat 17 CTB 3

Workorder: E502090

Date Received: 2/12/2025 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/12/2025 8:00:00AM, under the Project Name: Alley Cat 17 CTB 3.

The analytical test results summarized in this report with the Project Name: Alley Cat 17 CTB 3 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

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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## Sample Summary

Devon Energy - Carlsbad	Project Name:	Alley Cat 17 CTB 3	Donoutodi
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	02/18/25 08:24

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH03-10'	E502090-01A	Soil	02/11/25	02/12/25	Glass Jar, 2 oz.
BH03-12'	E502090-02A	Soil	02/11/25	02/12/25	Glass Jar, 2 oz.
BH03-13'	E502090-03A	Soil	02/11/25	02/12/25	Glass Jar, 2 oz.
BH03-14'	E502090-04A	Soil	02/11/25	02/12/25	Glass Jar, 2 oz.



Devon Energy - CarlsbadProject Name:Alley Cat 17 CTB 36488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo2/18/2025 8:24:08AM

#### BH03-10' E502090-01

		E302070-01					
Analyte	Result	Reporting Limit	Dilut	tion Pre	epared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg mg/kg		A	Analyst: SL	<u>-</u>	Batch: 2507061	
Benzene	ND	0.0250	1	02/	/12/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/	/12/25	02/12/25	
Toluene	ND	0.0250	1	02/	/12/25	02/12/25	
o-Xylene	ND	0.0250	1	02/	/12/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/	/12/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/	/12/25	02/12/25	
Surrogate: Bromofluorobenzene		102 %	70-130	02/	/12/25	02/12/25	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	02/	/12/25	02/12/25	
Surrogate: Toluene-d8		105 %	70-130	02/	/12/25	02/12/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: SL			Batch: 2507061
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/	/12/25	02/12/25	
Surrogate: Bromofluorobenzene		102 %	70-130	02/	/12/25	02/12/25	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	02/	/12/25	02/12/25	
Surrogate: Toluene-d8		105 %	70-130	02/	/12/25	02/12/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KH			Batch: 2507066
Diesel Range Organics (C10-C28)	ND	25.0	1	02/	/12/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/	/12/25	02/12/25	
Surrogate: n-Nonane		109 %	61-141	02/	/12/25	02/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: AK			Batch: 2507067
Chloride	433	20.0	1		/12/25	02/12/25	



Devon Energy - CarlsbadProject Name:Alley Cat 17 CTB 36488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo2/18/2025 8:24:08AM

#### BH03-12' E502090-02

		Reporting				
Analyte	Result	Limit	Dilut	tion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: SL		Batch: 2507061
Benzene	ND	0.0250	1	02/12/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/12/25	02/12/25	
Toluene	ND	0.0250	1	02/12/25	02/12/25	
o-Xylene	ND	0.0250	1	02/12/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/12/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/12/25	02/12/25	
Surrogate: Bromofluorobenzene		102 %	70-130	02/12/25	02/12/25	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130	02/12/25	02/12/25	
Surrogate: Toluene-d8		105 %	70-130	02/12/25	02/12/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: SL		Batch: 2507061
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/12/25	02/12/25	
Surrogate: Bromofluorobenzene		102 %	70-130	02/12/25	02/12/25	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130	02/12/25	02/12/25	
Surrogate: Toluene-d8		105 %	70-130	02/12/25	02/12/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KH		Batch: 2507066
Diesel Range Organics (C10-C28)	ND	25.0	1	02/12/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/12/25	02/12/25	
Surrogate: n-Nonane		122 %	61-141	02/12/25	02/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	P	Analyst: AK		Batch: 2507067
Chloride	465	20.0	1	02/12/25	02/12/25	



Devon Energy - CarlsbadProject Name:Alley Cat 17 CTB 36488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo2/18/2025 8:24:08AM

#### BH03-13' E502090-03

		1202070 00				
Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
				1	7 mary 20d	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: SL		Batch: 2507061
Benzene	ND	0.0250	1	02/12/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/12/25	02/12/25	
Toluene	ND	0.0250	1	02/12/25	02/12/25	
o-Xylene	ND	0.0250	1	02/12/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/12/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/12/25	02/12/25	
Surrogate: Bromofluorobenzene		102 %	70-130	02/12/25	02/12/25	
Surrogate: 1,2-Dichloroethane-d4		98.5 %	70-130	02/12/25	02/12/25	
Surrogate: Toluene-d8		104 %	70-130	02/12/25	02/12/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	Analyst: SL		Batch: 2507061
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/12/25	02/12/25	
Surrogate: Bromofluorobenzene		102 %	70-130	02/12/25	02/12/25	
Surrogate: 1,2-Dichloroethane-d4		98.5 %	70-130	02/12/25	02/12/25	
Surrogate: Toluene-d8		104 %	70-130	02/12/25	02/12/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KH		Batch: 2507066
Diesel Range Organics (C10-C28)	ND	25.0	1	02/12/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/12/25	02/12/25	
Surrogate: n-Nonane		123 %	61-141	02/12/25	02/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	Analyst: AK		Batch: 2507067
Chloride	215	20.0	1	02/12/25	02/12/25	



Devon Energy - CarlsbadProject Name:Alley Cat 17 CTB 36488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo2/18/2025 8:24:08AM

#### BH03-14' E502090-04

D 1	Reporting	D.,			N.
Kesult	Limit	Dilut	ion Prepared	Analyzed	Notes
mg/kg	mg/kg	A	Analyst: SL		Batch: 2507061
ND	0.0250	1	02/12/25	02/12/25	
ND	0.0250	1	02/12/25	02/12/25	
ND	0.0250	1	02/12/25	02/12/25	
ND	0.0250	1	02/12/25	02/12/25	
ND	0.0500	1	02/12/25	02/12/25	
ND	0.0250	1	02/12/25	02/12/25	
	102 %	70-130	02/12/25	02/12/25	
	100 %	70-130	02/12/25	02/12/25	
	104 %	70-130	02/12/25	02/12/25	
mg/kg	mg/kg	Α	Analyst: SL		Batch: 2507061
ND	20.0	1	02/12/25	02/12/25	
	102 %	70-130	02/12/25	02/12/25	
	100 %	70-130	02/12/25	02/12/25	
	104 %	70-130	02/12/25	02/12/25	
mg/kg	mg/kg	Α	Analyst: KH		Batch: 2507066
ND	25.0	1	02/12/25	02/12/25	
ND	50.0	1	02/12/25	02/12/25	
	114 %	61-141	02/12/25	02/12/25	
	ma/ka		Analyst: AK		Batch: 2507067
mg/kg	mg/kg	Г	maryst. 7th		Batch. 2307007
	ND	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           IOU         %           100 %         104 %           MD         20.0           IOU         %           100 %         104 %           mg/kg         mg/kg           ND         25.0           ND         50.0           114 %	Result         Limit         Dilute           mg/kg         mg/kg         A           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           102 %         70-130           104 %         70-130           104 %         70-130           102 %         70-130           104 %         70-130           104 %         70-130           mg/kg         mg/kg           ND         25.0           ND         50.0           114 %         61-141	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         02/12/25           ND         0.0250         1         02/12/25           ND         0.0250         1         02/12/25           ND         0.0250         1         02/12/25           ND         0.0500         1         02/12/25           ND         0.0250         1         02/12/25           102 %         70-130         02/12/25           100 %         70-130         02/12/25           104 %         70-130         02/12/25           102 %         70-130         02/12/25           100 %         70-130         02/12/25           100 %         70-130         02/12/25           104 %         70-130         02/12/25           104 %         70-130         02/12/25           104 %         70-130         02/12/25           104 %         70-130         02/12/25           ND         25.0         1         02/12/25           ND         50.0         1         02/12/25           ND         50.0	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: SL         Very State of the control of the c



Devon Energy - Carlsbad Project Name: Alley Cat 17 CTB 3

6488 7 Rivers Hwy Project Number: 01058-0007

Artesia NM, 88210 Project Manager: Ashley Giovengo 2/18/2025 8:24:08AM

Volatile Organic Compounds by EPA 8260B

Analyst: SL

	Volatile Organic Compounds by EPA 8260B								
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2507061-BLK1)							Prepared: 02	2/12/25 A	nalyzed: 02/12/25
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: Bromofluorobenzene	0.519		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.503		0.500		101	70-130			
Surrogate: Toluene-d8	0.522		0.500		104	70-130			
LCS (2507061-BS1)							Prepared: 02	2/12/25 A	nalyzed: 02/12/25
Benzene	2.09	0.0250	2.50		83.7	70-130			
Ethylbenzene	2.19	0.0250	2.50		87.6	70-130			
Toluene	2.29	0.0250	2.50		91.5	70-130			
o-Xylene	2.17	0.0250	2.50		86.8	70-130			
p,m-Xylene	4.52	0.0500	5.00		90.3	70-130			
Total Xylenes	6.69	0.0250	7.50		89.2	70-130			
Surrogate: Bromofluorobenzene	0.499		0.500		99.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.508		0.500		102	70-130			
Surrogate: Toluene-d8	0.518		0.500		104	70-130			
Matrix Spike (2507061-MS1)				Source:	E502087-0	)5	Prepared: 02	2/12/25 A	nalyzed: 02/12/25
Benzene	2.23	0.0250	2.50	ND	89.2	48-131			
Ethylbenzene	2.36	0.0250				45-135			
		0.0250	2.50	ND	94.5	15 155			
Toluene	2.45	0.0250	2.50 2.50	ND ND	94.5 97.9	48-130			
	2.45 2.38								
o-Xylene		0.0250	2.50	ND	97.9	48-130			
o-Xylene p,m-Xylene	2.38	0.0250 0.0250	2.50 2.50	ND ND	97.9 95.1	48-130 43-135			
o-Xylene p,m-Xylene Total Xylenes	2.38 4.96	0.0250 0.0250 0.0500	2.50 2.50 5.00	ND ND ND	97.9 95.1 99.1	48-130 43-135 43-135			
o-Xylene p,m-Xylene Total Xylenes Surrogate: Bromofluorobenzene	2.38 4.96 7.34	0.0250 0.0250 0.0500	2.50 2.50 5.00 7.50	ND ND ND	97.9 95.1 99.1 97.8	48-130 43-135 43-135 43-135			
Toluene o-Xylene p,m-Xylene Total Xylenes Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8	2.38 4.96 7.34 0.505	0.0250 0.0250 0.0500	2.50 2.50 5.00 7.50 0.500	ND ND ND	97.9 95.1 99.1 97.8	48-130 43-135 43-135 43-135 70-130			
o-Xylene p,m-Xylene Total Xylenes Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4	2.38 4.96 7.34 0.505 0.499	0.0250 0.0250 0.0500	2.50 2.50 5.00 7.50 0.500 0.500	ND ND ND ND	97.9 95.1 99.1 97.8 101 99.8	48-130 43-135 43-135 43-135 70-130 70-130	Prepared: 0/	2/12/25 Ai	nalyzed: 02/12/25
o-Xylene p,m-Xylene Total Xylenes Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Matrix Spike Dup (2507061-MSD1)	2.38 4.96 7.34 0.505 0.499	0.0250 0.0250 0.0500	2.50 2.50 5.00 7.50 0.500 0.500	ND ND ND ND	97.9 95.1 99.1 97.8 101 99.8 103	48-130 43-135 43-135 43-135 70-130 70-130	Prepared: 0: 0.698	2/12/25 Ai	nalyzed: 02/12/25
o-Xylene p,m-Xylene Total Xylenes Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Matrix Spike Dup (2507061-MSD1) Benzene	2.38 4.96 7.34 0.505 0.499 0.514	0.0250 0.0250 0.0500 0.0250	2.50 2.50 5.00 7.50 0.500 0.500 0.500	ND ND ND ND	97.9 95.1 99.1 97.8 101 99.8 103 E502087-(	48-130 43-135 43-135 70-130 70-130	•		nalyzed: 02/12/25
o-Xylene p,m-Xylene Total Xylenes Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Matrix Spike Dup (2507061-MSD1) Benzene Ethylbenzene	2.38 4.96 7.34 0.505 0.499 0.514	0.0250 0.0250 0.0500 0.0250	2.50 2.50 5.00 7.50 0.500 0.500 0.500	ND ND ND ND ND	97.9 95.1 99.1 97.8 101 99.8 103 <b>E502087-(</b>	48-130 43-135 43-135 70-130 70-130 70-130 48-131	0.698	23	nalyzed: 02/12/25
o-Xylene p,m-Xylene Total Xylenes Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Matrix Spike Dup (2507061-MSD1) Benzene Ethylbenzene Toluene	2.38 4.96 7.34 0.505 0.499 0.514 2.21 2.37	0.0250 0.0250 0.0500 0.0250 0.0250	2.50 2.50 5.00 7.50 0.500 0.500 0.500	ND ND ND ND Source:	97.9 95.1 99.1 97.8 101 99.8 103 <b>E502087-6</b> 88.5 95.0	48-130 43-135 43-135 43-135 70-130 70-130 70-130 48-131 45-135	0.698 0.507	23 27	nalyzed: 02/12/25
o-Xylene p,m-Xylene Total Xylenes Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Matrix Spike Dup (2507061-MSD1) Benzene Ethylbenzene Toluene o-Xylene	2.38 4.96 7.34 0.505 0.499 0.514 2.21 2.37 2.45	0.0250 0.0250 0.0500 0.0250 0.0250 0.0250 0.0250	2.50 2.50 5.00 7.50 0.500 0.500 0.500 2.50 2.50 2.50	ND	97.9 95.1 99.1 97.8 101 99.8 103 <b>E502087-0</b> 88.5 95.0 97.8	48-130 43-135 43-135 43-135 70-130 70-130 55 48-131 45-135 48-130	0.698 0.507 0.0409	23 27 24	nalyzed: 02/12/25
o-Xylene p,m-Xylene Total Xylenes Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8	2.38 4.96 7.34 0.505 0.499 0.514 2.21 2.37 2.45 2.41	0.0250 0.0250 0.0500 0.0250 0.0250 0.0250 0.0250 0.0250	2.50 2.50 5.00 7.50 0.500 0.500 0.500 2.50 2.50 2.50 2.5	ND	97.9 95.1 99.1 97.8 101 99.8 103 <b>E502087-(</b> 88.5 95.0 97.8 96.5	48-130 43-135 43-135 70-130 70-130 70-130 48-131 45-135 48-130 43-135	0.698 0.507 0.0409 1.42	23 27 24 27	nalyzed: 02/12/25
p-Xylene p,m-Xylene Total Xylenes Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Matrix Spike Dup (2507061-MSD1) Benzene Ethylbenzene Toluene p-Xylene p,m-Xylene Total Xylenes	2.38 4.96 7.34 0.505 0.499 0.514 2.21 2.37 2.45 2.41 4.99	0.0250 0.0250 0.0500 0.0250 0.0250 0.0250 0.0250 0.0250 0.0250 0.0250	2.50 2.50 5.00 7.50 0.500 0.500 0.500 2.50 2.50 2.50 2.5	ND	97.9 95.1 99.1 97.8 101 99.8 103 <b>E502087-0</b> 88.5 95.0 97.8 96.5 99.7	48-130 43-135 43-135 70-130 70-130 70-130 48-131 45-135 48-130 43-135 43-135	0.698 0.507 0.0409 1.42 0.603	23 27 24 27 27	nalyzed: 02/12/25
o-Xylene p,m-Xylene Total Xylenes Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Matrix Spike Dup (2507061-MSD1) Benzene Ethylbenzene Toluene o-Xylene p,m-Xylene	2.38 4.96 7.34 0.505 0.499 0.514 2.21 2.37 2.45 2.41 4.99 7.40	0.0250 0.0250 0.0500 0.0250 0.0250 0.0250 0.0250 0.0250 0.0250 0.0250	2.50 2.50 5.00 7.50 0.500 0.500 0.500 2.50 2.50 2.50 2.5	ND	97.9 95.1 99.1 97.8 101 99.8 103 <b>E502087-(</b> 88.5 95.0 97.8 96.5 99.7 98.7	48-130 43-135 43-135 70-130 70-130 70-130 48-131 45-135 48-130 43-135 43-135 43-135	0.698 0.507 0.0409 1.42 0.603	23 27 24 27 27	nalyzed: 02/12/25



Devon Energy - CarlsbadProject Name:Alley Cat 17 CTB 3Reported:6488 7 Rivers HwyProject Number:01058-0007Artesia NM, 88210Project Manager:Ashley Giovengo2/18/20258:24:08AM

Nonhalogenated	Organics	by EPA	8015D -	GRO

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

	Result	Limit	Level	Result	Rec	Limits	KPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2507061-BLK1)							Prepared: 02	2/12/25 Analy	yzed: 02/12/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.519		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.503		0.500		101	70-130			
Surrogate: Toluene-d8	0.522		0.500		104	70-130			
LCS (2507061-BS2)							Prepared: 02	2/12/25 Analy	yzed: 02/12/25
Gasoline Range Organics (C6-C10)	54.9	20.0	50.0		110	70-130	·		
Surrogate: Bromofluorobenzene	0.524		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.496		0.500		99.1	70-130			
Surrogate: Toluene-d8	0.527		0.500		105	70-130			
Matrix Spike (2507061-MS2)				Source:	E502087-	05	Prepared: 02	2/12/25 Analy	yzed: 02/12/25
Gasoline Range Organics (C6-C10)	57.6	20.0	50.0	ND	115	70-130			
Surrogate: Bromofluorobenzene	0.525		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.8	70-130			
Surrogate: Toluene-d8	0.520		0.500		104	70-130			
Matrix Spike Dup (2507061-MSD2)				Source:	E502087-	05	Prepared: 02	2/12/25 Analy	yzed: 02/12/25
Gasoline Range Organics (C6-C10)	56.0	20.0	50.0	ND	112	70-130	2.76	20	
Surrogate: Bromofluorobenzene	0.523		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.502		0.500		100	70-130			
Surrogate: Toluene-d8	0.521		0.500		104	70-130			



Devon Energy - Carlsbad	Project Name:	Alley Cat 17 CTB 3	Reported:
6488 7 Rivers Hwy Artesia NM, 88210	Project Number: Project Manager:	01058-0007	2/18/2025 8:24:08AM
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/16/2023 8.24.06AW

	Analyst: KH
RPD D Limit	
%	Notes
ed: 02/12/25	Analyzed: 02/12/25
ed: 02/12/25	Analyzed: 02/12/25
ed: 02/12/25	Analyzed: 02/12/25
ed: 02/12/25	Analyzed: 02/13/25
7 20	M4
	D Limit %  ed: 02/12/25  ed: 02/12/25  ed: 02/12/25



Chloride

Chloride

Chloride

Matrix Spike (2507067-MS1)

Matrix Spike Dup (2507067-MSD1)

#### **QC Summary Data**

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number Project Manage	: 0	lley Cat 17 C 1058-0007 shley Gioven					<b>Reported:</b> 2/18/2025 8:24:08AM
		Anions	by EPA	300.0/9056	A				Analyst: AK
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2507067-BLK1)						F	Prepared: 0	2/12/25 A	nalyzed: 02/12/25
Chloride	ND	20.0							
LCS (2507067-BS1)						F	repared: 0	2/12/25 A	nalyzed: 02/12/25

250

250

250

20.0

20.0

20.0

256

355

359

90-110

80-120

80-120

1.20

Prepared: 02/12/25 Analyzed: 02/12/25

Prepared: 02/12/25 Analyzed: 02/12/25

20

102

103

105

Source: E502087-03

Source: E502087-03

97.2

97.2

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**

Γ	Devon Energy - Carlsbad	Project Name:	Alley Cat 17 CTB 3	
l	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
	Artesia NM, 88210	Project Manager:	Ashley Giovengo	02/18/25 08:24

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.

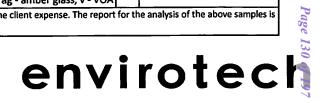
Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Page	of	1 2
State		Received by OCD: 5/6/2025 3:31:16 PM
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Client Information				Invoice Information			Lab Use Only							TAT State			State				
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	Alley Cat 17	CTB 3				ddress: 5315 Buena Vista D	r		FF	x)2	<b>n</b> q	0	OID:	581	S	7				x	×
	lanager: Ash		engo			ty, State, Zip: Carlsbad NM,					· ·		- 1-								
Address: 3122 National Parks Hwy Phone: (575)689-7597										Ana	lysis	and	Meti	nod				EPA Program			
	e, Zip: Carlsl					nail: jim.raley@dvn.com	7														SDWA CWA RCRA
	75-988-005					cellaneous: Jim Raley			1												
	giovengo@ei		om			cenarico asi sini nare,				57	5				1						Compliance Y or N
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<del></del>				Samp	ole Information	on				DRO/ORO by 8015	GRO/DRO by	ВТЕХ ЬУ 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				
Time	Data Campled	Matrix	No. of			Sample ID	Field	Filter	Lab	Į į	lo/c	χ.	C P	orid	ŏ	8	8 ≴	1			Remarks
Sampled	Date Sampled	IVIATIIX	Containers			Sample ID	Ĕ.	ii Nu	mber	) N	GR	BTE	Š	Ü	98	ŢĞ	Š				
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11:34	2/11/2025	S	1		<del></del>	BH03 - 14'		1							х						
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A -1-0'0'	-1 1	<u> </u>	on CC: ab			agiovengo@ensolum.com, j	im ralau			iost	l reller	<u> </u>	- clus			amile		9005	الم	L_	<u></u>
			ise cc: cb	urton@en	solum.com, a	agiovengo@ensoium.com, j	aiey	wuvi	,	, 162(	elid(	weil:	ouun	11. CUI	ii, Cil	en (IIII)	, o i i@	. C113	Jiuili		<b>"</b>
i. (field sam	ns@ensolum	. <b>com</b> e validity and	l authenticity	of this sample	e. I am aware that	t tampering with or intentionally misla	beling the sa	ample l	ocation,	date o	r time	of coll	ection	is cons	idered	fraud	and m	ay be g	ground	is for le	egal action.
1	_Cole Burton						Ĭ														
Relinquish	ed byr (Signatur	e)	Date	. / .	Time	Received by: (Signature)	Da	te		Time											st be received on ice the day they are
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	ed by: (Signatur		Date	11-25	1706	Received by: (Signifure)	Da	2.11	125	Ťime	171	5			Rec	eived	on i	ce:	_	ab U: <b>)</b> / N	se Only
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Relinquish	ed by: (Signatur	e)	Date	.11.62		Received by: (Signature)	Da			Time			1					_ /1			
													<u> </u>		AVG	Tem	ıp °C		•		
	rix: S - Soil, Sd - S								er Type												
													osed	of at t	ne cli	ent ex	pense	. The	report	t for ti	he analysis of the above samples is
[applicable	only to those sa	amples rece	ived by the	laboratory w	vith this COC. Th	e liability of the laboratory is limite	ed to the a	mount	paid to	r on ti	ne rep	ort.									





envirotech Inc.

Printed: 2/12/2025 8:40:04AM

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

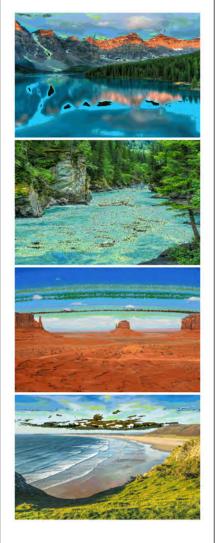
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Devon Energy - Carlsbad	Date Received:	02/12/25	08:00		Work Order ID:	E502090
Phone:	(505) 382-1211	Date Logged In:	02/11/25	15:18		Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	02/18/25	17:00 (4 day TAT)			
Chain of	Custody (COC)						
	ne sample ID match the COC?		Yes				
	ne number of samples per sampling site location ma	tch the COC	Yes				
	amples dropped off by client or carrier?		Yes	Carrier: <u>Co</u>	<u>ourier</u>		
4. Was the	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes				
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssi		Yes			Comments	s/Resolution
Sample T	urn Around Time (TAT)			Γ			
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C	<u>Cooler</u>						
7. Was a s	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was the	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes,	, were custody/security seals intact?		NA				
12. Was th	e sample received on ice? If yes, the recorded temp is 4°C.  Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	re received w/i 15	Yes				
Sample C	•	· · · · · · <u>—</u>	_				
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers	9	Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field Lat	•	nors conceica.	105				
	field sample labels filled out with the minimum info	ormation:					
	ample ID?	ormation.	Yes				
	ate/Time Collected?		Yes	L			
C	ollectors name?		Yes				
Sample P	<u>reservation</u>						
21. Does	the COC or field labels indicate the samples were p	reserved?	No				
22. Are sa	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved n	netals?	No				
Multipha	se Sample Matrix						
26. Does	the sample have more than one phase, i.e., multipha	ise?	No				
27. If yes,	, does the COC specify which phase(s) is to be analy	yzed?	NA				
Subcontr	ract Laboratory						
	amples required to get sent to a subcontract laborato	rv?	No				
	subcontract laboratory specified by the client and i	•	NA	Subcontract Lab:	NA		
	• •			Succentract East.	1411		
Chent II	<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: Alley Cat 17 CTB 3

Work Order: E503098

Job Number: 01058-0007

Received: 3/14/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 3/18/25

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: 3/18/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Alley Cat 17 CTB 3

Workorder: E503098

Date Received: 3/14/2025 4:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/14/2025 4:30:00AM, under the Project Name: Alley Cat 17 CTB 3.

The analytical test results summarized in this report with the Project Name: Alley Cat 17 CTB 3 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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mgonzales@envirotech-inc.com

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## Sample Summary

Devon Energy - Carlsbad	Project Name:	Alley Cat 17 CTB 3	Donoutoda
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	03/18/25 11:15

Client Sample ID	Lab Sample ID Matrix	Sampled	Received	Container
FS01-1'	E503098-01A Soil	03/12/25	03/14/25	Glass Jar, 2 oz.
FS02-1'	E503098-02A Soil	03/12/25	03/14/25	Glass Jar, 2 oz.
FS05-1'	E503098-03A Soil	03/12/25	03/14/25	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	Alley Cat 17 CTB 3	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/18/2025 11:15:37AM

#### FS01-1' E503098-01

		E303070-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: SL		Batch: 2511072
Benzene	ND	0.0250	1	03/14/25	03/15/25	
Ethylbenzene	ND	0.0250	1	03/14/25	03/15/25	
Toluene	ND	0.0250	1	03/14/25	03/15/25	
o-Xylene	ND	0.0250	1	03/14/25	03/15/25	
p,m-Xylene	ND	0.0500	1	03/14/25	03/15/25	
Total Xylenes	ND	0.0250	1	03/14/25	03/15/25	
Surrogate: 4-Bromochlorobenzene-PID		77.4 %	70-130	03/14/25	03/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2511072
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/14/25	03/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.9 %	70-130	03/14/25	03/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	/st: KH		Batch: 2511077
Diesel Range Organics (C10-C28)	321	25.0	1	03/14/25	03/15/25	
Oil Range Organics (C28-C36)	267	50.0	1	03/14/25	03/15/25	
Surrogate: n-Nonane		99.0 %	61-141	03/14/25	03/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	/st: AK		Batch: 2511071
Chloride	1130	20.0	1	03/14/25	03/14/25	

Devon Energy - Carlsbad	Project Name:	Alley Cat 17 CTB 3	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/18/2025 11:15:37AM

#### FS02-1'

#### E503098-02

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2511072
Benzene	ND	0.0250	1	03/14/25	03/15/25	
Ethylbenzene	ND	0.0250	1	03/14/25	03/15/25	
Toluene	ND	0.0250	1	03/14/25	03/15/25	
o-Xylene	ND	0.0250	1	03/14/25	03/15/25	
p,m-Xylene	ND	0.0500	1	03/14/25	03/15/25	
Total Xylenes	ND	0.0250	1	03/14/25	03/15/25	
Surrogate: 4-Bromochlorobenzene-PID		73.8 %	70-130	03/14/25	03/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2511072
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/14/25	03/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.4 %	70-130	03/14/25	03/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2511077
Diesel Range Organics (C10-C28)	632	25.0	1	03/14/25	03/15/25	
Oil Range Organics (C28-C36)	431	50.0	1	03/14/25	03/15/25	
Surrogate: n-Nonane		96.4 %	61-141	03/14/25	03/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: AK		Batch: 2511071
Chloride	3420	40.0	2	03/14/25	03/14/25	



Devon Energy - Carlsbad	Project Name:	Alley Cat 17 CTB 3	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/18/2025 11:15:37AM

#### FS05-1'

E503	098	-03
------	-----	-----

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2511072
Benzene	ND	0.0250	1	03/14/25	03/15/25	
Ethylbenzene	ND	0.0250	1	03/14/25	03/15/25	
Toluene	ND	0.0250	1	03/14/25	03/15/25	
o-Xylene	ND	0.0250	1	03/14/25	03/15/25	
o,m-Xylene	ND	0.0500	1	03/14/25	03/15/25	
Total Xylenes	ND	0.0250	1	03/14/25	03/15/25	
Surrogate: 4-Bromochlorobenzene-PID		77.4 %	70-130	03/14/25	03/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2511072
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/14/25	03/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.7 %	70-130	03/14/25	03/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2511077
Diesel Range Organics (C10-C28)	ND	25.0	1	03/14/25	03/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/14/25	03/15/25	
Surrogate: n-Nonane		97.1 %	61-141	03/14/25	03/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: AK		Batch: 2511071



Devon Energy - Carlsbad Alley Cat 17 CTB 3 Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Ashley Giovengo 3/18/2025 11:15:37AM **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 (2511072-BLK1) Prepared: 03/14/25 Analyzed: 03/14/25 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 6.39 8.00 79.9 70-130 LCS (2511072-BS1) Prepared: 03/14/25 Analyzed: 03/14/25 4.76 5.00 95.1 70-130 Benzene 0.0250 Ethylbenzene 4.53 0.0250 5.00 90.6 70-130 4.67 0.0250 5.00 93.4 70-130 Toluene o-Xylene 4.53 0.0250 5.00 90.6 70-130 9.20 10.0 92.0 70-130 0.0500 p.m-Xvlene 91.5 70-130 13.7 15.0 Total Xylenes 0.0250 8.00 79.8 70-130 Surrogate: 4-Bromochlorobenzene-PID 6.38 Matrix Spike (2511072-MS1) Source: E503097-03 Prepared: 03/14/25 Analyzed: 03/15/25 5.08 0.0250 5.00 ND 54-133 Benzene ND 61-133 Ethylbenzene 4.84 0.0250 5.00 96.8 Toluene 4.99 0.0250 5.00 ND 99.8 61-130 4.81 ND 96.2 63-131 5.00 0.0250 o-Xylene p,m-Xylene 9.81 0.0500 10.0 ND 98.1 63-131 0.0250 15.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 6.31 8.00 Matrix Spike Dup (2511072-MSD1) Source: E503097-03 Prepared: 03/14/25 Analyzed: 03/15/25 5.37 0.0250 5.00 ND 54-133 5.53 20 ND 61-133 5.35 5.10 0.0250 5.00 102 20 Ethylbenzene

61-130

63-131

63-131

63-131

70-130

5 52

5.18

5.19

5.19

20

20

20

20



5 27

5.07

10.3

15.4

6.30

0.0250

0.0250

0.0500

0.0250

5.00

5.00

10.0

15.0

8.00

ND

ND

ND

ND

105

101

103

103

78.8

Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Devon Energy - Carlsbad	Project Name:	Alley Cat 17 CTB 3 01058-0007	Reported:
6488 7 Rivers Hwy Artesia NM, 88210	Project Number: Project Manager:	Ashley Giovengo	3/18/2025 11:15:37AM

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go			3/18	/2025 11:15:37AM
		Analyst: SL							
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2511072-BLK1)							Prepared: 0	3/14/25 Analy	zed: 03/14/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.74		8.00		96.8	70-130			
LCS (2511072-BS2)							Prepared: 0	3/14/25 Analy	zed: 03/14/25
Gasoline Range Organics (C6-C10)	38.9	20.0	50.0		77.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.72		8.00		96.5	70-130			
Matrix Spike (2511072-MS2)				Source:	E503097-	03	Prepared: 0	3/14/25 Analy	zed: 03/15/25
Gasoline Range Organics (C6-C10)	41.2	20.0	50.0	ND	82.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.86		8.00		98.3	70-130			
Matrix Spike Dup (2511072-MSD2)				Source:	E503097-	03	Prepared: 0	3/14/25 Analy	zed: 03/15/25
Gasoline Range Organics (C6-C10)	40.3	20.0	50.0	ND	80.6	70-130	2.27	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.81		8.00		97.6	70-130			

Devon Energy - Carlsbad	Project Name:	Alley Cat 17 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	•
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/18/2025 11:15:37AM

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go			3	/18/2025 11:15:37Al
	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 (2511077-BLK1)							Prepared: 0	3/14/25 An	alyzed: 03/14/25
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	48.1		50.0		96.3	61-141			
LCS (2511077-BS1)							Prepared: 0	3/14/25 An	alyzed: 03/14/25
Diesel Range Organics (C10-C28)	221	25.0	250		88.6	66-144			
urrogate: n-Nonane	49.1		50.0		98.2	61-141			
Matrix Spike (2511077-MS1)				Source:	E503082-	03	Prepared: 0	3/14/25 An	alyzed: 03/14/25
Diesel Range Organics (C10-C28)	227	25.0	250	ND	90.8	56-156			
urrogate: n-Nonane	47.9		50.0		95.8	61-141			
Matrix Spike Dup (2511077-MSD1)				Source:	E503082-	03	Prepared: 0	3/14/25 An	alyzed: 03/14/25
Diesel Range Organics (C10-C28)	225	25.0	250	ND	89.9	56-156	1.06	20	
'urrogate: n-Nonane	47.8		50.0		95.5	61-141			

## **QC Summary Data**

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:	01	lley Cat 17 C7					Reported:
Artesia NM, 88210		Project Manager:	A	shley Gioveng	30				3/18/2025 11:15:37AM
		Anions l	by EPA 3	300.0/9056 <i>A</i>	A				Analyst: AK
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2511071-BLK1)							Prepared: 0	3/14/25 A	analyzed: 03/14/25
Chloride	ND	20.0							
LCS (2511071-BS1)							Prepared: 0	3/14/25 A	analyzed: 03/14/25
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2511071-MS1)				Source:	E503097-0	08	Prepared: 0	3/14/25 A	analyzed: 03/14/25
Chloride	748	20.0	250	501	98.9	80-120			
Matrix Spike Dup (2511071-MSD1)				Source:	E503097-0	08	Prepared: 0	3/14/25 A	analyzed: 03/14/25
Chloride	742	20.0	250	501	96.3	80-120	0.884	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:	Alley Cat 17 CTB 3	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	03/18/25 11:15

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	of

Received by OCD: 5/6/2025 3:31:16 PM

Client Information						Invoice Information			Lab Use Only							TAT				State		
Client: Devon					Co	Company: Devon Energy			Lab WO# Job Num							1D	2D	3D :	Std	NM	CO UT	TX
Project: Alley Cat 17 CTB 3				A	Address: 5315 Buena Vista Dr					18	01	058	-00	50			-	x	x			
Project N	Manager: As	hley Giov	engo		С	ity, State, Zip: Carlsbad NM	1, 88220															
Address: 3122 National Parks Hwy					Ph	Phone: (575)689-7597						An	alysis	and	Met	hod				EP	A Progra	ım
City, State, Zip: Carlsbad NM, 88220					Er	Email: jim.raley@dvn.com			TV T											SDWA	CWA	RCRA
Phone: 575-988-0055						Miscellaneous: Jim Raley			ag d				0.			য						
Email: agiovengo@ensolum.com										. L										Complianc	e Y	or N
										801	100									PWSID#		
				Sam	ple Informat	ion				o by	8021	3260	300	S	5-1	Jeta						
Time	La construction	10.000	No. of			C1-16		Lab	, Now	DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	487				Remarks		
Sampled	Date Sampled	Matrix	Containers			Sample ID	Fie	Lab Numb	nber	DRO B	BTE	700	응 응	BGD	TCEO	RCRA 8 Metals						
11:58	3/12/2025	S	1	F	501-	1		1			3/8-			х								
12:01	3/12/2025	-				13																
		S	1	F	502-		- 3	2						Х								
12:00	3/12/2025	S	1	F	501 - 502 - 505 -	1"		3						x								
												1										
										+		+										
-							-+		-		+	+	-									
							- 1															
Addition	nal Instructio	ns: Plea	ase CC: c	burton@e	nsolum.com	, agiovengo@ensolum.com	n, jim.raley	@dvn.	.com,	iestr	ella@	enso	lum.	com,	char	nilto	n@e	nsolu	ım.c	om,		
	to@ensolum																					
I, (field sam	pler), attest to the	e validity and	authenticit	y of this samp	le. I am aware th	at tampering with or intentionally mis	labeling the sa	mple loca	ation, da	ate or t	ime of	ollectio	n is co	nsider	ed frau	d and	may be	e groun	ds for	legal action.		
Sampled by	:_Oluwale Aderir	nto																				
The state of the s				Time   15 11	Received by: (Signature)	ales 2	25 Time 15		511			Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on										
Relinquis	ed by: (Signatu		Date		Time	Received by: (Signatura)	Data		Tie	me	11_	+		subse	quent d	avs		la	hills	e Only		
Michelle Gonzales 3-13251			1700	Indew M.	3	3.13.25				5 1700			Received on ice: (Y) / N									
Relinquist	ed by: (Signatu	re)	Date	127-	Time	Received by: (Signature)	Date		Tir	me	20											
Relinquish	ned by: (Signatu	re)	Date	.13.25	2300 Time	Received by: (Signature)	Date	14-2	) C	<b>24</b> 3	50	-		11			-	12	-		T3	
Menniquisi	neu by, (signature)		Juic			incceived by loighature)	Jaco							AVO	G Ten	np °C	L					
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other					er		Con	tainer 1	Type:	g - gla	ss, p	poly/	plast	AVG Temp °C 4								
Note: San	ples are discard	led 14 days	after resu	lts are repor	ted unless othe	r arrangements are made. Hazaro	dous samples	will be r	returne	ed to c	lient o	r dispo	sed o	f at th	e clier	nt exp	ense.	The re	port	for the analy	sis of the	above
samples is	applicable only	to those s	amples rec	eived by the	laboratory with	h this COC. The liability of the labo	oratory is lim	ited to the	he amo	ount p	aid for	on the	repo	rt.								



Printed: 3/14/2025 8:53:12AM

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

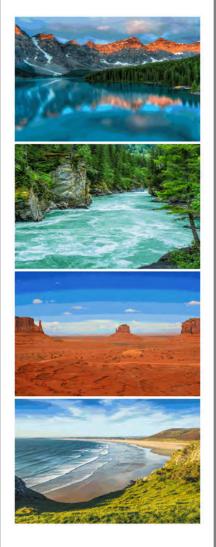
Instructions: Please take note of any NO checkmarks.

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:	03/14/25 (	04:30	Work Order II	D: E503098
Phone:	(505) 382-1211	Date Logged In:	03/13/25	16:41	Logged In By	: Noe Soto
Email:	agiovengo@ensolum.com	Due Date:	03/20/25	17:00 (4 day TAT)		
G1 1 0	15 . 1 (505)					
	Custody (COC)					
	he sample ID match the COC? he number of samples per sampling site location matc	sh the COC	Yes			
	amples dropped off by client or carrier?	in the COC	Yes	G : G	·	
	e COC complete, i.e., signatures, dates/times, request	ted analyses?	Yes Yes	Carrier: <u>Cou</u>	<u>irier</u>	
	ill samples received within holding time?	ied unaryses.	Yes			
	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssio				Comm	nents/Resolution
	Furn Around Time (TAT)  COC indicate standard TAT, or Expedited TAT?		Yes			
Sample (	<u>Cooler</u>					
7. Was a	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was th	e sample(s) received intact, i.e., not broken?		Yes			
10. Were	custody/security seals present?		No			
11. If yes	, were custody/security seals intact?		NA			
	ne sample received on ice? If yes, the recorded temp is 4°C, i Note: Thermal preservation is not required, if samples are minutes of sampling	received w/i 15	Yes			
	visible ice, record the temperature. Actual sample	temperature. 4	<u>C</u>			
	<u>Container</u> queous VOC samples present?		No			
	OC samples collected in VOA Vials?		No NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	a trip blank (TB) included for VOC analyses?		NA			
	on-VOC samples collected in the correct containers?		Yes			
	appropriate volume/weight or number of sample contain		Yes			
Field La	•					
	field sample labels filled out with the minimum infor	mation:				
	ample ID?		Yes			
	Date/Time Collected?		Yes	_		
	Collectors name?		Yes			
	Preservation the COC or field labels indicate the samples were pro	namuad?	No			
	ample(s) correctly preserved?	escived?	No NA			
	filteration required and/or requested for dissolved managed	etals?	No			
	ase Sample Matrix		110			
	the sample have more than one phase, i.e., multiphas	<u>a?</u>	No			
	, does the COC specify which phase(s) is to be analyst		NA			
		zoa.	INA			
	ract Laboratory	0	NT.			
	amples required to get sent to a subcontract laborator a subcontract laboratory specified by the client and if		No NA	Subcontract Lab: N	NA	
Client I	<u>nstruction</u>					

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: Alley Cat 17 CTB 3

Work Order: E503112

Job Number: 01058-0007

Received: 3/15/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 3/20/25

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: 3/20/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Alley Cat 17 CTB 3

Workorder: E503112

Date Received: 3/15/2025 4:00:46AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/15/2025 4:00:46AM, under the Project Name: Alley Cat 17 CTB 3.

The analytical test results summarized in this report with the Project Name: Alley Cat 17 CTB 3 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

Raina Schwanz

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#### **Sample Summary**

Devon Energy - Carlsbad	Project Name:	Alley Cat 17 CTB 3	Donoutoda
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	03/20/25 08:32

Client Sample ID	Lab Sample ID Matrix	Sampled Recei	ived Container
FS03-1'	E503112-01A Soil	03/13/25 03/15	5/25 Glass Jar, 2 oz.
FS08-0.5'	E503112-02A Soil	03/13/25 03/15	5/25 Glass Jar, 2 oz.
FS10-0.5'	E503112-03A Soil	03/13/25 03/15	5/25 Glass Jar, 2 oz.
FS11-0.5'	E503112-04A Soil	03/13/25 03/15	5/25 Glass Jar, 2 oz.
FS12-0.5'	E503112-05A Soil	03/13/25 03/15	5/25 Glass Jar. 2 oz.



Devon Energy - Carlsbad	Project Name:	Alley Cat 17 CTB 3	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/20/2025 8:32:43AM

#### FS03-1' E503112-01

		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: SL		Batch: 2511092
Benzene	ND	0.0250		1	03/15/25	03/15/25	
Ethylbenzene	0.0495	0.0250		1	03/15/25	03/15/25	
Toluene	ND	0.0250		1	03/15/25	03/15/25	
o-Xylene	0.0725	0.0250		1	03/15/25	03/15/25	
p,m-Xylene	0.159	0.0500		1	03/15/25	03/15/25	
Total Xylenes	0.231	0.0250		1	03/15/25	03/15/25	
Surrogate: Bromofluorobenzene		106 %	70-130		03/15/25	03/15/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		03/15/25	03/15/25	
Surrogate: Toluene-d8		108 %	70-130		03/15/25	03/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: SL		Batch: 2511092
Gasoline Range Organics (C6-C10)	21.0	20.0		1	03/15/25	03/15/25	
Surrogate: Bromofluorobenzene		106 %	70-130		03/15/25	03/15/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		03/15/25	03/15/25	
Surrogate: Toluene-d8		108 %	70-130		03/15/25	03/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KH		Batch: 2511086
Diesel Range Organics (C10-C28)	1730	25.0		1	03/15/25	03/15/25	
Oil Range Organics (C28-C36)	778	50.0		1	03/15/25	03/15/25	
Surrogate: n-Nonane		97.0 %	61-141		03/15/25	03/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2512014
					03/17/25	03/17/25	



Devon Energy - CarlsbadProject Name:Alley Cat 17 CTB 36488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo3/20/2025 8:32:43 AM

#### FS08-0.5' E503112-02

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	А	Analyst: SL		Batch: 2511092
Benzene	ND	0.0250	1	03/15/25	03/15/25	
Ethylbenzene	ND	0.0250	1	03/15/25	03/15/25	
Toluene	ND	0.0250	1	03/15/25	03/15/25	
o-Xylene	ND	0.0250	1	03/15/25	03/15/25	
p,m-Xylene	ND	0.0500	1	03/15/25	03/15/25	
Total Xylenes	ND	0.0250	1	03/15/25	03/15/25	
Surrogate: Bromofluorobenzene		106 %	70-130	03/15/25	03/15/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	03/15/25	03/15/25	
Surrogate: Toluene-d8		106 %	70-130	03/15/25	03/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	Analyst: SL		Batch: 2511092
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/15/25	03/15/25	
Surrogate: Bromofluorobenzene		106 %	70-130	03/15/25	03/15/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	03/15/25	03/15/25	
Surrogate: Toluene-d8		106 %	70-130	03/15/25	03/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: KH		Batch: 2511086
Diesel Range Organics (C10-C28)	ND	25.0	1	03/15/25	03/15/25	_
Oil Range Organics (C28-C36)	ND	50.0	1	03/15/25	03/15/25	
Surrogate: n-Nonane		93.9 %	61-141	03/15/25	03/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	А	Analyst: DT		Batch: 2512014
Chloride	1030	20.0	1	03/17/25	03/17/25	

Devon Energy - CarlsbadProject Name:Alley Cat 17 CTB 36488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo3/20/2025 8:32:43AM

#### FS10-0.5' E503112-03

		Reporting					
Analyte	Result	Limit	Dilut	tion Pre	epared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: SL			Batch: 2511092
Benzene	ND	0.0250	1	03/	15/25	03/15/25	
Ethylbenzene	ND	0.0250	1	03/	15/25	03/15/25	
Toluene	ND	0.0250	1	03/	15/25	03/15/25	
o-Xylene	ND	0.0250	1	03/	15/25	03/15/25	
p,m-Xylene	ND	0.0500	1	03/	15/25	03/15/25	
Total Xylenes	ND	0.0250	1	03/	15/25	03/15/25	
Surrogate: Bromofluorobenzene		106 %	70-130	03/	/15/25	03/15/25	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130	03/	/15/25	03/15/25	
Surrogate: Toluene-d8		105 %	70-130	03/	/15/25	03/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2511092	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/	15/25	03/15/25	
Surrogate: Bromofluorobenzene		106 %	70-130	03/	15/25	03/15/25	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130	03/	15/25	03/15/25	
Surrogate: Toluene-d8		105 %	70-130	03/	/15/25	03/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	I	Analyst: KH			Batch: 2511086
Diesel Range Organics (C10-C28)	172	25.0	1	03/	15/25	03/15/25	
Oil Range Organics (C28-C36)	176	50.0	1	03/	15/25	03/15/25	
Surrogate: n-Nonane		94.1 %	61-141	03/	/15/25	03/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	I	Analyst: DT			Batch: 2512014
Chloride	2730	40.0	2	03/	17/25	03/17/25	

Devon Energy - CarlsbadProject Name:Alley Cat 17 CTB 36488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo3/20/20258:32:43AM

#### FS11-0.5' E503112-04

		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: SL		Batch: 2511092
Benzene	ND	0.0250		1	03/15/25	03/15/25	
Ethylbenzene	ND	0.0250		1	03/15/25	03/15/25	
Toluene	ND	0.0250		1	03/15/25	03/15/25	
o-Xylene	ND	0.0250		1	03/15/25	03/15/25	
p,m-Xylene	ND	0.0500		1	03/15/25	03/15/25	
Total Xylenes	ND	0.0250		1	03/15/25	03/15/25	
Surrogate: Bromofluorobenzene		106 %	70-130		03/15/25	03/15/25	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130		03/15/25	03/15/25	
Surrogate: Toluene-d8		107 %	70-130		03/15/25	03/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: SL		Batch: 2511092
Gasoline Range Organics (C6-C10)	ND	20.0		1	03/15/25	03/15/25	
Surrogate: Bromofluorobenzene		106 %	70-130		03/15/25	03/15/25	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130		03/15/25	03/15/25	
Surrogate: Toluene-d8		107 %	70-130		03/15/25	03/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KH		Batch: 2511086
Diesel Range Organics (C10-C28)	1240	25.0		1	03/15/25	03/15/25	·
Oil Range Organics (C28-C36)	1130	50.0		1	03/15/25	03/15/25	
Surrogate: n-Nonane		96.3 %	61-141		03/15/25	03/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2512014
	2850	40.0		2	03/17/25	03/17/25	

Devon Energy - CarlsbadProject Name:Alley Cat 17 CTB 36488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo3/20/2025 8:32:43AM

#### FS12-0.5' E503112-05

Result	Reporting Limit		on Prepared	Analyzed	Notes
mg/kg	mg/kg	A	nalyst: SL	<u> </u>	Batch: 2511092
ND	0.0250	1	03/15/25	03/15/25	
ND	0.0250	1	03/15/25	03/15/25	
ND	0.0250	1	03/15/25	03/15/25	
ND	0.0250	1	03/15/25	03/15/25	
ND	0.0500	1	03/15/25	03/15/25	
ND	0.0250	1	03/15/25	03/15/25	
	106 %	70-130	03/15/25	03/15/25	
	102 %	70-130	03/15/25	03/15/25	
	106 %	70-130	03/15/25	03/15/25	
mg/kg	mg/kg	A	nalyst: SL		Batch: 2511092
ND	20.0	1	03/15/25	03/15/25	
	106 %	70-130	03/15/25	03/15/25	
	102 %	70-130	03/15/25	03/15/25	
	106 %	70-130	03/15/25	03/15/25	
mg/kg	mg/kg	Aı	nalyst: KH		Batch: 2511086
1030	25.0	1	03/15/25	03/15/25	
1170	50.0	1	03/15/25	03/15/25	
	97.9 %	61-141	03/15/25	03/15/25	
mg/kg	mg/kg	Aı	nalyst: DT		Batch: 2512014
	mg/kg ND ND ND ND ND ND ND ND ND 10 10 10 10 10 10 10 10 10 10 10 10 10	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           IO6 %         102 %           106 %         102 %           106 %         102 %           106 %         102 %           106 %         102 %           106 %         50.0           97.9 %         97.9 %	Result         Limit         Dilution           mg/kg         mg/kg         A           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           106%         70-130           102%         70-130           106%         70-130           mg/kg         mg/kg         A           102%         70-130           102%         70-130           106%         70-130           mg/kg         mg/kg         A           1030         25.0         1           1170         50.0         1	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         03/15/25           ND         0.0250         1         03/15/25           ND         0.0250         1         03/15/25           ND         0.0250         1         03/15/25           ND         0.0500         1         03/15/25           ND         0.0250         1         03/15/25           ND         0.0250         1         03/15/25           106 %         70-130         03/15/25           106 %         70-130         03/15/25           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         03/15/25           102 %         70-130         03/15/25           102 %         70-130         03/15/25           106 %         70-130         03/15/25           106 %         70-130         03/15/25           106 %         70-130         03/15/25           106 %         70-130         03/15/25           1030         25.0         1         03/15/25           1170	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         03/15/25         03/15/25           ND         0.0500         1         03/15/25         03/15/25           ND         0.0250         1         03/15/25         03/15/25           ND         0.0250         1         03/15/25         03/15/25           ND         0.0250         1         03/15/25         03/15/25           106 %         70-130         03/15/25         03/15/25           106 %         70-130         03/15/25         03/15/25           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         03/15/25         03/15/25           106 %         70-130         03/15/25         03/15/25           106 %         70-130         03/15/25         03/15/25           106 %

#### **QC Summary Data**

Devon Energy - Carlsbad Alley Cat 17 CTB 3 Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Ashley Giovengo 3/20/2025 8:32:43AM Volatile Organic Compounds by EPA 8260B Analyst: SL Spike Source RPD Reporting Rec Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % Notes Blank (2511092-BLK1) Prepared: 03/15/25 Analyzed: 03/15/25 ND 0.0250 ND Ethylbenzene 0.0250 ND Toluene 0.0250 ND 0.0250 o-Xylene ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: Bromofluorobenzene 0.512 0.500 102 70-130 Surrogate: 1,2-Dichloroethane-d4 0.478 0.500 95.6 70-130 0.500 105 70-130 Surrogate: Toluene-d8 0.525 LCS (2511092-BS1) Prepared: 03/15/25 Analyzed: 03/15/25 2.31 0.0250 2.50 92.3 70-130 Benzene 70-130 2.43 2.50 97.1 0.0250 Ethylbenzene 2.52 0.0250 2.50 101 70-130 2.40 2.50 96.2 70-130 0.0250 o-Xylene 5.05 5.00 101 70-130 p,m-Xylene 0.0500 7.45 0.0250 7.50 99.4 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.503 0.500 101 70-130 0.481 0.500 96.2 70-130 Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 0.500 107 70-130 0.536

Matrix Spike (2511092-MS1)				Source:	E503112-	01	Prepared: 03/15/25 Analyzed: 03/15/25
Benzene	2.37	0.0250	2.50	ND	94.6	48-131	
Ethylbenzene	2.51	0.0250	2.50	0.0495	98.3	45-135	
Toluene	2.57	0.0250	2.50	ND	103	48-130	
o-Xylene	2.54	0.0250	2.50	0.0725	98.6	43-135	
p,m-Xylene	5.29	0.0500	5.00	0.159	103	43-135	
Total Xylenes	7.83	0.0250	7.50	0.231	101	43-135	
Surrogate: Bromofluorobenzene	0.515		0.500		103	70-130	
Surrogate: 1,2-Dichloroethane-d4	0.488		0.500		97.6	70-130	
Surrogate: Toluene-d8	0.539		0.500		108	70-130	

Matrix Spike Dup (2511092-MSD1)					Source: E503112-01			3/15/25 Analyzed: 03/15/25
Benzene	2.44	0.0250	2.50	ND	97.6	48-131	3.14	23
Ethylbenzene	2.58	0.0250	2.50	0.0495	101	45-135	2.75	27
Toluene	2.67	0.0250	2.50	ND	107	48-130	3.89	24
o-Xylene	2.65	0.0250	2.50	0.0725	103	43-135	4.41	27
p,m-Xylene	5.56	0.0500	5.00	0.159	108	43-135	4.93	27
Total Xylenes	8.21	0.0250	7.50	0.231	106	43-135	4.76	27
Surrogate: Bromofluorobenzene	0.514		0.500		103	70-130		
Surrogate: 1,2-Dichloroethane-d4	0.504		0.500		101	70-130		
Surrogate: Toluene-d8	0.540		0.500		108	70-130		

Surrogate: Toluene-d8

Surrogate: 1,2-Dichloroethane-d4

#### **QC Summary Data**

Alley Cat 17 CTB 3 Devon Energy - Carlsbad Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Ashley Giovengo 3/20/2025 8:32:43AM

NI I I	A	L EDA	0015D	CDO
Nonhalogenated	Organics i	DV EPA	80151) -	CKO

0.502

0.544

70-130

70-130

100

109

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2511092-BLK1)							Prepared: 0	3/15/25 Analy	yzed: 03/15/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.512		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.478		0.500		95.6	70-130			
Surrogate: Toluene-d8	0.525		0.500		105	70-130			
LCS (2511092-BS2)							Prepared: 0	3/15/25 Analy	yzed: 03/15/25
Gasoline Range Organics (C6-C10)	55.5	20.0	50.0		111	70-130			
Surrogate: Bromofluorobenzene	0.520		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		97.0	70-130			
Surrogate: Toluene-d8	0.550		0.500		110	70-130			
Matrix Spike (2511092-MS2)				Source:	E503112-0	)1	Prepared: 0	3/15/25 Analy	yzed: 03/15/25
Gasoline Range Organics (C6-C10)	79.5	20.0	50.0	21.0	117	70-130			
Surrogate: Bromofluorobenzene	0.521		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.497		0.500		99.3	70-130			
Surrogate: Toluene-d8	0.549		0.500		110	70-130			
Matrix Spike Dup (2511092-MSD2)				Source:	E503112-0	)1	Prepared: 0	3/15/25 Analy	yzed: 03/15/25
Gasoline Range Organics (C6-C10)	79.7	20.0	50.0	21.0	117	70-130	0.153	20	
Surrogate: Bromofluorobenzene	0.524		0.500		105	70-130			

0.500

0.500

# **QC Summary Data**

Devon Energy - Carlsbad	Project Name:	Alley Cat 17 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/20/2025 8:32:43AM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go				3/20/2025 8:32:43AI
	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 (2511086-BLK1)							Prepared: 0	3/15/25 Aı	nalyzed: 03/15/25
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.0		50.0		98.1	61-141			
LCS (2511086-BS1)							Prepared: 0	3/15/25 Aı	nalyzed: 03/15/25
Diesel Range Organics (C10-C28)	223	25.0	250		89.1	66-144			
Surrogate: n-Nonane	48.8		50.0		97.6	61-141			
Matrix Spike (2511086-MS1)				Source:	E503109-	03	Prepared: 0	3/15/25 Aı	nalyzed: 03/15/25
Diesel Range Organics (C10-C28)	244	25.0	250	ND	97.6	56-156			
Surrogate: n-Nonane	51.5		50.0		103	61-141			
Matrix Spike Dup (2511086-MSD1)				Source:	E503109-	03	Prepared: 0	3/15/25 Aı	nalyzed: 03/15/25
Diesel Range Organics (C10-C28)	249	25.0	250	ND	99.6	56-156	2.00	20	
Surrogate: n-Nonane	53.3		50.0		107	61-141			

Chloride

Chloride

Matrix Spike Dup (2512014-MSD1)

#### **QC Summary Data**

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager	01	lley Cat 17 C 1058-0007 shley Giovens				3.	<b>Reported:</b> /20/2025 8:32:43AM
		Anions	by EPA 3	300.0/9056 <i>E</i>	4				Analyst: DT
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2512014-BLK1)							Prepared: 0	3/17/25 Ana	alyzed: 03/17/25
Chloride	ND	20.0							
LCS (2512014-BS1)							Prepared: 0	3/17/25 Ana	alyzed: 03/17/25
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2512014-MS1)				Source:	E503112-	05	Prepared: 0	3/17/25 Ana	alyzed: 03/17/25

250

250

20.0

20.0

167

167

98.5

101

Source: E503112-05

80-120

80-120

1.49

Prepared: 03/17/25 Analyzed: 03/17/25

20

413

419

#### 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:	Alley Cat 17 CTB 3	
١	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
1	Artesia NM, 88210	Project Manager:	Ashley Giovengo	03/20/25 08:32

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.

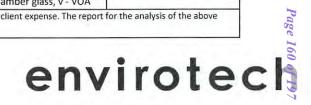
Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Page	of /

1	Client Information		Invoice Information		Lab Use Only							ñ		T	AT		State					
Client: D	Devon				Co	ompany: Devon Energy		L	ab W	/O#			Job	Num	ber		1D 2D 3D Sto			d NM CO UT TX		
Project:	Alley Cat 17	СТВ3			A	ddress: 5315 Buena Vista Dr			E5€	33	112		010	58-	000	7			x	×		
Project N	Nanager: As	hley Giov	engo		<u>C</u>	ity, State, Zip: Carlsbad NM, 882	20															
Address:	3122 Natio	nal Parks	Hwy		Ph	one: (575)689-7597							Ana	lysis	and	Met	hod			EPA I	Program	1
	e, Zip: Carls		88220		Er	mail: jim.raley@dvn.com												X 1		SDWA (	CWA	RCRA
Phone:	575-988-005	5			Mi	scellaneous: Jim Raley												0.17				
Email: a	giovengo@e	nsolum.c	om							115	15						- N			Compliance	Y	or N
							1			34 80	y 80	21	O	0.0	5	×	tals			PWSID#		
				Sam	ple Informati	on		1		RO	ROE	y 80.	826	e 30	Z	- 500	Z					
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID	Field	Lab Numb	ber	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals			Re	marks	
13:56	3/13/2025	S	1			FS03 - 1'		1							х							
12:51	3/13/2025	S	1			FS08 - 0.5'		2							x							
12:58	3/13/2025	S	1			FS10 - 0.5'		3							х							
12:54	3/13/2025	S	1			FS11 - 0.5'		4							х							
13:00	3/13/2025	S	1			FS12 - 0.5'	1	5							х							
							-													1		
							-															
							-															
							+											-	H	+		
Addition	nal Instruction	ns: Ple	ase CC: cl	ourton@	ensolum.com	, agiovengo@ensolum.com, jim	rale	y@dvn	.com,	, ies	trell	la@e	nsol	um.	com,	cha	milto	n@e	ensolum	com,		
	to@ensolum									_												
e day of the			d authenticity	y of this sam	ple. I am aware th	at tampering with or intentionally mislabelin	g the sa	ample loca	ation, d	date o	or time	e of co	llectio	n is co	nsider	ed frau	ud and	may b	e grounds f	or legal action.		
	:_Oluwale Aderii		In .		1-	T-2	To		1=	40.27	-				Icamai		tela a 46			out he confind on t	es the doub	houses
	ed by: (Signatu		Date	114/25	08:15	Vickelle Consider	2 Date	- 14-	15"	lme -	18	-								nust be received on it vg temp above 0 but		
Palinquich	sale A	rol 1	Date	1 1	Time	Posse and by: (Signature)	Date	111	T	ime		٥			subse	quent c	lavs		Lahl	Jse Only		
	ed by: (Signatu	60		14-25	1650		3	.14.2	25	1	20	0			Rec	eive	d on	ice:	0/	N Only		
Relinguish	ed by: (Signatu	re)	3.	14.25	7 213°	Received by: (Signature)	3	·15·2	5 8	O-	100	2			<u>T1</u>				<u>T2</u>	<u>T3</u>	·	-
Relinquish	ed by: (Signatu	re)	Date		Time	Received by: (Signature)									AVO	3 Ter	np °C	4				
	trix: <b>S</b> - Soil, <b>Sd</b> - S							ntainer							c, ag	- am	ber g	lass,	V - VOA			
						r arrangements are made. Hazardous sa											nt exp	ense.	The repor	t for the analysis	of the al	oove





envirotech Inc.

Printed: 3/17/2025 8:55:01AM

#### **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:	03/15/25	04:00	Work C	Order ID:	E503112
Phone:	(505) 382-1211	Date Logged In:	03/14/25	14:30	Logged	l In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	03/21/25	17:00 (4 day TAT)		·	
Chain of	Custody (COC)						
	e sample ID match the COC?		Yes				
	e number of samples per sampling site location ma	tch the COC	Yes				
	imples dropped off by client or carrier?		Yes	Carrier: Co	<u>urier</u>		
	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes				
5. Were al	l samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssi		Yes	_	<u> </u>	Comments	:/Resolution
Sample T	urn Around Time (TAT)			Γ			
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C	<u>ooler</u>						
	ample cooler received?		Yes				
8. If yes, v	was cooler received in good condition?		Yes				
9. Was the	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes,	were custody/security seals intact?		NA				
	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes C				
Sample C	•		_				
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers'	?	Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field Lab	el						
20. Were 1	— field sample labels filled out with the minimum info	ormation:					
Sa	imple ID?		Yes				
	ate/Time Collected?		Yes	L			
	ollectors name?		Yes				
	reservation		NT.				
	the COC or field labels indicate the samples were pr	reserveu?	No				
	mple(s) correctly preserved? filteration required and/or requested for dissolved n	actale?	NA Na				
	•	ictais:	No				
	se Sample Matrix	0					
	the sample have more than one phase, i.e., multipha		No				
27. If yes,	does the COC specify which phase(s) is to be analy	yzed?	NA				
Subcontr	act Laboratory						
	mples 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: 1	NA		
Client In	struction						

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: Alley Cat 17 CTB 3

Work Order: E503150

Job Number: 01058-0007

Received: 3/19/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 3/24/25

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: 3/24/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Alley Cat 17 CTB 3

Workorder: E503150

Date Received: 3/19/2025 4:00:29AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/19/2025 4:00:29AM, under the Project Name: Alley Cat 17 CTB 3.

The analytical test results summarized in this report with the Project Name: Alley Cat 17 CTB 3 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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Michelle Gonzales

Client Representative

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Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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#### Sample Summary

Devon Energy - Carlsbad	Project Name:	Alley Cat 17 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	Keporteu:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	03/24/25 15:31

Client Sample ID	Lab Sample ID Matrix	Sampled Re	ceived Container	
FS04-0.5'	E503150-01A Soil	03/17/25 03/	/19/25 Glass Jar, 2 oz	Z.
FS06-1'	E503150-02A Soil	03/17/25 03/	/19/25 Glass Jar, 2 oz	Z.
FS07-0.5'	E503150-03A Soil	03/17/25 03/	/19/25 Glass Jar, 2 oz	Z.
FS09-0.5'	E503150-04A Soil	03/17/25 03/	/19/25 Glass Jar, 2 oz	Z.
SW01- 0-1'	E503150-05A Soil	03/17/25 03/	/19/25 Glass Jar. 2 oz	Ζ.



Devon Energy - Carlsbad	Project Name:	Alley Cat 17 CTB 3	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/24/2025 3:31:25PM

#### FS04-0.5' E503150-01

	E303130-01				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	st: SL		Batch: 2512071
ND	0.0250	1	03/19/25	03/19/25	
ND	0.0250	1	03/19/25	03/19/25	
ND	0.0250	1	03/19/25	03/19/25	
ND	0.0250	1	03/19/25	03/19/25	
ND	0.0500	1	03/19/25	03/19/25	
ND	0.0250	1	03/19/25	03/19/25	
	83.9 %	70-130	03/19/25	03/19/25	
mg/kg	mg/kg	Analy	st: SL		Batch: 2512071
ND	20.0	1	03/19/25	03/19/25	
	93.8 %	70-130	03/19/25	03/19/25	
mg/kg	mg/kg	Analy	st: KH		Batch: 2512073
ND	25.0	1	03/19/25	03/19/25	
ND	50.0	1	03/19/25	03/19/25	
	93.7 %	61-141	03/19/25	03/19/25	
mg/kg	mg/kg	Analy	st: AK		Batch: 2512115
ND	20.0	1	03/19/25	03/20/25	
	mg/kg ND Mg/kg ND mg/kg	Result         Reporting           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           83.9 %         mg/kg           Mg/kg         mg/kg           ND         20.0           93.8 %         mg/kg           ND         25.0           ND         50.0           93.7 %         mg/kg           mg/kg         mg/kg	Reporting           Result         Limit         Dilution           mg/kg         mg/kg         Analy           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           83.9 %         70-130           mg/kg         mg/kg         Analy           ND         20.0         1           93.8 %         70-130           mg/kg         mg/kg         Analy           ND         25.0         1           ND         50.0         1           93.7 %         61-141         61-141           mg/kg         mg/kg         Analy	Reporting           Result         Limit         Dilution         Prepared           mg/kg         Analyst: SL           ND         0.0250         1         03/19/25           ND         0.0250         1         03/19/25           ND         0.0250         1         03/19/25           ND         0.0500         1         03/19/25           ND         0.0250         1         03/19/25           ND         0.0250         1         03/19/25           mg/kg         Mg/kg         Analyst: SL           ND         20.0         1         03/19/25           mg/kg         Mg/kg         Analyst: KH           ND         25.0         1         03/19/25           ND         50.0         1         03/19/25           ND         50.0         1         03/19/25           ND         50.0         1         03/19/25           mg/kg         Mg/kg         Analyst: KH	Reporting           Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         03/19/25         03/19/25           ND         0.0250         1         03/19/25         03/19/25           ND         0.0250         1         03/19/25         03/19/25           ND         0.0500         1         03/19/25         03/19/25           ND         0.0250         1         03/19/25         03/19/25           ND         0.0250         1         03/19/25         03/19/25           MD         0.0250         1         03/19/25         03/19/25           mg/kg         mg/kg         Analyst: SL         ND         03/19/25           MD         20.0         1         03/19/25         03/19/25           mg/kg         mg/kg         Analyst: KH         ND         25.0         1         03/19/25         03/19/25           ND         50.0         1         03/19/25         03/19/25         03/19/25           ND         50.0         1         03/19/25         03/19/25           ND

Anions by EPA 300.0/9056A

Chloride

#### Sample Data

Devon Energy - Carlsbad	Project Name:	Alley Cat 17 CTB 3	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/24/2025 3:31:25PM

#### FS06-1'

#### E503150-02 Reporting Analyte Result Limit Dilution Analyzed Notes Prepared Analyst: SL Batch: 2512071 mg/kg mg/kg Volatile Organics by EPA 8021B 03/19/25 03/19/25 ND 0.0250 Benzene 03/19/25 1 03/19/25 Ethylbenzene ND 0.0250ND 0.02501 03/19/25 03/19/25 Toluene 1 03/19/25 03/19/25 ND o-Xylene 0.02501 03/19/25 03/19/25 ND 0.0500 p,m-Xylene 03/19/25 03/19/25 1 Total Xylenes ND 0.025003/19/25 03/19/25 84.5 % 70-130 Surrogate: 4-Bromochlorobenzene-PID mg/kg Analyst: SL Batch: 2512071 Nonhalogenated Organics by EPA 8015D - GRO mg/kg 03/19/25 ND 20.0 1 03/19/25 Gasoline Range Organics (C6-C10) Surrogate: 1-Chloro-4-fluorobenzene-FID 93.7 % 03/19/25 03/19/25 70-130 mg/kg mg/kg Analyst: KH Batch: 2512073 Nonhalogenated Organics by EPA 8015D - DRO/ORO ND 25.0 03/19/25 03/19/25 Diesel Range Organics (C10-C28) 03/19/25 03/19/25 Oil Range Organics (C28-C36) ND 50.0 1 03/19/25 03/19/25 Surrogate: n-Nonane 95.1 % 61-141 Analyst: AK Batch: 2512115 mg/kg mg/kg

20.0

1

03/19/25

03/20/25

90.7



Devon Energy - Carlsbad	Project Name:	Alley Cat 17 CTB 3	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/24/2025 3:31:25PM

#### FS07-0.5' E503150-03

	E305130 05				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	yst: SL		Batch: 2512071
ND	0.0250	1	03/19/25	03/19/25	
ND	0.0250	1	03/19/25	03/19/25	
ND	0.0250	1	03/19/25	03/19/25	
ND	0.0250	1	03/19/25	03/19/25	
ND	0.0500	1	03/19/25	03/19/25	
ND	0.0250	1	03/19/25	03/19/25	
	83.5 %	70-130	03/19/25	03/19/25	
mg/kg	mg/kg	Analy	yst: SL		Batch: 2512071
ND	20.0	1	03/19/25	03/19/25	
	93.9 %	70-130	03/19/25	03/19/25	
mg/kg	mg/kg	Analy	yst: KH		Batch: 2512073
ND	25.0	1	03/19/25	03/19/25	
ND	50.0	1	03/19/25	03/19/25	
	94.2 %	61-141	03/19/25	03/19/25	
mg/kg	mg/kg	Analy	yst: AK		Batch: 2512115
60.4	20.0	1	03/19/25	03/20/25	
	mg/kg ND Mg/kg ND mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           83.5 %         mg/kg           mg/kg         mg/kg           ND         20.0           93.9 %         mg/kg           ND         25.0           ND         50.0           94.2 %         mg/kg           mg/kg         mg/kg	mg/kg         mg/kg         Analy           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           83.5 %         70-130           mg/kg         mg/kg         Analy           ND         20.0         1           93.9 %         70-130         1           mg/kg         mg/kg         Analy           ND         25.0         1           ND         50.0         1           94.2 %         61-141           mg/kg         mg/kg         Analy	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         03/19/25           ND         0.0250         1         03/19/25           ND         0.0250         1         03/19/25           ND         0.0250         1         03/19/25           ND         0.0500         1         03/19/25           ND         0.0250         1         03/19/25           mg/kg         mg/kg         Analyst: SL           MD         20.0         1         03/19/25           mg/kg         mg/kg         Analyst: KH           ND         25.0         1         03/19/25           ND         50.0         1         03/19/25           ND         50.0         1         03/19/25           ND         50.0         1         03/19/25           ND         50.0         1         03/19/25           mg/kg         Mg/kg         Analyst: KH	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         03/19/25         03/19/25           ND         0.0250         1         03/19/25         03/19/25           ND         0.0250         1         03/19/25         03/19/25           ND         0.0500         1         03/19/25         03/19/25           ND         0.0250         1         03/19/25         03/19/25           ND         0.0250         1         03/19/25         03/19/25           83.5 %         70-130         03/19/25         03/19/25           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         03/19/25         03/19/25           mg/kg         mg/kg         Analyst: KH           ND         25.0         1         03/19/25         03/19/25           ND         25.0         1         03/19/25         03/19/25           ND         50.0         1         03/19/25         03/19/25           ND         50.0         1         03/19/25         03/19/25           ND



Devon Energy - Carlsbad	Project Name:	Alley Cat 17 CTB 3	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/24/2025 3:31:25PM

#### FS09-0.5' E503150-04

Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	lyst: SL		Batch: 2512071
ND	0.0250	1	03/19/25	03/19/25	
ND	0.0250	1	03/19/25	03/19/25	
ND	0.0250	1	03/19/25	03/19/25	
ND	0.0250	1	03/19/25	03/19/25	
ND	0.0500	1	03/19/25	03/19/25	
ND	0.0250	1	03/19/25	03/19/25	
	83.6 %	70-130	03/19/25	03/19/25	
mg/kg	mg/kg	Anal	lyst: SL		Batch: 2512071
ND	20.0	1	03/19/25	03/19/25	
	93.2 %	70-130	03/19/25	03/19/25	
mg/kg	mg/kg	Anal	lyst: KH		Batch: 2512073
ND	25.0	1	03/19/25	03/19/25	
ND	50.0	1	03/19/25	03/19/25	
	98.4 %	61-141	03/19/25	03/19/25	
mg/kg	mg/kg	Anal	lyst: AK		Batch: 2512115
40.7	20.0	1	03/19/25	03/20/25	
	mg/kg ND Mg/kg ND mg/kg	mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           MD         20.0250           MD         20.0           93.2 %         mg/kg           MD         25.0           ND         50.0           98.4 %         mg/kg           mg/kg         mg/kg	Result         Limit         Dilution           mg/kg         mg/kg         Anai           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           83.6 %         70-130           mg/kg         mg/kg         Anai           ND         20.0         1           93.2 %         70-130           mg/kg         mg/kg         Anai           ND         25.0         1           ND         50.0         1           98.4 %         61-141           mg/kg         mg/kg         Anai	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         03/19/25           ND         0.0250         1         03/19/25           ND         0.0250         1         03/19/25           ND         0.0250         1         03/19/25           ND         0.0500         1         03/19/25           ND         0.0250         1         03/19/25           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         03/19/25           mg/kg         mg/kg         Analyst: KH           ND         25.0         1         03/19/25           ND         50.0         1         03/19/25           ND         50.0         1         03/19/25           ND         50.0         1         03/19/25           ND         50.0         1         03/19/25           mg/kg         Mg/kg         Analyst: KH	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         03/19/25         03/19/25           ND         0.0250         1         03/19/25         03/19/25           ND         0.0250         1         03/19/25         03/19/25           ND         0.0500         1         03/19/25         03/19/25           ND         0.0250         1         03/19/25         03/19/25           ND         0.0250         1         03/19/25         03/19/25           83.6 %         70-130         03/19/25         03/19/25           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         03/19/25         03/19/25           mg/kg         mg/kg         Analyst: KH           ND         25.0         1         03/19/25         03/19/25           ND         25.0         1         03/19/25         03/19/25           ND         50.0         1         03/19/25         03/19/25           ND         50.0         1         03/19/25         03/19/25           ND



Devon Energy - Carlsbad	Project Name:	Alley Cat 17 CTB 3	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/24/2025 3:31:25PM

#### SW01- 0-1' E503150-05

		E303130-03				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: SL		Batch: 2512071
Benzene	ND	0.0250	1	03/19/25	03/19/25	
Ethylbenzene	ND	0.0250	1	03/19/25	03/19/25	
Toluene	ND	0.0250	1	03/19/25	03/19/25	
o-Xylene	ND	0.0250	1	03/19/25	03/19/25	
p,m-Xylene	ND	0.0500	1	03/19/25	03/19/25	
Total Xylenes	ND	0.0250	1	03/19/25	03/19/25	
Surrogate: 4-Bromochlorobenzene-PID		85.0 %	70-130	03/19/25	03/19/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2512071
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/25	03/19/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.4 %	70-130	03/19/25	03/19/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	/st: KH		Batch: 2512073
Diesel Range Organics (C10-C28)	2150	25.0	1	03/19/25	03/19/25	
Oil Range Organics (C28-C36)	995	50.0	1	03/19/25	03/19/25	
Surrogate: n-Nonane		97.3 %	61-141	03/19/25	03/19/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: AK		Batch: 2512115
Chloride	1510	20.0	1	03/19/25	03/20/25	



Surrogate: 4-Bromochlorobenzene-PID

# **QC Summary Data**

Devon Energy - Carlsbad	Project Name:	Alley Cat 17 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	•
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/24/2025 3:31:25PM

Artesia NM, 88210		Project Manager:		shley Gioveng	o			3	3/24/2025 3:31:25PM
Volatile Organics by EPA 8021B  Analyst: SL									
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2512071-BLK1)						I	Prepared: 0	3/19/25 An	alyzed: 03/19/25
Benzene	ND	0.0250							
thylbenzene	ND	0.0250							
oluene	ND	0.0250							
-Xylene	ND	0.0250							
,m-Xylene	ND	0.0500							
otal Xylenes	ND	0.0250							
urrogate: 4-Bromochlorobenzene-PID	6.33		8.00		79.2	70-130			
LCS (2512071-BS1)						I	Prepared: 0	3/19/25 An	alyzed: 03/19/25
Benzene	5.39	0.0250	5.00		108	70-130			
thylbenzene	5.16	0.0250	5.00		103	70-130			
oluene	5.30	0.0250	5.00		106	70-130			
-Xylene	5.09	0.0250	5.00		102	70-130			
,m-Xylene	10.4	0.0500	10.0		104	70-130			
otal Xylenes	15.5	0.0250	15.0		104	70-130			
urrogate: 4-Bromochlorobenzene-PID	6.35		8.00		79.4	70-130			
LCS Dup (2512071-BSD1)						I	Prepared: 0	3/19/25 An	alyzed: 03/19/25
Benzene	4.89	0.0250	5.00		97.9	70-130	9.71	20	
thylbenzene	4.66	0.0250	5.00		93.3	70-130	10.0	20	
oluene	4.81	0.0250	5.00		96.1	70-130	9.83	20	
-Xylene	4.68	0.0250	5.00		93.5	70-130	8.38	20	
,m-Xylene	9.49	0.0500	10.0		94.9	70-130	9.65	20	
otal Xylenes	14.2	0.0250	15.0		94.4	70-130	9.23	20	

70-130



Gasoline Range Organics (C6-C10)

Surrogate: 1-Chloro-4-fluorobenzene-FID

#### **QC Summary Data**

Devon Energy - Carlsbad	Project Name:	Alley Cat 17 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	•
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/24/2025 3:31:25PM

	Non	halogenated	Organics l	by EPA 801	15D - Gl	RO			Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2512071-BLK1)						F	repared: 03	3/19/25 Ana	lyzed: 03/19/25
Blank (2512071-BLK1) Gasoline Range Organics (C6-C10)	ND	20.0				I	repared: 03	3/19/25 Ana	lyzed: 03/19/25
	ND 7.64	20.0	8.00		95.5	70-130	repared: 03	3/19/25 Ana	lyzed: 03/19/25
Gasoline Range Organics (C6-C10)		20.0	8.00		95.5	70-130			lyzed: 03/19/25
Gasoline Range Organics (C6-C10) Surrogate: 1-Chloro-4-fluorobenzene-FID		20.0	8.00		95.5 83.4	70-130			

8.00

70-130

70-130

20.0

7.75

# **QC Summary Data**

Devon Energy - Carlsbad	Project Name:	Alley Cat 17 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	•
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/24/2025 3:31:25PM

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go				3/24/2025 3:31:25PN
	Nonha	logenated Or	ganics by	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 (2512073-BLK1)							Prepared: 0	3/19/25 Ar	nalyzed: 03/19/25
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	45.3		50.0		90.7	61-141			
LCS (2512073-BS1)							Prepared: 0	3/19/25 Ar	nalyzed: 03/19/25
Diesel Range Organics (C10-C28)	221	25.0	250		88.2	66-144			
Surrogate: n-Nonane	44.9		50.0		89.9	61-141			
Matrix Spike (2512073-MS1)				Source:	E503150-0	04	Prepared: 0	3/19/25 Ar	nalyzed: 03/19/25
Diesel Range Organics (C10-C28)	218	25.0	250	ND	87.1	56-156			
Surrogate: n-Nonane	44.9		50.0		89.9	61-141			
Matrix Spike Dup (2512073-MSD1)				Source:	E503150-0	04	Prepared: 0	3/19/25 Ar	nalyzed: 03/19/25
Diesel Range Organics (C10-C28)	221	25.0	250	ND	88.3	56-156	1.36	20	
Surrogate: n-Nonane	45.1		50.0		90.2	61-141			

#### **QC Summary Data**

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:	(	Alley Cat 17 CTB 3 01058-0007 Ashley Giovengo					<b>Reported:</b> 3/24/2025 3:31:25PM
Anions by EPA 300.0/9056A									Analyst: AK
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	%	%	%	%	Notes
Blank (2512115-BLK1)							Prepared: 0	3/19/25	Analyzed: 03/20/25
Chloride	ND	20.0							
LCS (2512115-BS1)							Prepared: 0	3/19/25	Analyzed: 03/20/25
Chloride	256	20.0	250		103	90-110			
Matrix Spike (2512115-MS1)				Source:	E503151-0	)2	Prepared: 0	3/19/25	Analyzed: 03/20/25
Chloride	1830	20.0	250	1560	106	80-120			
Matrix Spike Dup (2512115-MSD1)				Source:	E503151-(	)2	Prepared: 0	3/19/25	Analyzed: 03/20/25
Chloride	1790	20.0	250	1560	91.6	80-120	1.97	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:	Alley Cat 17 CTB 3	
-	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
	Artesia NM, 88210	Project Manager:	Ashley Giovengo	03/24/25 15:31

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.



OH 2146	53	66
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#### **Chain of Custody**

Page	of
. 080	

	Clie	nt Inform	nation			Invoice Information Lab Use Or					ly							State					
Client: [	Devon				Co	mpany: Devon Energy			ab V				Job	Num	ber		1D	2D	3D 5	Std	NM	CO UT	TX
Project:	Alley Cat 17 (	CTB 3			A	ddress: 5315 Buena Vista Dr	9 =	(	E50	31	50		ÓC	58.1	200	7			>		x		
Project N	Manager: As	hley Giov	engo		Ci	ty, State, Zip: Carlsbad NM,	88220																
Address:	3122 Natio	nal Parks	Hwy		Ph	one: (575)689-7597			Г				Ana	lysis	and	Met	hod				EP	A Progra	am
City, Stat	te, Zip: Carls	bad NM,	88220		Er	nail: jim.raley@dvn.com															SDWA	CWA	RCRA
Phone:	575-988-005	5			Mis	cellaneous: Jim Raley																	
Email: a	giovengo@e	nsolum.c	om								Ŋ										Complianc	e Y	or N
										801	y 801	_		0.	5		S				PWSID#		
				Sam	ple Informati					o by	O by	802	8260	300	N.	1 - S	Meta			1			
Time Sampled	Date Sampled	Matrix	No. of Container	s		Sample ID	Field	Lat Num	b b	DRO/OR	DRO/ORO by 8015 GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals					Remarks	
10:19	3/17/2025	S	1			FS04 - 0.5'		1			J				x								
10:14	3/17/2025	S	1			FS06 - 1'		2							х								
10:17	3/17/2025	s	1		FS07 - 0.5'			3							х								
11:38	3/17/2025	s	1			FS09 - 0.5'		4							x								
11:45	3/17/2025	S	1			SW01 - 0 -1'		5							х								
				1																			
-				+			-			-													
Addition	nal Instructio	ns: Plea	ase CC:	cburton@e	nsolum.com	, agiovengo@ensolum.com,	iim.rale	v@dvn	.com	ı. ie	strel	la@e	enso	um.	om.	chai	milto	n@e	ensolu	m.c	om.		
	to@ensolum																						
						t tampering with or intentionally misla	beling the s	ample loc	ation,	date	or time	e of co	llectio	n is co	nsider	ed frau	ıd and	may b	e groun	ds for	legal action.		
Sampled by	: _Oluwale Aderir	nto					_																
	ed by: (Signatur)		Da	te 3/18/25	Time 08:15	pagaived by: (Signature)	les 3	-18.2	5	Time	30				sampl	ed or re	eceived				st be received of temp above 0		
Relinquish	ed by: (Signatu	re) a		te 1-18-25	Time 1645	Received/by: (Signature)	Date 3		25	Ите	170	00				eive		ice:		b Us	e Only		
late	ed by: (Signatu		3	te	7300	Received by: (Signature)	Date 3	19.2	5	Time	40	0			T1				<u>T2</u>			<u>T3</u>	
Relinquish	ed by: (Signatu	re)	Da		Time	Received by: (Signature)	Date			Time						Ten			1				
Sample Ma	trix: <b>S</b> - Soil, <b>Sd</b> - S	olid, <b>Sg</b> - Slu	dge, A - Ac	ueous, <b>0</b> - Oth	er		Co	ntainer	Type:	: g -	glass,	, p - I	ooly/	olasti					i - VO/	1			
						arrangements are made. Hazardo										e clier	nt exp	ense.	The re	port	for the analy	sis of the	above
samples is	applicable only	to those s	amples re	eceived by the	laboratory with	this COC. The liability of the labor	atory is lin	nited to t	the an	noun	t paid	ford	on the	repor	t.								

envirotech

envirotech Inc.

Printed: 3/19/2025 7:41:52AM

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	03/19/25	04:00		Work Order ID:	E503150
Phone:	(505) 382-1211	Date Logged In:	03/18/25	15:42		Logged In By:	Noe Soto
Email:	agiovengo@ensolum.com	Due Date:	03/25/25	17:00 (4 day TAT)			
Chain of	Custody (COC)						
1. Does tl	ne sample ID match the COC?		Yes				
2. Does tl	ne number of samples per sampling site location ma	tch the COC	Yes				
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: <u>C</u>	Courier_		
4. Was th	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes				
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssi		Yes			Comment	s/Resolution
Sample T	Turn Around Time (TAT)						
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes				
Sample (							
7. Was a	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was th	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes	, were custody/security seals intact?		NA				
	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes				
		temperature. 4	<u>c</u>				
	Container queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers'	2	Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field Lal	** *	iers conceteu:	103				
	field sample labels filled out with the minimum info	ormation:					
	ample ID?	ination.	Yes				
	ate/Time Collected?		Yes				
C	ollectors name?		Yes				
Sample I	<u>Preservation</u>						
	the COC or field labels indicate the samples were pr	reserved?	No				
	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved n	netals?	No				
	se Sample Matrix						
26. Does	the sample have more than one phase, i.e., multipha	se?	No				
27. If yes	, does the COC specify which phase(s) is to be analy	zed?	NA				
Subcontr	act Laboratory						
28. Are sa	amples required to get sent to a subcontract laborato	ry?	No				
	subcontract laboratory specified by the client and it	•	NA	Subcontract Lab	: NA		
Client I	nstruction_						
	<del></del>						
							1

Date

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



# **APPENDIX E**

NMOCD Correspondence

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 439656

#### **QUESTIONS**

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	439656
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

#### QUESTIONS

Prerequisites								
Incident ID (n#)	nAPP2435154758							
Incident Name	NAPP2435154758 ALLEY CAT 17 CTB 3 @ 0							
Incident Type	Oil Release							
Incident Status	Initial C-141 Approved							
Incident Facility	[fAPP2123635487] ALLEY CAT 17 CTB 3							

Location of Release Source	
Site Name	ALLEY CAT 17 CTB 3
Date Release Discovered	12/15/2024
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	2,306
What is the estimated number of samples that will be gathered	14
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/10/2025
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Please Contact Oluwale Aderinto @ 505-617-1363
Please provide any information necessary for navigation to sampling site	32.308948, -103.695675

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

CONDITIONS

Action 439656

#### **CONDITIONS**

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	439656
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

#### CONDITIONS

Created By	Condition	Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	3/6/2025

General Information Phone: (505) 629-6116

Online Phone Directory <a href="https://www.emnrd.nm.gov/ocd/contact-us">https://www.emnrd.nm.gov/ocd/contact-us</a>

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

QUESTIONS

Action 439665

### **QUESTIONS**

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	439665
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites	
Incident ID (n#)	nAPP2435154758
Incident Name	NAPP2435154758 ALLEY CAT 17 CTB 3 @ 0
Incident Type	Oil Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2123635487] ALLEY CAT 17 CTB 3

Location of Release Source	
Site Name	ALLEY CAT 17 CTB 3
Date Release Discovered	12/15/2024
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	2,306
What is the estimated number of samples that will be gathered	14
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/11/2025
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Please Contact Oluwale Aderinto @ 505-617-1363
Please provide any information necessary for navigation to sampling site	32.308948, -103.695675

General Information Phone: (505) 629-6116

Online Phone Directory <a href="https://www.emnrd.nm.gov/ocd/contact-us">https://www.emnrd.nm.gov/ocd/contact-us</a>

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

CONDITIONS

Action 439665

### **CONDITIONS**

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	439665
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Created By	Condition	Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	3/6/2025

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 439668

### **QUESTIONS**

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	439668
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites	
Incident ID (n#)	nAPP2435154758
Incident Name	NAPP2435154758 ALLEY CAT 17 CTB 3 @ 0
Incident Type	Oil Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2123635487] ALLEY CAT 17 CTB 3

Location of Release Source	
Site Name	ALLEY CAT 17 CTB 3
Date Release Discovered	12/15/2024
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	2,306
What is the estimated number of samples that will be gathered	14
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/12/2025
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Please Contact Oluwale Aderinto @ 505-617-1363
Please provide any information necessary for navigation to sampling site	32.308948, -103.695675

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

CONDITIONS

Action 439668

### **CONDITIONS**

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	439668
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Creat By	d Condition	Condition Date
jrale	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	3/6/2025

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 439674

### **QUESTIONS**

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	439674
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites	
Incident ID (n#)	nAPP2435154758
Incident Name	NAPP2435154758 ALLEY CAT 17 CTB 3 @ 0
Incident Type	Oil Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2123635487] ALLEY CAT 17 CTB 3

Location of Release Source	
Site Name	ALLEY CAT 17 CTB 3
Date Release Discovered	12/15/2024
Surface Owner	Federal

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	2,306	
What is the estimated number of samples that will be gathered	14	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/13/2025	
Time sampling will commence	09:00 AM	
Please provide any information necessary for observers to contact samplers	Please Contact Oluwale Aderinto @ 505-617-1363	
Please provide any information necessary for navigation to sampling site	32.308948, -103.695675	

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

CONDITIONS

Action 439674

### **CONDITIONS**

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	439674
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Created By	Condition	Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	3/6/2025

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 441435

### **QUESTIONS**

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	441435
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites	
Incident ID (n#)	nAPP2435154758
Incident Name	NAPP2435154758 ALLEY CAT 17 CTB 3 @ 0
Incident Type	Oil Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2123635487] ALLEY CAT 17 CTB 3

Location of Release Source	
Site Name	ALLEY CAT 17 CTB 3
Date Release Discovered	12/15/2024
Surface Owner	Federal

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	2,306	
What is the estimated number of samples that will be gathered	15	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/14/2025	
Time sampling will commence	09:00 AM	
Please provide any information necessary for observers to contact samplers	Please contact Oluwale Aderinto @ 505-617-1363	
Please provide any information necessary for navigation to sampling site	32.308948, -103.695675	

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

CONDITIONS

Action 441435

### **CONDITIONS**

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	441435
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Creat By	d Condition	Condition Date
jrale	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	3/11/2025

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 442216

### **QUESTIONS**

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	442216
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites	
Incident ID (n#)	nAPP2435154758
Incident Name	NAPP2435154758 ALLEY CAT 17 CTB 3 @ 0
Incident Type	Oil Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2123635487] ALLEY CAT 17 CTB 3

Location of Release Source	
Site Name	ALLEY CAT 17 CTB 3
Date Release Discovered	12/15/2024
Surface Owner	Federal

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	2,306	
What is the estimated number of samples that will be gathered	15	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/17/2025	
Time sampling will commence	09:00 AM	
Please provide any information necessary for observers to contact samplers	Please contract Oluwale Aderinto @ 505-617-1363	
Please provide any information necessary for navigation to sampling site	32.308948, -103.695675	

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

CONDITIONS

Action 442216

### **CONDITIONS**

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	442216
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Create By		Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	3/13/2025

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 459419

### QUESTIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	459419
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

Prerequisites	
Incident ID (n#)	nAPP2435154758
Incident Name	NAPP2435154758 ALLEY CAT 17 CTB 3 @ 0
Incident Type	Oil Release
Incident Status	Deferral Request Received
Incident Facility	[fAPP2123635487] ALLEY CAT 17 CTB 3

Location of Release Source	
Please answer all the questions in this group.	
Site Name	ALLEY CAT 17 CTB 3
Date Release Discovered	12/15/2024
Surface Owner	Federal

Incident Details	
Please answer all the questions in this group.	
Incident Type	Oil 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	or the volumes provided should be attached to the follow-up C-141 submission.
Crude Oil Released (bbls) Details	Cause: Equipment Failure   Flow Line - Production   Crude Oil   Released: 7 BBL   Recovered: 2 BBL   Lost: 5 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	No
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)	Hole developed on dump of seperator, allowing fluids to impact pad surface.

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS, Page 2

Action 459419

QUESTIONS (continued	)
	т

Operator: DEVON ENERGY PRODUCTION COMPANY, LP	OGRID: 6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	459419
	Action Type:  [C-141] Deferral Request C-141 (C-141-v-Deferral)
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	sofety beyond that yould result in injury
The responsible party must undertake the following actions immediately unless they could create a significant 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 of ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releating 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 asses which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
Lharaby agree and sign off to the above statement	Name: James Raley Title: EHS Professional

Email: jim.raley@dvn.com Date: 05/06/2025

I hereby agree and sign off to the above statement

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS, Page 3

Action 459419

**QUESTIONS** (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	459419
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

### 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 51 and 75 (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 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the	e 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 a	ssociated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in million	grams per kilograms.)
Chloride (EPA 300.0 or SM4500 Cl B)	8410
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	41900
GRO+DRO (EPA SW-846 Method 8015M)	30000
BTEX (EPA SW-846 Method 8021B or 8260B)	230
Benzene (EPA SW-846 Method 8021B or 8260B)	2
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed e which includes the anticipated timelines for beginning and completing the remediation.	fforts 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	03/10/2025
On what date will (or did) the final sampling or liner inspection occur	03/17/2025
On what date will (or was) the remediation complete(d)	03/17/2025
What is the estimated surface area (in square feet) that will be reclaimed	800
What is the estimated volume (in cubic yards) that will be reclaimed	18
What is the estimated surface area (in square feet) that will be remediated	2306
What is the estimated volume (in cubic yards) that will be remediated	100
These estimated dates and measurements are recognized to be the best guess or calculation at the to	me of submission and may (be) change(d) over time as more remediation efforts are completed.

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

General Information Phone: (505) 629-6116

Online Phone Directory <a href="https://www.emnrd.nm.gov/ocd/contact-us">https://www.emnrd.nm.gov/ocd/contact-us</a>

### 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 459419

**QUESTIONS** (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	459419
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

#### QUESTIONS

Remediation Plan (continued)		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
This remediation will (or is expected to) utilize the following processes to remediate	/ reduce contaminants:	
(Select all answers below that apply.)		
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes	
Which OCD approved facility will be used for off-site disposal	HALFWAY DISPOSAL AND LANDFILL [fEEM0112334510]	
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.	
2-0-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-		

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.

Name: James Raley
Title: EHS Professional
Email: jim.raley@dvn.com
Date: 05/06/2025

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

DEVON ENERGY PRODUCTION COMPANY, LP

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

General Information Phone: (505) 629-6116

Operator:

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS, Page 5

Action 459419

**QUESTIONS** (continued)

OGRID:

6137

333 West Sheridan Ave. Oklahoma City, OK 73102	Action Number: 459419
Ordinal Gry, Gr. 70102	Action Type:  [C-141] Deferral Request C-141 (C-141-v-Deferral)
QUESTIONS	[ [ [ [ ] ] ] ] ]
Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of	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	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Is the remaining contamination in areas immediately under or around production equipment where remediation could cause a major facility deconstruction	Yes
Please list or describe the production equipment and how (re)moving the equipment would cause major facility deconstruction	Seperators and pipelines
What is the remaining surface area (in square feet) that will still need to be remediated if a deferral is granted	988
What is the remaining volume (in cubic yards) that will still need to be remediated if a deferral is granted	220
	liately under or around production equipment such as production tanks, wellheads and pipelines where n may be deferred with division written approval until the equipment is removed during other operations, or when
Enter the facility ID (f#) on which this deferral should be granted	ALLEY CAT 17 CTB 3 [fAPP2123635487]
Enter the well API (30-) on which this deferral should be granted	Not answered.
Contamination does not cause an imminent risk to human health, the environment, or groundwater	True
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed e which includes the anticipated timelines for beginning and completing the remediation.	fforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC
to report and/or file certain release notifications and perform corrective actions for rele the OCD does not relieve the operator of liability should their operations have failed to	knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface rt 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: 05/06/2025

General Information Phone: (505) 629-6116

Online Phone Directory <a href="https://www.emnrd.nm.gov/ocd/contact-us">https://www.emnrd.nm.gov/ocd/contact-us</a>

# 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 459419

**QUESTIONS** (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	459419
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

Sampling Event Information	
Last sampling notification (C-141N) recorded	442216
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/17/2025
What was the (estimated) number of samples that were to be gathered	15
What was the sampling surface area in square feet	2306

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	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

CONDITIONS

Action 459419

### **CONDITIONS**

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	459419
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

Create	ed By		Condition Date
scot	tt.rodgers	Deferral approved. Deferral of FS3, FS11, FS12 and SW01 is approved until plugging and abandonment or a major facility deconstruction, whichever comes first. A complete and accurate remediation report and/or reclamation report will need to be submitted at that time	5/13/2025