



DEFERRAL REQUEST REPORT

Prepared For:

*Devon Energy Production Company, LP
5315 Buena Vista Dr.
Carlsbad, NM 88220*

Site Information:

Flagler 8 CTB 1

Incident Number nAPP2500825819

Unit M, Section 8, Township 25, South, Range 33 East

Lea County, New Mexico

(32.139969°, -103.601023°)

Carlsbad • Houston • Midland • San Antonio • Lubbock • Hobbs • Lafayette

SYNOPSIS

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Devon Energy Production Company, LP (Devon), presents the following Deferral Request Report (DRR) detailing corrective actions and subsequent soil sampling events associated with an inadvertent release of produced water at the Flagler 8 CTB 1 (Site). Based on completed remedial actions and laboratory analytical results from recent soil sampling events, Devon is requesting No Further Remedial Action (NFRA) until the Site undergoes major deconstruction or plugging and abandonment (P&A), whichever comes first.

SITE LOCATION AND RELEASE BACKGROUND

The production pad facility (fAPP2122855254) for the Site is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM), located (32.1387°, -103.5941°). The subject release is located approximately 0.42 miles northwest of the production facility (32.139969°, -103.601023°), as provided on a Corrective Action Form C-141 (Form C-141) submission Identification Number (424149). The location is depicted on **Figure 1** in **Appendix A**.

On January 7, 2025, it was discovered that a pinhole leak from a water line caused the release of approximately 8 barrels (bbls) of produced water onto the production pad surface. No fluids were recovered. Devon reported the release to the New Mexico Oil Conservation Division (NMOCD) on a Form C-141, which was received by the NMOCD on January 8, 2025, and was subsequently assigned Incident Number nAPP2500825819. The observed extent of the release was mapped with a handheld Global Positioning System (GPS) unit, hereafter referred to as the Area of Concern (AOC), which is depicted on **Figure 2** in **Appendix A**.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

Etech characterized the Site according to Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29, Section 12 (19.15.29.12) of the New Mexico Administrative Code (NMAC) considering depth to ground water and the proximity to:

- Any continuously flowing watercourse or any other significant watercourse;
- Any lakebed, sinkhole or playa lake (measured from the ordinary high-water mark);
- An occupied permanent residence, school, hospital, institution or church;
- A spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes;
- Any freshwater well or spring;
- Incorporated municipal boundaries or a defined municipal fresh water well field covered under a municipal ordinance;
- A wetland;
- A subsurface mine;
- An unstable area (i.e. high karst potential); and
- A 100-year floodplain.

Depth to groundwater at the Site is estimated to be between 51 and 100 feet below ground surface (bgs) based off a nearby soil boring advanced by Atkins Engineering Associates, Inc., located approximately a ½-mile east to southeast of the Site. Soil boring (C-04627-POD1) was advanced on June 7, 2022, via a truck mounted drill rig equipped with a hollow stem auger to total depth of 55 feet bgs. No fluids were observed throughout the drilling process nor after a 72-hour observation period. Following the observation period, the boring was plugged and abandoned according to the appropriate regulations. The referenced well record is provided in **Appendix B**.

All potential receptors are not within the established buffers in NMAC 19.15.29.12. Receptor details and sources used to determine the site characterization are included in **Figure 1A**, **Figure 1B**, and **Figure 1C** in **Appendix A**.

Based on the results from the desktop review and estimated depth to groundwater at the Site, the following Closure Criteria was applied:

Constituents of Concern (COCs)	Laboratory Analytical Method	Closure Criteria [†]
Chloride	Environmental Protection Agency (EPA) 300.0	10,000 milligram per kilogram (mg/kg)
Total Petroleum Hydrocarbon (TPH)	EPA 8015 M/D	2,500 mg/kg
TPH-Gasoline Range Organics (GRO) + TPH-Diesel Range Organics (DRO)	EPA 8015 M/D	1,000 mg/kg
Benzene	EPA 8021B/8260B	10 mg/kg
Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	EPA 8021B/8260B	50 mg/kg

[†]The reclamation concentration requirements of 600 mg/kg chloride and 100 mg/kg TPH apply to the top 4 feet of areas to be immediately reclaimed following remediation pursuant to NMAC 19.15.17.13.

Receptor details and sources used to determine the site characterization are included in **Figure 1A**, **Figure 1B**, and in **Figure 1C** in **Appendix A**. The referenced well record used for determining estimated groundwater depth at the Site is included in **Appendix B**.

DELINEATION SOIL SAMPLING ACTIVITIES

From January 15, 2025, to February 24, 2025, Etech conducted delineation activities to assess the presence or absence of residual soil impacts associated with the AOC. Fourteen delineation potholes (PH01 through PH14) were advanced, driven by field screening soil for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride using Hach® chloride QuanTab® test strips, in accordance with Site Closure Criteria. A minimum of two soil samples were collected from each delineation soil sampling location, representing the highest observed field screening concentrations and the greatest depth. Field screening results and soil descriptions are included on soil sampling logs shown in **Appendix C**. The delineation soil sample locations are shown in **Figure 2** in **Appendix A**. Photographic documentation of delineation activities is included in **Appendix D**.

Delineation soil samples were placed directly into lab provided pre-cleaned glass jars, packaged with minimal void space, labeled, and immediately placed on ice. The soil samples were transported under strict chain-of-custody procedures, to Envirotech, Inc. Laboratories (Envirotech) in Farmington, New Mexico, for analysis of COCs.

DELINEATION LABORATORY ANALYTICAL RESULTS

Laboratory analytical results indicated concentrations of the COCs for all delineation soil samples were below the applicable Site Closure Criteria, except chloride concentrations for soil samples collected from PH01 through PH06 up to 1-foot bgs. Chloride exceedances with respect to the Site Closure Criteria were characterized by concentrations ranging from 11,500 mg/kg to 19,500 mg/kg.

Laboratory analytical results are summarized in Table 1 in **Appendix E**. The executed chain-of-custody form and laboratory reports are provided in **Appendix F**.

CONFIRMATION SOIL SAMPLING ACTIVITIES

From February 24, 2025, to February 27, 2025, Etech oversaw the excavation of residual impacts identified by laboratory analytical results of delineation soil samples previously advanced within the AOC to the Maximum Extent Practical (MEP). The excavation was advanced via mechanical equipment and/or hand shovel and driven by field screening for VOCs and chloride with respect to Site Closure Criteria. The MEP was limited by the presence of active surface production equipment, surface and/or subsurface utilities. Approximately 77 cubic yards (CY) of residually impacted soil was excavated, removed from the Site, and hauled to an approved landfill for disposal under Devon approved waste manifests.

Following removal of residual soil impacts, Etech collected 5-point composite confirmation soil samples at a sampling frequency representing no more than 200 square feet per soil composite soil sample (FS01 through FS10 and SW01 through SW06). The 5-point confirmation soil samples were comprised of five equivalent aliquots homogenized in a 1-gallon, resealable plastic bag. Confirmation soil samples were field screened, handled, and analyzed as previously described. The locations of the confirmation soil samples are shown in **Figure 3** in **Appendix A**. Photographic documentation during soil sampling activities is included in **Appendix D**.

Concurrently with excavation activities, Etech assessed the concentrations of COCs of the backfill material. Four 5-point composite soil samples of the backfill material (STKP01 through STKP04) were collected, handled, and analyzed by Envirotech as previously described. Upon receipt of laboratory analytical results of confirmation soil samples and backfill material soil samples, the excavation was backfilled with approximately 77 CY of the tested backfill material. Photographic documentation of backfilling activities is included in **Appendix D**.

CONFIRMATION LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for final confirmation soil samples indicated concentrations of COCs were below the Site Closure Criteria, except soil samples FS10 (0-0.25 feet bgs) and SW04 to SW05 (0-1 foot bgs), which are characterized by chloride concentrations ranging from 10,900 mg/kg to 12,300 mg/kg. Laboratory analytical results are summarized in **Table 1** included in **Appendix E**. The executed chain-of-custody forms and laboratory analytical reports are provided in **Appendix F**.

DEFERRAL REQUEST

Based on laboratory analytical results, Devon believes that residual soil impacts associated with the inadvertent release have been sufficiently vertically and horizontally delineated, excavated to the MEP, and removed from the Site. Residual soil impacts above the Closure Criteria appear to solely reside below and directly adjacent to active production equipment and utilities within the three-phase separators up to 2 feet bgs (**Figure 4** in **Appendix A**). Vertical delineation was achieved through delineation soil sample locations PH01 to PH06 and final confirmation soil samples FS01 to FS09. Additionally, horizontal delineation was achieved through final confirmation soil samples SW01 to SW03 and SW06 and supplemented by delineation soil sampling locations PH07 to PH14. Areas associated within proximity of soil samples FS10 and SW04 to SW05 were left in place and are requested for deferral to protect the structural integrity of active production equipment and utilities and onsite personnel.

Residually impacted soil is shallow, relative to depth to ground water, which was estimated to be greater than 55 feet bgs, based off a nearby, referenced dry boring (C-04627-POD1). As such, Devon respectfully requests deferral of up to 17 CY of residual impacted soil adjacent to active production equipment and utilities until the Site undergoes major facility deconstruction or P&A, whichever comes first. Due to the shallow depths of impacts, estimated depth to groundwater, and proximity of sensitive receptors to the Site, Devon believes the completed remedial actions have mitigated impacts at the Site and meets the requirements set forth in NMAC regulations in order to be protective of human health, the environment and groundwater.

NFRA appears warranted at this time and Incident Number nAPP2500825819 should be respectfully considered for Deferral by the NMOCD. If you have any questions or comments, please do not hesitate to contact Joseph Hernandez at (432) 305-6413 or joseph@etechnv.com or Erick Herrera (432) 305-6416 or erick@etechnv.com. **Appendix G** provides correspondence email notification receipts associated with the subject release.

Sincerely,
Etech Environmental and Safety Solutions, Inc.



Erick Herrera
Project Geologist



Joseph S. Hernandez
Senior Managing Geologist

cc: Jim Raley, Devon
New Mexico Oil Conservation Division
Bureau of Land Management

Appendices:

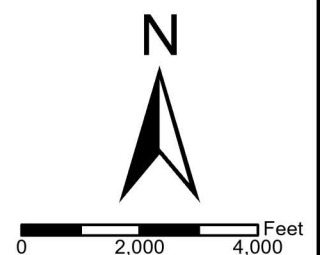
- Appendix A:** Figure 1: Site Map
Figure 1A: Site Characterization Map – Groundwater
Figure 1B: Site Characterization Map – Surficial Receptors
Figure 1C: Site Characterization Map – Subsurface Receptors
Figure 2: Delineation Soil Sample Locations
Figure 3: Confirmation Soil Sample Locations
Figure 4: Requested Deferral Area
- Appendix B:** Referenced Well Records
- Appendix C:** Soil Sampling Logs
- Appendix D:** Photographic Log
- Appendix E:** Tables
- Appendix F:** Laboratory Analytical Reports & Chain-of-Custody Documentation
- Appendix G:** Correspondence & Notifications

APPENDIX A

Figures



Site Location Map



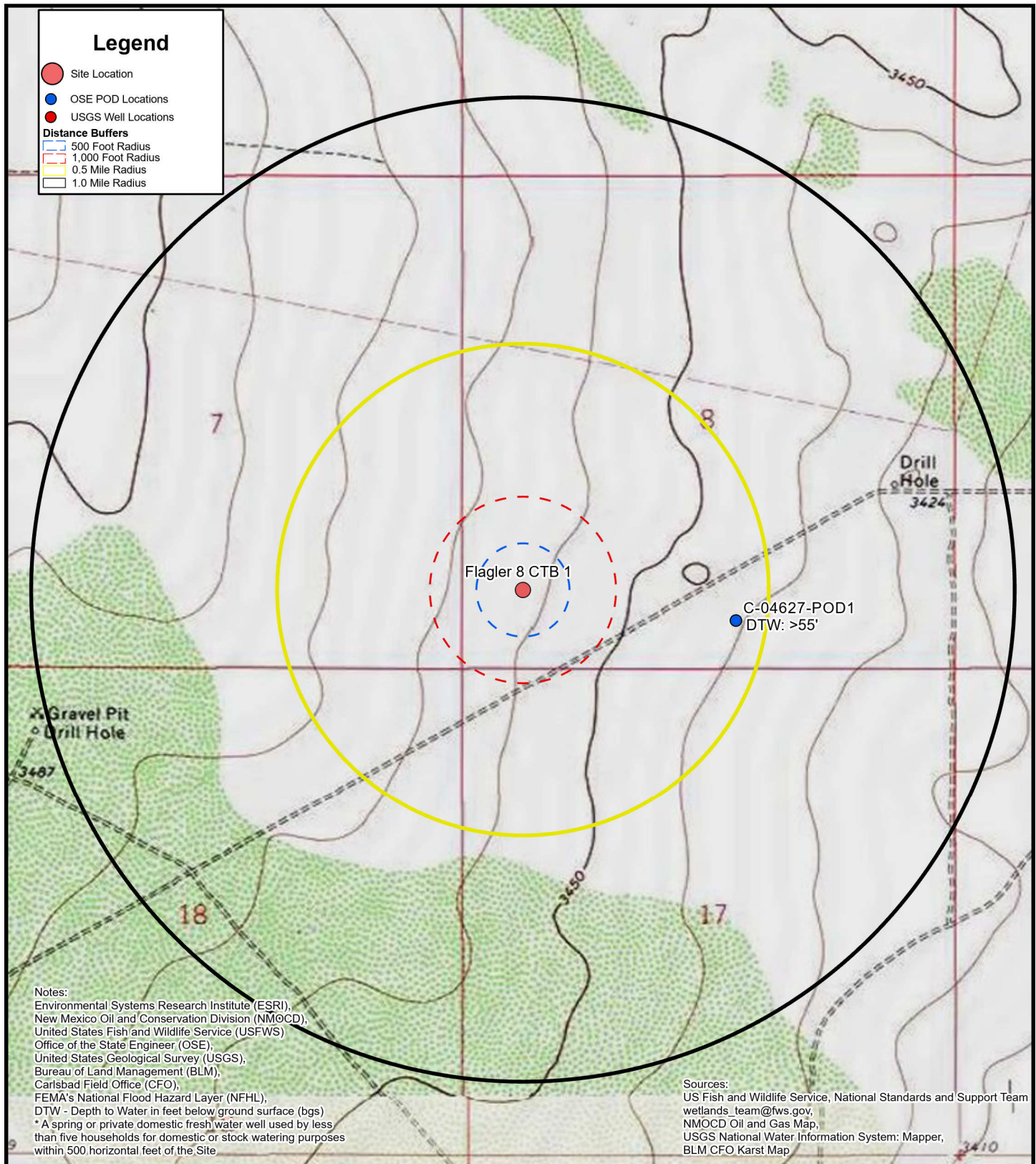
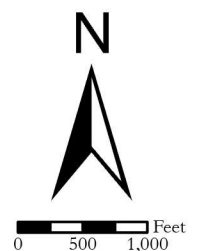


FIGURE 1A Site Characterization Map Groundwater

Devon Energy Production Company, LP
Flagler 8 CTB 1
Unit M Sec 8 T25S R33E
Lea County, New Mexico



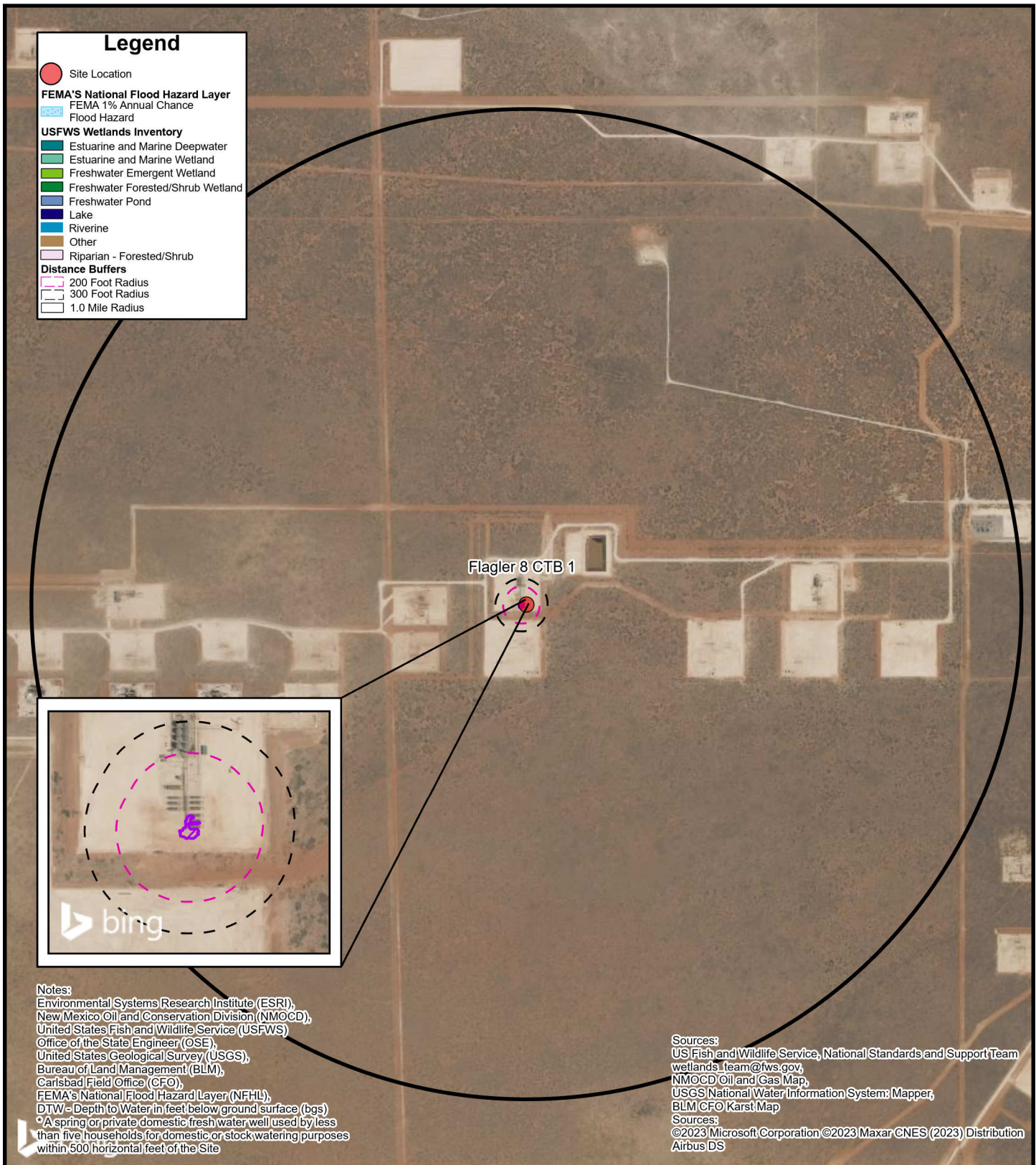
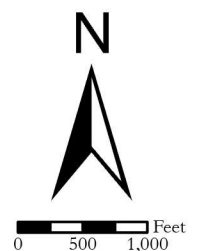
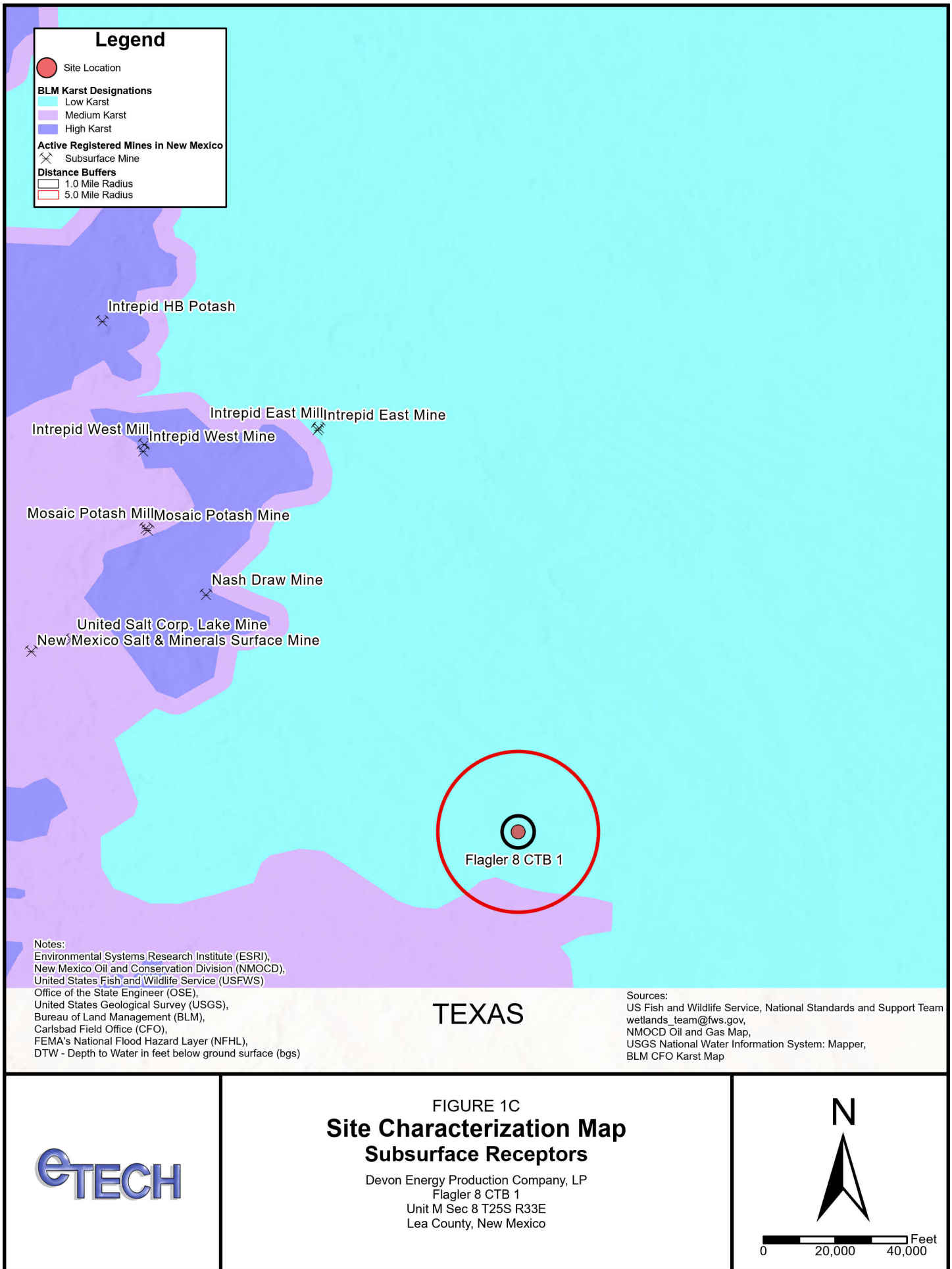


FIGURE 1B
**Site Characterization Map
 Surficial Receptors**

Devon Energy Production Company, LP
 Flagler 8 CTB 1
 Unit M Sec 8 T26S R33E
 Lea County, New Mexico





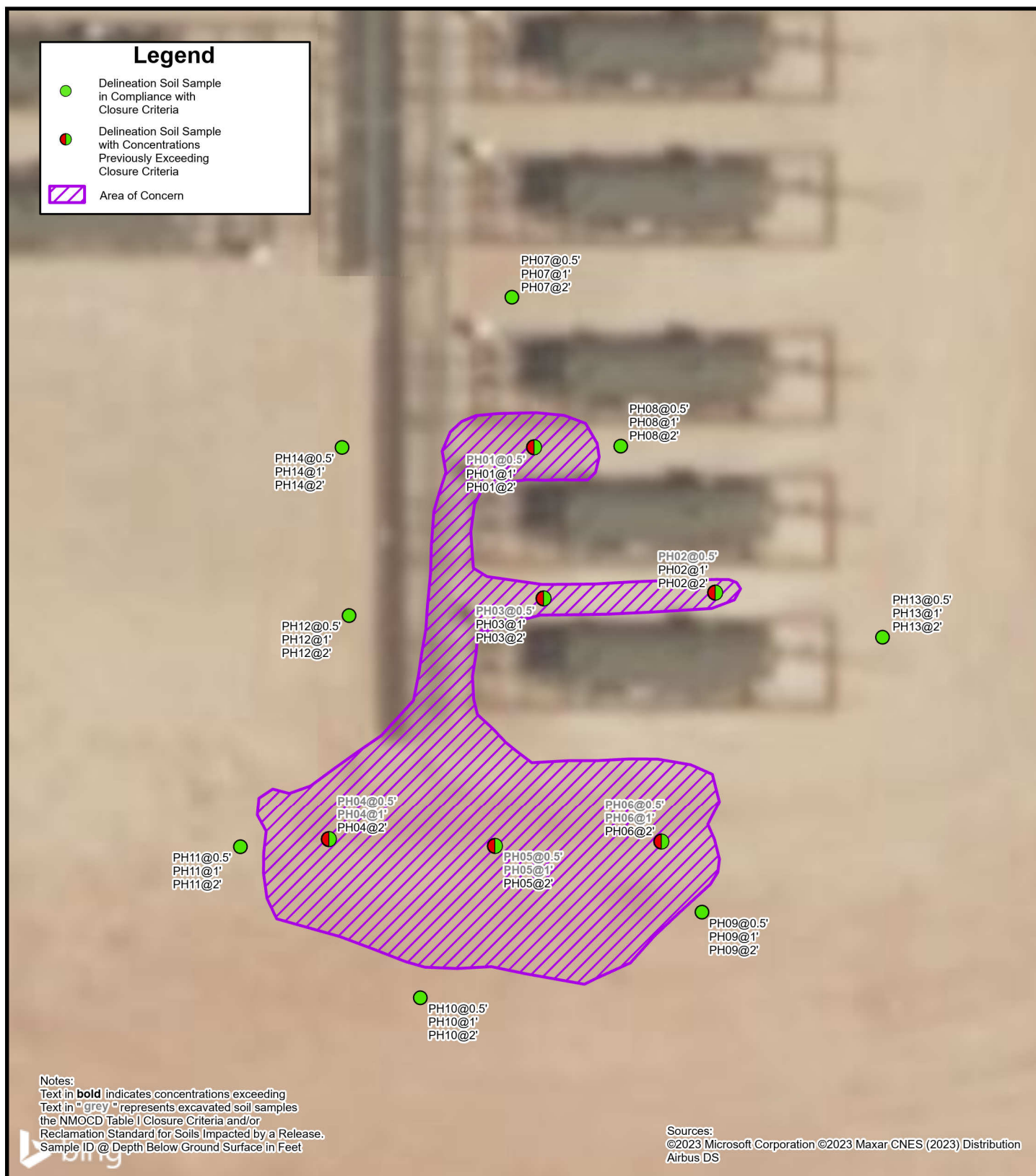
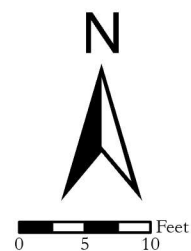


FIGURE 2

Delineation Soil Sample Locations

Devon Energy Production Company, LP
Flagler 8 CTB 1
Unit M Sec 8 T26S R33E
Lea County, New Mexico



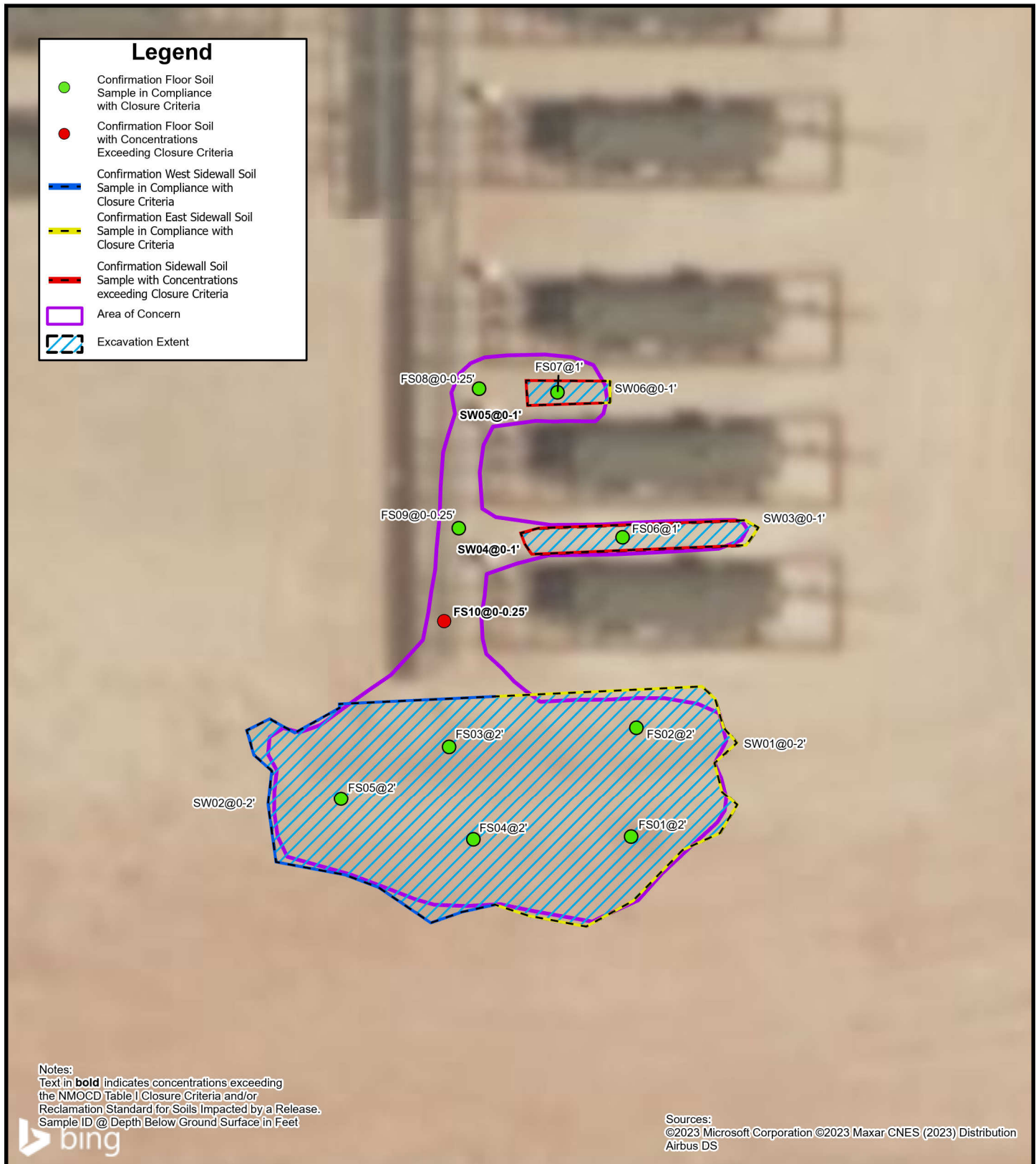
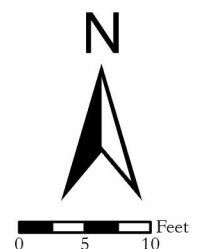


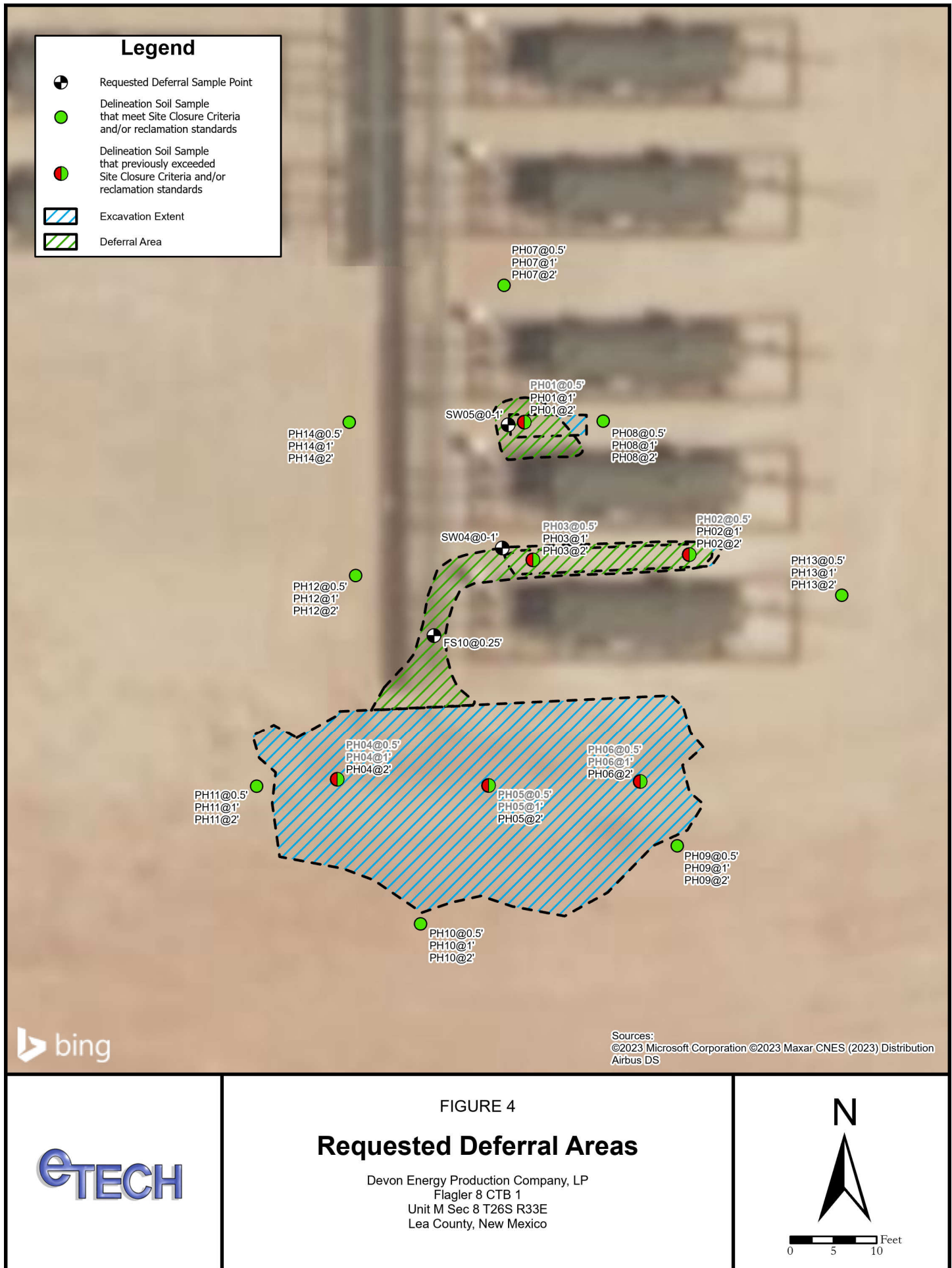
FIGURE 3

Excavation Soil Sample Locations

Devon Energy Production Company, LP
Flagler 8 CTB 1
Unit M Sec 8 T26S R33E
Lea County, New Mexico

eTECH





APPENDIX B

Well Reference Records



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD 1 (TW-1)		WELL TAG ID NO. N/A		OSE FILE NO(S). C-4627			
	WELL OWNER NAME(S) Devon Energy				PHONE (OPTIONAL) 575-748-1838			
	WELL OWNER MAILING ADDRESS 6488 7 Rivers Hwy				CITY Artesia	STATE NM	ZIP 88210	
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 8	SECONDS 20.92 N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND			
		LONGITUDE 103	35	36.25 W	* DATUM REQUIRED: WGS 84			
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE SW SW SE Sec.8 T25S R33S NMPM								
2. DRILLING & CASING INFORMATION	LICENSE NO. 1249		NAME OF LICENSED DRILLER Jackie D. Atkins			NAME OF WELL DRILLING COMPANY Atkins Engineering Associates, Inc.		
	DRILLING STARTED 6/7/2022	DRILLING ENDED 6/7/2022	DEPTH OF COMPLETED WELL (FT) Temporary Well		BORE HOLE DEPTH (FT) ±55	DEPTH WATER FIRST ENCOUNTERED (FT) N/A		
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A	DATE STATIC MEASURED 6/13/2022		
	DRILLING FLUID: <input type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> OTHER - SPECIFY: Hollow Stem Auger					CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>		
	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	0	55	±6.5	Boring-HSA	--	--	--	--
3. ANNULAR MATERIAL	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL		AMOUNT (cubic feet)	METHOD OF PLACEMENT	

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 01/28/2022)

FILE NO. <u>C-4627-POD 1</u>	POD NO. <u>1</u>	TRN NO. <u>726174</u>
LOCATION <u>25.33.08.334</u>	WELL TAG ID NO. <u>1</u>	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	FROM	TO				
	0	7	7	Sand, Fine-grained, poorly graded, 2.5 YR 3/6, Dark Red	Y ✓ N	
	7	24	17	Caliche, with Fine-grained sand, 7.5 YR 7/4, Pink	Y ✓ N	
	24	55	31	Caliche, with Fine-grained sand, well consolidated, 7.5 YR 7/4, Pink	Y ✓ N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
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					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER – SPECIFY:					TOTAL ESTIMATED WELL YIELD (gpm): 0.00	

5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
	MISCELLANEOUS INFORMATION: <div style="text-align: right;"> Temporary well material removed and soil boring backfilled using drill cuttings from total depth to ten feet below ground surface(bgs), then hydrated bentonite chips ten feet bgs to surface. 26 Flagler 8 Fed 20 </div> <div style="text-align: right; color: blue;"> QSE DTI JUN 16 2022 PM3:10 </div>	
PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Shane Eldridge, Cameron Pruitt		

6. SIGNATURE	SIGNATURE OF DRILLER / PRINT SIGNEE NAME	DATE
	<div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="text-align: center;"> Jackie D. Atkins </div> <div style="text-align: right;"> 6/16/2022 </div> </div>	

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 01/28/2022)	
FILE NO.	C-4627-POD 1	POD NO.	1
LOCATION		TRN NO.	726174
25 33.08.334		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: 726174
File Nbr: C 04627
Well File Nbr: C 04627 POD1

Jun. 18, 2022

DALE WOODALL
DEVON ENERGY
6488 7 RIVERS HWY
ARTESIA, NM 88210

Greetings:

The above numbered permit was issued in your name on 05/24/2022.

The Well Record was received in this office on 06/18/2022, stating that it had been completed on 06/07/2022, 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 05/24/2023.

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

Sincerely,

A handwritten signature in blue ink, appearing to read "Maret Amaral".

Maret Amaral
(575) 622-6521

drywell



2904 W 2nd St.
Roswell, NM 88201
voice: 575.624.2420
fax: 575.624.2421
www.atkinseng.com

June 8, 2022

DII-NMOSE
1900 W 2nd Street
Roswell, NM 88201

Hand Delivered to the DII Office of the State Engineer

Re: Well Record C-4627 Pod1 at Flagler 8 Fed 20

To whom it may concern:

Attached please find a well log & record and a plugging record, in duplicate, for a one (1) soil borings, C-4627 Pod1.

If you have any questions, please contact me at 575.499.9244 or lucas@atkinseng.com.

Sincerely,

A handwritten signature in black ink, appearing to read "Lucas Middleton".

Lucas Middleton

Enclosures: as noted above

OSE DII JUN 16 2022 PM3:10

APPENDIX C

Soil Sampling Logs



Sample Name: PH01 Date: 01/15/2025, 01/30/2025
 Site Name: Flagler 8 CTB 1
 Incident Number: nAPP2500825819
 Job Number: 21660

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: EK Method: Hand Auger

Site Coordinates: 32.1401036, -103.6010006

Hole Diameter: 3.75 inches

Total Depth: 2 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	12,504	0.1	No	PH01	0.5	0.5	CCHE	(0-2') PAD CALICHE, dry, tan, well graded with silt, fine to coarse grain, some gravel, low plasticity, low cohesiveness, no staining, no odor.
Dry	10,460	0.0	No	PH01	1	1		
Dry	296	-	No	PH01	2	2	SP-SM	(2') SAND, dry, reddish brown, poorly graded with trace silt, very fine to fine grain, low plasticity, low cohesiveness, no staining, no odor.

Total Depth



Sample Name: PH02 Date: 01/15/2025, 01/30/2025
 Site Name: Flagler 8 CTB 1
 Incident Number: nAPP2500825819
 Job Number: 21660

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: EK Method: Hand Auger

Site Coordinates: 32.1400617, -103.600388

Hole Diameter: 3.75 inches

Total Depth: 2 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	15,120	0.0	No	PH02	0.5	0.5	CCHE	(0-2') PAD CALICHE, dry, tan, well graded with silt, fine to coarse grain, some gravel, low plasticity, low cohesiveness, no staining, no odor.
Dry	12,504	0.0	No	PH02	1	1		
Dry	368	-	No	PH02	2	2	SP-SM	
								(2') SAND, dry, reddish brown, poorly graded with trace silt, very fine to fine grain, low plasticity, low cohesiveness, no staining, no odor.

Total Depth



Sample Name: PH03 Date: 01/15/2025, 01/30/2025
 Site Name: Flagler 8 CTB 1
 Incident Number: nAPP2500825819
 Job Number: 21660

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: EK Method: Hand Auger

Site Coordinates: 32.1400600, -103.6009973

Hole Diameter: 3.75 inches

Total Depth: 2 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	12,504	0.0	No	PH03	0.5	0.5	CCHE	(0-2') PAD CALICHE, dry, tan, well graded with silt, fine to coarse grain, some gravel, low plasticity, low cohesiveness, no staining, no odor.
Dry	1,040	0.2	No	PH03	1	1		
Dry	332	-	No	PH03	2	2	SP-SM	(2') SAND, dry, reddish brown, poorly graded with trace silt, very fine to fine grain, low plasticity, low cohesiveness, no staining, no odor.

Total Depth



Sample Name: PH04 Date: 01/15/2025, 01/30/2025
 Site Name: Flagler 8 CTB 1
 Incident Number: nAPP2500825819
 Job Number: 21660

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: EK Method: Hand Auger

Site Coordinates: 32.1399904, -103.6010705

Hole Diameter: 3.75 inches

Total Depth: 2 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	10,460	0.0	No	PH04	0.5	0.5	CCHE	(0-2') PAD CALICHE, dry, tan, well graded with silt, fine to coarse grain, some gravel, low plasticity, low cohesiveness, no staining, no odor.
Dry	9,600	0.1	No	PH04	1	1		
Dry	228	-	No	PH04	2	2	SP-SM	
								(2') SAND, dry, reddish brown, poorly graded with trace silt, very fine to fine grain, low plasticity, low cohesiveness, no staining, no odor.

Total Depth



Sample Name: PH05 Date: 01/15/2025, 01/30/2025
 Site Name: Flagler 8 CTB 1
 Incident Number: nAPP2500825819
 Job Number: 21660

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: EK Method: Hand Auger

Site Coordinates: 32.1399885, -103.6010139

Hole Diameter: 3.75 inches

Total Depth: 2 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	13,728	0.3	No	PH05	0.5	0.5	CCHE	(0-2') PAD CALICHE, dry, tan, well graded with silt, fine to coarse grain, some gravel, low plasticity, low cohesiveness, no staining, no odor.
Dry	11,424	0.0	No	PH05	1	1		
Dry	296	-	No	PH05	2	2	SP-SM	
								(2') SAND, dry, reddish brown, poorly graded with trace silt, very fine to fine grain, low plasticity, low cohesiveness, no staining, no odor.

Total Depth



Sample Name: PH06 Date: 01/15/2025, 01/30/2025
 Site Name: Flagler 8 CTB 1
 Incident Number: nAPP2500825819
 Job Number: 21660

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: EK Method: Hand Auger

Site Coordinates: 32.1399897, -103.6009572

Hole Diameter: 3.75 inches

Total Depth: 2 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	15,120	0.3	No	PH06	0.5	0.5	CCHE	(0-2') PAD CALICHE, dry, tan, well graded with silt, fine to coarse grain, some gravel, low plasticity, low cohesiveness, no staining, no odor.
Dry	440	0.0	No	PH06	1	1		
Dry	260	-	No	PH06	2	2	SP-SM	
								(2') SAND, dry, reddish brown, poorly graded with trace silt, very fine to fine grain, low plasticity, low cohesiveness, no staining, no odor.

Total Depth



Sample Name: PH07 Date: 01/15/2025, 02/25/2025
 Site Name: Flagler 8 CTB 1
 Incident Number: nAPP2500825819
 Job Number: 21660

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: EK Method: Hand Auger

Site Coordinates: 32.1401469, -103.6010081

Hole Diameter: 3.75 inches

Total Depth: 2 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	332	-	No	PH07	0.5	0.5	CCHE	(0-2') PAD CALICHE, dry, tan, well graded with silt, fine to coarse grain, some gravel, low plasticity, low cohesiveness, no staining, no odor.
Dry	<116	-	No	PH07	1	1		
Dry	<116	-	No	PH07	2	2	SP-SM	
								(2') SAND, dry, reddish brown, poorly graded with trace silt, very fine to fine grain, low plasticity, low cohesiveness, no staining, no odor.

Total Depth



Sample Name: PH08 Date: 01/15/2025, 02/25/2025
 Site Name: Flagler 8 CTB 1
 Incident Number: nAPP2500825819
 Job Number: 21660

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: EK Method: Hand Auger

Site Coordinates: 32.1401039, -103.6009710

Hole Diameter: 3.75 inches

Total Depth: 2 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	196	-	No	PH08	0.5	0.5	CCHE	(0-2') PAD CALICHE, dry, tan, well graded with silt, fine to coarse grain, some gravel, low plasticity, low cohesiveness, no staining, no odor.
Dry	<116	-	No	PH08	1	1		
Dry	<116	-	No	PH08	2	2	SP-SM	
								(2') SAND, dry, reddish brown, poorly graded with trace silt, very fine to fine grain, low plasticity, low cohesiveness, no staining, no odor.

Total Depth



Sample Name: PH09 Date: 01/15/2025, 02/25/2025
 Site Name: Flagler 8 CTB 1
 Incident Number: nAPP2500825819
 Job Number: 21660

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: EK Method: Hand Auger

Site Coordinates: 32.1399694, -103.6009433

Hole Diameter: 3.75 inches

Total Depth: 2 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	296	-	No	PH09	0.5	0.5	CCHE	(0-2') PAD CALICHE, dry, tan, well graded with silt, fine to coarse grain, some gravel, low plasticity, low cohesiveness, no staining, no odor.
Dry	<116	-	No	PH09	1	1		
Dry	<116	-	No	PH09	2	2	SP-SM	
								(2') SAND, dry, reddish brown, poorly graded with trace silt, very fine to fine grain, low plasticity, low cohesiveness, no staining, no odor.

Total Depth



Sample Name: PH10 Date: 01/15/2025, 02/25/2025
 Site Name: Flagler 8 CTB 1
 Incident Number: nAPP2500825819
 Job Number: 21660

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: EK Method: Hand Auger

Site Coordinates: 32.1399447, -103.6010393

Hole Diameter: 3.75 inches

Total Depth: 2 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	<116	-	No	PH10	0.5	0.5	CCHE	(0-2') PAD CALICHE, dry, tan, well graded with silt, fine to coarse grain, some gravel, low plasticity, low cohesiveness, no staining, no odor.
Dry	<116	-	No	PH10	1	1		
Dry	<116	-	No	PH10	2	2	SP-SM	
								(2') SAND, dry, reddish brown, poorly graded with trace silt, very fine to fine grain, low plasticity, low cohesiveness, no staining, no odor.

Total Depth



Sample Name: PH11 Date: 01/15/2025, 02/25/2025
 Site Name: Flagler 8 CTB 1
 Incident Number: nAPP2500825819
 Job Number: 21660

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: EK Method: Hand Auger

Site Coordinates: 32.139882, -103.6011007

Hole Diameter: 3.75 inches

Total Depth: 2 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	168	-	No	PH11	0.5	0.5	CCHE	(0-2') PAD CALICHE, dry, tan, well graded with silt, fine to coarse grain, some gravel, low plasticity, low cohesiveness, no staining, no odor.
Dry	<116	-	No	PH11	1	1		
Dry	<116	-	No	PH11	2	2	SP-SM	
								(2') SAND, dry, reddish brown, poorly graded with trace silt, very fine to fine grain, low plasticity, low cohesiveness, no staining, no odor.

Total Depth



Sample Name: PH12 Date: 01/15/2025, 02/25/2025
 Site Name: Flagler 8 CTB 1
 Incident Number: nAPP2500825819
 Job Number: 21660

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: EK Method: Hand Auger

Site Coordinates: 32.1400551, -103.6010636

Hole Diameter: 3.75 inches

Total Depth: 2 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	296	-	No	PH12	0.5	0.5	CCHE	(0-2') PAD CALICHE, dry, tan, well graded with silt, fine to coarse grain, some gravel, low plasticity, low cohesiveness, no staining, no odor.
Dry	<116	-	No	PH12	1	1		
Dry	<116	-	No	PH12	2	2	SP-SM	
								(2') SAND, dry, reddish brown, poorly graded with trace silt, very fine to fine grain, low plasticity, low cohesiveness, no staining, no odor.

Total Depth



Sample Name: PH13

Date: 02/25/2025

Site Name: Flagler 8 CTB 1

Incident Number: nAPP2500825819

Job Number: 21660

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: EK

Method: Hand Auger

Site Coordinates: 32.1400489, -103.6008818

Hole Diameter: 3.75 inches

Total Depth: 2 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	<116	-	No	PH13	0.5	0.5	CCHE	(0-2') PAD CALICHE, dry, tan, well graded with silt, fine to coarse grain, some gravel, low plasticity, low cohesiveness, no staining, no odor.
Dry	<116	-	No	PH13	1	1		
Dry	<116	-	No	PH13	2	2	SP-SM	
								(2') SAND, dry, reddish brown, poorly graded with trace silt, very fine to fine grain, low plasticity, low cohesiveness, no staining, no odor.

Total Depth



Sample Name: PH14 Date: 02/25/2025

Site Name: Flagler 8 CTB 1

Incident Number: nAPP2500825819

Job Number: 21660

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: EK

Method: Hand Auger

Site Coordinates: 32.1401036, -103.6010660

Hole Diameter: 3.75 inches

Total Depth: 2 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	<116	-	No	PH14	0.5	0.5	CCHE	(0-2') PAD CALICHE, dry, tan, well graded with silt, fine to coarse grain, some gravel, low plasticity, low cohesiveness, no staining, no odor.
Dry	<116	-	No	PH14	1	1		
Dry	<116	-	No	PH14	2	2	SP-SM	(2') SAND, dry, reddish brown, poorly graded with trace silt, very fine to fine grain, low plasticity, low cohesiveness, no staining, no odor.

Total Depth

APPENDIX D

Photographic Log

**PHOTOGRAPHIC LOG**

Devon Energy Production Company, LP

Flager 8 CTB 1

Incident Number: nAPP2500825819

**Photograph 1****Date: 01/15/2025**

Description: Western view of delineation activities between separators.

**Photograph 2****Date: 01/15/2025**

Description: Western view of delineation activities.

**Photograph 3****Date: 01/15/2025**

Description: Eastern view of confirmation sampling between active production equipment.

**Photograph 4****Date: 01/15/2025**

Description: Eastern view of confirmation sampling between active production equipment.

**PHOTOGRAPHIC LOG**

Devon Energy Production Company, LP

Flager 8 CTB 1

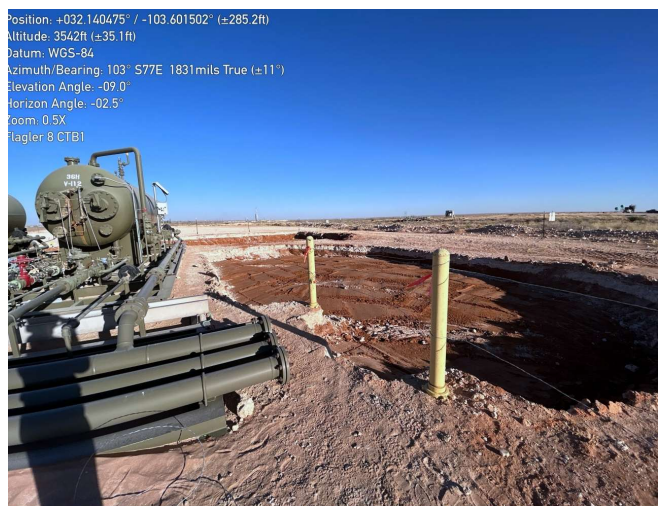
Incident Number: nAPP2500825819

**Photograph 5****Date: 02/27/2025**

Description: Western view of the final excavation extent between active production equipment.

**Photograph 6****Date: 02/27/2025**

Description: Western view of the southernmost excavation extent.

**Photograph 7****Date: 02/27/2025**

Description: Eastern view of the southernmost excavation extent.

**Photograph 8****Date: 02/27/2025**

Description: Western view of the southernmost excavation extent.

APPENDIX E

Tables



Table 1
SOIL SAMPLE ANALYTICAL RESULTS
Devon Energy Production Company, LP
Flagler 8 CTB 1
Lea County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	DRO+GRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	10,000
Delineation Soil Samples - Incident Number nAPP2500825819										
PH01	01/15/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	16,100
PH01	01/15/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	12,500
PH01	01/30/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	544
PH02	01/15/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	16,300
PH02	01/15/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	19,500
PH02	01/30/2025	2	<0.0250	<0.0500	<20.0	<25.0	<25.0	<25.0	<50.0	368
PH03	01/15/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	17,000
PH03	01/15/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	16,600
PH03	01/30/2025	2	<0.0250	<0.0500	<20.0	<25.0	<25.0	<25.0	<50.0	404
PH04	01/15/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	11,500
PH04	01/15/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	13,100
PH04	01/30/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	339
PH05	01/15/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	18,100
PH05	01/15/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	16,600
PH05	01/30/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	336
PH06	01/30/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	18,600
PH06	01/30/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,070
PH06	01/30/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	137
PH07	01/30/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	156
PH07	02/25/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
PH07	02/25/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
PH08	01/30/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	209
PH08	02/25/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
PH08	02/25/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
PH09	01/30/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	158
PH09	02/25/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
PH09	02/25/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0



Table 1
SOIL SAMPLE ANALYTICAL RESULTS
Devon Energy Production Company, LP
Flagler 8 CTB 1
Lea County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	DRO+GRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	10,000
PH10	01/30/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	80.7
PH10	02/25/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
PH10	02/25/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
PH11	01/30/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	196
PH11	02/25/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	20.3
PH11	02/25/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
PH12	01/30/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	428
PH12	02/25/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
PH12	02/25/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
PH13	02/25/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
PH13	02/25/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	20.0
PH13	02/25/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
PH14	02/25/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
PH14	02/25/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
PH14	02/25/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
Excavation Soil Samples - Incident Number nAPP2500825819										
FS01	02/24/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	70.1
FS02	02/24/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	63.4
FS03	02/24/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	36.8
FS04	02/24/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	32.4
FS05	02/24/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	97.8
FS06	02/25/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	6,600
FS07	02/27/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,400
FS08	02/27/2025	0-0.25	<0.0250	0.0425	<20.0	<25.0	<50.0	<25.0	<50.0	1,170
FS09	02/27/2025	0-0.25	<0.0250	0.0270	<20.0	<25.0	<50.0	<25.0	<50.0	1,180
FS10	02/27/2025	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	10,900
SW01	02/24/2025	0-2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	38.2
SW02	02/24/2025	0-2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	129



Table 1
SOIL SAMPLE ANALYTICAL RESULTS
Devon Energy Production Company, LP
Flagler 8 CTB 1
Lea County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	DRO+GRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	10,000
SW03	02/25/2025	0-1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	208
SW04	02/27/2025	0-1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	11,500
SW05	02/27/2025	0-1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	12,300
SW06	02/27/2025	0-1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	186

Notes:
 NE: Closure Criteria Not Established
 bgs: below ground surface
 mg/kg: milligrams per kilogram
 BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes
 GRO: Gasoline Range Organics
 DRO: Diesel Range Organics
 ORO: Oil Range Organics
 TPH: Total Petroleum Hydrocarbon
 NMOCD: New Mexico Oil Conservation Division
 NMAC: New Mexico Administrative Code
 Text in "grey" represents excavated soil samples
 Concentrations in bold exceed the NMOCD Table I Closure Criteria and/or Reclamation Standard† for Soils Impacted by a Release
 †The reclamation concentration requirements of 600 mg/kg chloride and 100 mg/kg TPH apply to the top 4 feet of areas to be immediately reclaimed following remediation pursuant to NMAC 19.15.17.13.



Table A
SOIL SAMPLE FIELD SCREENING RESULTS
Devon Energy Production Company, LP
Flagler 8 CTB 1
Lea County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Nitrogen	Potash	Phosphorous	PH (ppm)	Chloride (ppm)
Backfill Soil Samples - Incident Number nAPP2500825819							
STKP01	03/06/2025	N/A	Very Low	Low	Very Low	7.5	349
STKP02	03/06/2025	N/A	Very Low	Low	Very Low	7.5	325
STKP03	03/06/2025	N/A	Very Low	Low	Very Low	7.5	318
STKP04	03/06/2025	N/A	Very Low	Low	Very Low	7.5	329
BG01	03/06/2025	N/A	Very Low	Low	Very Low	7.5	<116

Notes:

bgs: below ground surface

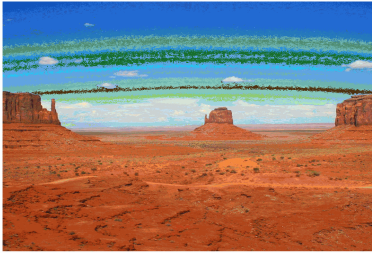
ppm: parts per million

"N/A" symbol: sample depth is not applicable

APPENDIX F

Laboratory Analytical Reports & Chain-of-Custody Documentation

Report to:
Erick Herrera



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: FLAGLER 8 CTB 1

Work Order: E501100

Job Number: 01058-0007

Received: 1/17/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
1/22/25

5796 U.S. Hwy 64
Farmington, NM 87401

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Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
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Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 1/22/25



Erick Herrera
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: FLAGLER 8 CTB 1
Workorder: E501100
Date Received: 1/17/2025 8:15:11AM

Erick Herrera,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/17/2025 8:15:11AM, under the Project Name: FLAGLER 8 CTB 1.

The analytical test results summarized in this report with the Project Name: FLAGLER 8 CTB 1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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Sample Summary

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: FLAGLER 8 CTB 1 Project Number: 01058-0007 Project Manager: Erick Herrera	Reported: 01/22/25 12:26
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
PH01 0.5'	E501100-01A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.
PH01 1'	E501100-02A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.
PH02 0.5'	E501100-03A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.
PH02 1'	E501100-04A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.
PH03 0.5'	E501100-05A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.
PH03 1'	E501100-06A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.
PH04 0.5'	E501100-07A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.
PH04 1'	E501100-08A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.
PH05 0.5'	E501100-09A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.
PH05 1'	E501100-10A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Erick Herrera

Reported:
1/22/2025 12:26:16PM

PH01 0.5'

E501100-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2503100
Benzene	ND	0.0250	1	01/17/25	01/18/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/18/25	
Toluene	ND	0.0250	1	01/17/25	01/18/25	
o-Xylene	ND	0.0250	1	01/17/25	01/18/25	
p,m-Xylene	ND	0.0500	1	01/17/25	01/18/25	
Total Xylenes	ND	0.0250	1	01/17/25	01/18/25	
<i>Surrogate: Bromofluorobenzene</i>		94.3 %	70-130	01/17/25	01/18/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.6 %	70-130	01/17/25	01/18/25	
<i>Surrogate: Toluene-d8</i>		94.8 %	70-130	01/17/25	01/18/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2503100
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/18/25	
<i>Surrogate: Bromofluorobenzene</i>		94.3 %	70-130	01/17/25	01/18/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.6 %	70-130	01/17/25	01/18/25	
<i>Surrogate: Toluene-d8</i>		94.8 %	70-130	01/17/25	01/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AF		Batch: 2503095
Diesel Range Organics (C10-C28)	ND	25.0	1	01/17/25	01/18/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/17/25	01/18/25	
<i>Surrogate: n-Nonane</i>		123 %	50-200	01/17/25	01/18/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2503108
Chloride	16100	400	20	01/17/25	01/17/25	



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Erick Herrera

Reported:
1/22/2025 12:26:16PM

PH01 1'

E501100-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2503100
Benzene	ND	0.0250	1	01/17/25	01/18/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/18/25	
Toluene	ND	0.0250	1	01/17/25	01/18/25	
o-Xylene	ND	0.0250	1	01/17/25	01/18/25	
p,m-Xylene	ND	0.0500	1	01/17/25	01/18/25	
Total Xylenes	ND	0.0250	1	01/17/25	01/18/25	
Surrogate: Bromofluorobenzene	95.6 %	70-130		01/17/25	01/18/25	
Surrogate: 1,2-Dichloroethane-d4	98.0 %	70-130		01/17/25	01/18/25	
Surrogate: Toluene-d8	96.7 %	70-130		01/17/25	01/18/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2503100
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/18/25	
Surrogate: Bromofluorobenzene	95.6 %	70-130		01/17/25	01/18/25	
Surrogate: 1,2-Dichloroethane-d4	98.0 %	70-130		01/17/25	01/18/25	
Surrogate: Toluene-d8	96.7 %	70-130		01/17/25	01/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AF		Batch: 2503095
Diesel Range Organics (C10-C28)	ND	25.0	1	01/17/25	01/18/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/17/25	01/18/25	
Surrogate: n-Nonane	137 %	50-200		01/17/25	01/18/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2503108
Chloride	12500	200	10	01/17/25	01/17/25	



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Erick Herrera

Reported:
1/22/2025 12:26:16PM

PH02 0.5'

E501100-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2503100
Benzene	ND	0.0250	1	01/17/25	01/18/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/18/25	
Toluene	ND	0.0250	1	01/17/25	01/18/25	
o-Xylene	ND	0.0250	1	01/17/25	01/18/25	
p,m-Xylene	ND	0.0500	1	01/17/25	01/18/25	
Total Xylenes	ND	0.0250	1	01/17/25	01/18/25	
Surrogate: Bromofluorobenzene	94.8 %	70-130		01/17/25	01/18/25	
Surrogate: 1,2-Dichloroethane-d4	96.6 %	70-130		01/17/25	01/18/25	
Surrogate: Toluene-d8	98.3 %	70-130		01/17/25	01/18/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2503100
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/18/25	
Surrogate: Bromofluorobenzene	94.8 %	70-130		01/17/25	01/18/25	
Surrogate: 1,2-Dichloroethane-d4	96.6 %	70-130		01/17/25	01/18/25	
Surrogate: Toluene-d8	98.3 %	70-130		01/17/25	01/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AF		Batch: 2503095
Diesel Range Organics (C10-C28)	ND	25.0	1	01/17/25	01/18/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/17/25	01/18/25	
Surrogate: n-Nonane	134 %	50-200		01/17/25	01/18/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2503108
Chloride	16300	200	10	01/17/25	01/17/25	



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Erick Herrera

Reported:
1/22/2025 12:26:16PM

PH02 1'

E501100-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2503100
Benzene	ND	0.0250	1	01/17/25	01/18/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/18/25	
Toluene	ND	0.0250	1	01/17/25	01/18/25	
o-Xylene	ND	0.0250	1	01/17/25	01/18/25	
p,m-Xylene	ND	0.0500	1	01/17/25	01/18/25	
Total Xylenes	ND	0.0250	1	01/17/25	01/18/25	
Surrogate: Bromofluorobenzene	93.6 %	70-130		01/17/25	01/18/25	
Surrogate: 1,2-Dichloroethane-d4	98.7 %	70-130		01/17/25	01/18/25	
Surrogate: Toluene-d8	96.6 %	70-130		01/17/25	01/18/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2503100
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/18/25	
Surrogate: Bromofluorobenzene	93.6 %	70-130		01/17/25	01/18/25	
Surrogate: 1,2-Dichloroethane-d4	98.7 %	70-130		01/17/25	01/18/25	
Surrogate: Toluene-d8	96.6 %	70-130		01/17/25	01/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AF		Batch: 2503095
Diesel Range Organics (C10-C28)	ND	25.0	1	01/17/25	01/18/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/17/25	01/18/25	
Surrogate: n-Nonane	135 %	50-200		01/17/25	01/18/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2503108
Chloride	19500	400	20	01/17/25	01/17/25	



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Erick Herrera

Reported:
1/22/2025 12:26:16PM

PH03 0.5'

E501100-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2503100
Benzene	ND	0.0250	1	01/17/25	01/18/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/18/25	
Toluene	ND	0.0250	1	01/17/25	01/18/25	
o-Xylene	ND	0.0250	1	01/17/25	01/18/25	
p,m-Xylene	ND	0.0500	1	01/17/25	01/18/25	
Total Xylenes	ND	0.0250	1	01/17/25	01/18/25	
Surrogate: Bromofluorobenzene	96.5 %	70-130		01/17/25	01/18/25	
Surrogate: 1,2-Dichloroethane-d4	99.0 %	70-130		01/17/25	01/18/25	
Surrogate: Toluene-d8	96.4 %	70-130		01/17/25	01/18/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2503100
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/18/25	
Surrogate: Bromofluorobenzene	96.5 %	70-130		01/17/25	01/18/25	
Surrogate: 1,2-Dichloroethane-d4	99.0 %	70-130		01/17/25	01/18/25	
Surrogate: Toluene-d8	96.4 %	70-130		01/17/25	01/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AF		Batch: 2503095
Diesel Range Organics (C10-C28)	ND	25.0	1	01/17/25	01/18/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/17/25	01/18/25	
Surrogate: n-Nonane	135 %	50-200		01/17/25	01/18/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2503108
Chloride	17000	400	20	01/17/25	01/17/25	



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Erick Herrera

Reported:
1/22/2025 12:26:16PM

PH03 1'

E501100-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2503100
Benzene	ND	0.0250	1	01/17/25	01/18/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/18/25	
Toluene	ND	0.0250	1	01/17/25	01/18/25	
o-Xylene	ND	0.0250	1	01/17/25	01/18/25	
p,m-Xylene	ND	0.0500	1	01/17/25	01/18/25	
Total Xylenes	ND	0.0250	1	01/17/25	01/18/25	
Surrogate: Bromofluorobenzene	95.5 %	70-130		01/17/25	01/18/25	
Surrogate: 1,2-Dichloroethane-d4	96.8 %	70-130		01/17/25	01/18/25	
Surrogate: Toluene-d8	97.3 %	70-130		01/17/25	01/18/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2503100
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/18/25	
Surrogate: Bromofluorobenzene	95.5 %	70-130		01/17/25	01/18/25	
Surrogate: 1,2-Dichloroethane-d4	96.8 %	70-130		01/17/25	01/18/25	
Surrogate: Toluene-d8	97.3 %	70-130		01/17/25	01/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AF		Batch: 2503095
Diesel Range Organics (C10-C28)	ND	25.0	1	01/17/25	01/18/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/17/25	01/18/25	
Surrogate: n-Nonane	122 %	50-200		01/17/25	01/18/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2503108
Chloride	16600	200	10	01/17/25	01/17/25	



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Erick Herrera

Reported:
1/22/2025 12:26:16PM

PH04 0.5'

E501100-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2503100
Benzene	ND	0.0250	1	01/17/25	01/18/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/18/25	
Toluene	ND	0.0250	1	01/17/25	01/18/25	
o-Xylene	ND	0.0250	1	01/17/25	01/18/25	
p,m-Xylene	ND	0.0500	1	01/17/25	01/18/25	
Total Xylenes	ND	0.0250	1	01/17/25	01/18/25	
Surrogate: Bromofluorobenzene	96.0 %	70-130		01/17/25	01/18/25	
Surrogate: 1,2-Dichloroethane-d4	96.7 %	70-130		01/17/25	01/18/25	
Surrogate: Toluene-d8	95.6 %	70-130		01/17/25	01/18/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2503100
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/18/25	
Surrogate: Bromofluorobenzene	96.0 %	70-130		01/17/25	01/18/25	
Surrogate: 1,2-Dichloroethane-d4	96.7 %	70-130		01/17/25	01/18/25	
Surrogate: Toluene-d8	95.6 %	70-130		01/17/25	01/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AF		Batch: 2503095
Diesel Range Organics (C10-C28)	ND	25.0	1	01/17/25	01/18/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/17/25	01/18/25	
Surrogate: n-Nonane	137 %	50-200		01/17/25	01/18/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2503108
Chloride	11500	200	10	01/17/25	01/17/25	



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Erick Herrera

Reported:
1/22/2025 12:26:16PM

PH04 1'

E501100-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2503100
Benzene	ND	0.0250	1	01/17/25	01/18/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/18/25	
Toluene	ND	0.0250	1	01/17/25	01/18/25	
o-Xylene	ND	0.0250	1	01/17/25	01/18/25	
p,m-Xylene	ND	0.0500	1	01/17/25	01/18/25	
Total Xylenes	ND	0.0250	1	01/17/25	01/18/25	
Surrogate: Bromofluorobenzene	96.8 %	70-130		01/17/25	01/18/25	
Surrogate: 1,2-Dichloroethane-d4	97.1 %	70-130		01/17/25	01/18/25	
Surrogate: Toluene-d8	97.0 %	70-130		01/17/25	01/18/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2503100
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/18/25	
Surrogate: Bromofluorobenzene	96.8 %	70-130		01/17/25	01/18/25	
Surrogate: 1,2-Dichloroethane-d4	97.1 %	70-130		01/17/25	01/18/25	
Surrogate: Toluene-d8	97.0 %	70-130		01/17/25	01/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AF		Batch: 2503095
Diesel Range Organics (C10-C28)	ND	25.0	1	01/17/25	01/18/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/17/25	01/18/25	
Surrogate: n-Nonane	129 %	50-200		01/17/25	01/18/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2503108
Chloride	13100	200	10	01/17/25	01/17/25	



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Erick Herrera

Reported:
1/22/2025 12:26:16PM

PH05 0.5'

E501100-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2503100
Benzene	ND	0.0250	1	01/17/25	01/18/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/18/25	
Toluene	ND	0.0250	1	01/17/25	01/18/25	
o-Xylene	ND	0.0250	1	01/17/25	01/18/25	
p,m-Xylene	ND	0.0500	1	01/17/25	01/18/25	
Total Xylenes	ND	0.0250	1	01/17/25	01/18/25	
Surrogate: Bromofluorobenzene	95.4 %	70-130		01/17/25	01/18/25	
Surrogate: 1,2-Dichloroethane-d4	97.0 %	70-130		01/17/25	01/18/25	
Surrogate: Toluene-d8	97.2 %	70-130		01/17/25	01/18/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2503100
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/18/25	
Surrogate: Bromofluorobenzene	95.4 %	70-130		01/17/25	01/18/25	
Surrogate: 1,2-Dichloroethane-d4	97.0 %	70-130		01/17/25	01/18/25	
Surrogate: Toluene-d8	97.2 %	70-130		01/17/25	01/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AF		Batch: 2503095
Diesel Range Organics (C10-C28)	ND	25.0	1	01/17/25	01/18/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/17/25	01/18/25	
Surrogate: n-Nonane	139 %	50-200		01/17/25	01/18/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2503108
Chloride	18100	200	10	01/17/25	01/17/25	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: FLAGLER 8 CTB 1 Project Number: 01058-0007 Project Manager: Erick Herrera	Reported: 1/22/2025 12:26:16PM
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PH05 1'

E501100-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2503100
Benzene	ND	0.0250	1	01/17/25	01/18/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/18/25	
Toluene	ND	0.0250	1	01/17/25	01/18/25	
o-Xylene	ND	0.0250	1	01/17/25	01/18/25	
p,m-Xylene	ND	0.0500	1	01/17/25	01/18/25	
Total Xylenes	ND	0.0250	1	01/17/25	01/18/25	
Surrogate: Bromofluorobenzene	95.1 %	70-130		01/17/25	01/18/25	
Surrogate: 1,2-Dichloroethane-d4	97.5 %	70-130		01/17/25	01/18/25	
Surrogate: Toluene-d8	94.4 %	70-130		01/17/25	01/18/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2503100
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/18/25	
Surrogate: Bromofluorobenzene	95.1 %	70-130		01/17/25	01/18/25	
Surrogate: 1,2-Dichloroethane-d4	97.5 %	70-130		01/17/25	01/18/25	
Surrogate: Toluene-d8	94.4 %	70-130		01/17/25	01/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AF		Batch: 2503095
Diesel Range Organics (C10-C28)	ND	25.0	1	01/17/25	01/18/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/17/25	01/18/25	
Surrogate: n-Nonane	129 %	50-200		01/17/25	01/18/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2503108
Chloride	16600	200	10	01/17/25	01/17/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Erick Herrera	1/22/2025 12:26:16PM

Volatile Organic Compounds by EPA 8260B

Analyst: BA

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

Blank (2503100-BLK1)

Prepared: 01/17/25 Analyzed: 01/18/25

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	0.472		0.500		94.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.505		0.500		101	70-130			
Surrogate: Toluene-d8	0.494		0.500		98.7	70-130			

LCS (2503100-BS1)

Prepared: 01/17/25 Analyzed: 01/18/25

Benzene	2.48	0.0250	2.50		99.4	70-130			
Ethylbenzene	2.26	0.0250	2.50		90.4	70-130			
Toluene	2.29	0.0250	2.50		91.4	70-130			
o-Xylene	2.19	0.0250	2.50		87.8	70-130			
p,m-Xylene	4.45	0.0500	5.00		89.0	70-130			
Total Xylenes	6.64	0.0250	7.50		88.6	70-130			
Surrogate: Bromofluorobenzene	0.475		0.500		95.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.505		0.500		101	70-130			
Surrogate: Toluene-d8	0.474		0.500		94.8	70-130			

Matrix Spike (2503100-MS1)

Source: E501100-10

Prepared: 01/17/25 Analyzed: 01/18/25

Benzene	2.52	0.0250	2.50	ND	101	48-131			
Ethylbenzene	2.32	0.0250	2.50	ND	92.6	45-135			
Toluene	2.33	0.0250	2.50	ND	93.3	48-130			
o-Xylene	2.30	0.0250	2.50	ND	92.0	43-135			
p,m-Xylene	4.63	0.0500	5.00	ND	92.7	43-135			
Total Xylenes	6.94	0.0250	7.50	ND	92.5	43-135			
Surrogate: Bromofluorobenzene	0.488		0.500		97.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.507		0.500		101	70-130			
Surrogate: Toluene-d8	0.475		0.500		95.0	70-130			

Matrix Spike Dup (2503100-MSD1)

Source: E501100-10

Prepared: 01/17/25 Analyzed: 01/18/25

Benzene	2.50	0.0250	2.50	ND	99.9	48-131	0.837	23	
Ethylbenzene	2.30	0.0250	2.50	ND	92.0	45-135	0.715	27	
Toluene	2.31	0.0250	2.50	ND	92.5	48-130	0.926	24	
o-Xylene	2.26	0.0250	2.50	ND	90.4	43-135	1.75	27	
p,m-Xylene	4.58	0.0500	5.00	ND	91.7	43-135	1.10	27	
Total Xylenes	6.84	0.0250	7.50	ND	91.3	43-135	1.31	27	
Surrogate: Bromofluorobenzene	0.477		0.500		95.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.3	70-130			
Surrogate: Toluene-d8	0.476		0.500		95.2	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Erick Herrera	1/22/2025 12:26:16PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2503100-BLK1)

Prepared: 01/17/25 Analyzed: 01/18/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.472		0.500		94.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.505		0.500		101	70-130			
Surrogate: Toluene-d8	0.494		0.500		98.7	70-130			

LCS (2503100-BS2)

Prepared: 01/17/25 Analyzed: 01/18/25

Gasoline Range Organics (C6-C10)	49.1	20.0	50.0		98.2	70-130			
Surrogate: Bromofluorobenzene	0.489		0.500		97.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.495		0.500		99.0	70-130			
Surrogate: Toluene-d8	0.494		0.500		98.7	70-130			

Matrix Spike (2503100-MS2)

Source: E501100-10

Prepared: 01/17/25 Analyzed: 01/18/25

Gasoline Range Organics (C6-C10)	44.7	20.0	50.0	ND	89.5	70-130			
Surrogate: Bromofluorobenzene	0.489		0.500		97.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.5	70-130			
Surrogate: Toluene-d8	0.493		0.500		98.5	70-130			

Matrix Spike Dup (2503100-MSD2)

Source: E501100-10

Prepared: 01/17/25 Analyzed: 01/18/25

Gasoline Range Organics (C6-C10)	36.8	20.0	50.0	ND	73.6	70-130	19.4	20	
Surrogate: Bromofluorobenzene	0.487		0.500		97.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.6	70-130			
Surrogate: Toluene-d8	0.487		0.500		97.3	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Erick Herrera	1/22/2025 12:26:16PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: AF

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2503095-BLK1)					Prepared: 01/17/25 Analyzed: 01/17/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	58.5		50.0		117	50-200			

LCS (2503095-BS1)					Prepared: 01/17/25 Analyzed: 01/18/25				
Diesel Range Organics (C10-C28)	253	25.0	250		101	38-132			
Surrogate: n-Nonane	58.9		50.0		118	50-200			

Matrix Spike (2503095-MS1)					Source: E501100-04		Prepared: 01/17/25 Analyzed: 01/18/25		
Diesel Range Organics (C10-C28)	269	25.0	250	ND	108	38-132			
Surrogate: n-Nonane	61.6		50.0		123	50-200			

Matrix Spike Dup (2503095-MSD1)					Source: E501100-04		Prepared: 01/17/25 Analyzed: 01/18/25		
Diesel Range Organics (C10-C28)	270	25.0	250	ND	108	38-132	0.325	20	
Surrogate: n-Nonane	62.4		50.0		125	50-200			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Erick Herrera	1/22/2025 12:26:16PM

Anions by EPA 300.0/9056A

Analyst: JM

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

Blank (2503108-BLK1)					Prepared: 01/17/25 Analyzed: 01/17/25				
Chloride	ND	20.0							
LCS (2503108-BS1)					Prepared: 01/17/25 Analyzed: 01/17/25				
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2503108-MS1)					Source: E501100-10		Prepared: 01/17/25 Analyzed: 01/17/25		
Chloride	19000	200	250	16600	966	80-120			M4
Matrix Spike Dup (2503108-MSD1)					Source: E501100-10		Prepared: 01/17/25 Analyzed: 01/17/25		
Chloride	17700	200	250	16600	424	80-120	7.38	20	M4

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



Definitions and Notes

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	01/22/25 12:26

- 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.



Project Information

Chain of Custody

Page 1 of 1

Client: Devon Energy Production Co LP				Bill To		Lab Use Only		TAT				EPA Program				
Project: FLAGLER 8 CTB 1				Attention: Jim Raley		Lab WO#		Job Number		1D	2D	3D	Standard	CWA	SDWA	
Project Manager: Erick Herrera				Address: 5315 Buena Vista Dr.		ES01100		01058-0007					5 day TAT			
Address: 13000 W County Rd 100				City, State, Zip: Carlsbad, NM, 88220		Analysis and Method									RCRA	
City, State, Zip: Odessa, TX, 79765				Phone: 575-885-7502												
Phone: 432-305-36414				Email: jim.raley@devn.com												
Email: Devon-team@etechnv.com				WO: 21480746												
				Incident ID: nAPP2500825819												
Collected by: Edyte Konan																
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Depth(ft.)	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	GDOC TX	Remarks		
10:00	01.15.25	S	1	PH01	1	0.5'						X				
10:10	01.15.25	S	1	PH01	2	1'						X				
10:20	01.15.25	S	1	PH02	3	0.5'						X				
10:30	01.15.25	S	1	PH02	4	1'						X				
10:40	01.15.25	S	1	PH03	5	0.5'						X				
10:50	01.15.25	S	1	PH03	6	1'						X				
11:00	01.15.25	S	1	PH04	7	0.5'						X				
11:10	01.15.25	S	1	PH04	8	1'						X				
11:20	01.15.25	S	1	PH05	9	0.5'						X				
11:30	01.15.25	S	1	PH05	10	1'						X				

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: EK

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)				Date	Time	Received by: (Signature)				Date	Time
<i>[Signature]</i>				01/16/25	8:30	<i>Michelle Gonzales</i>				1-16-25	0830
<i>Michelle Gonzales</i>				1-16-25	1520	<i>[Signature]</i>				1-16-25	1630
<i>[Signature]</i>				1-16-23	2236	<i>[Signature]</i>					

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.



envirotech

Envirotech Analytical Laboratory

Printed: 1/17/2025 10:26:22AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	01/17/25 08:15	Work Order ID:	E501100
Phone:	(575) 748-0176	Date Logged In:	01/16/25 13:31	Logged In By:	Caitlin Mars
Email:		Due Date:	01/23/25 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

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

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? No

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Erick Herrera



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: FLAGLER 8 CTB 1

Work Order: E501256

Job Number: 01058-0007

Received: 2/3/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/6/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.



Date Reported: 2/6/25

Erick Herrera
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: FLAGLER 8 CTB 1
Workorder: E501256
Date Received: 2/3/2025 7:15:00AM

Erick Herrera,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/3/2025 7:15:00AM, under the Project Name: FLAGLER 8 CTB 1.

The analytical test results summarized in this report with the Project Name: FLAGLER 8 CTB 1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

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

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Sample Summary

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Erick Herrera	02/06/25 10:37

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
PH01 2'	E501256-01A	Soil	01/30/25	02/03/25	Glass Jar, 2 oz.
PH02 2'	E501256-02A	Soil	01/30/25	02/03/25	Glass Jar, 2 oz.
PH03 2'	E501256-03A	Soil	01/30/25	02/03/25	Glass Jar, 2 oz.
PH04 2'	E501256-04A	Soil	01/30/25	02/03/25	Glass Jar, 2 oz.
PH05 2'	E501256-05A	Soil	01/30/25	02/03/25	Glass Jar, 2 oz.
PH06 0.5'	E501256-06A	Soil	01/30/25	02/03/25	Glass Jar, 2 oz.
PH06 1'	E501256-07A	Soil	01/30/25	02/03/25	Glass Jar, 2 oz.
PH06 2'	E501256-08A	Soil	01/30/25	02/03/25	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: FLAGLER 8 CTB 1 Project Number: 01058-0007 Project Manager: Erick Herrera	Reported: 2/6/2025 10:37:49AM
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PH01 2'
E501256-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2506004	
Benzene	ND	0.0250	1	02/03/25	02/05/25	
Ethylbenzene	ND	0.0250	1	02/03/25	02/05/25	
Toluene	ND	0.0250	1	02/03/25	02/05/25	
o-Xylene	ND	0.0250	1	02/03/25	02/05/25	
p,m-Xylene	ND	0.0500	1	02/03/25	02/05/25	
Total Xylenes	ND	0.0250	1	02/03/25	02/05/25	
Surrogate: 4-Bromochlorobenzene-PID	86.2 %	70-130		02/03/25	02/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2506004	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/03/25	02/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID	93.2 %	70-130		02/03/25	02/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2506022	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/03/25	02/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/03/25	02/04/25	
Surrogate: n-Nonane	96.2 %	61-141		02/03/25	02/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2506019	
Chloride	544	100	5	02/03/25	02/04/25	

Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Erick Herrera

Reported:
2/6/2025 10:37:49AM

PH02 2'

E501256-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2506004	
Benzene	ND	0.0250	1	02/03/25	02/05/25	
Ethylbenzene	ND	0.0250	1	02/03/25	02/05/25	
Toluene	ND	0.0250	1	02/03/25	02/05/25	
o-Xylene	ND	0.0250	1	02/03/25	02/05/25	
p,m-Xylene	ND	0.0500	1	02/03/25	02/05/25	
Total Xylenes	ND	0.0250	1	02/03/25	02/05/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.7 %	70-130		02/03/25	02/05/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2506004	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/03/25	02/05/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.1 %	70-130		02/03/25	02/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2506022	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/03/25	02/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/03/25	02/04/25	
<i>Surrogate: n-Nonane</i>						
	91.8 %	61-141		02/03/25	02/04/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2506019	
Chloride	368	100	5	02/03/25	02/04/25	



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Erick Herrera

Reported:
2/6/2025 10:37:49AM

PH03 2'

E501256-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2506004	
Benzene	ND	0.0250	1	02/03/25	02/05/25	
Ethylbenzene	ND	0.0250	1	02/03/25	02/05/25	
Toluene	ND	0.0250	1	02/03/25	02/05/25	
o-Xylene	ND	0.0250	1	02/03/25	02/05/25	
p,m-Xylene	ND	0.0500	1	02/03/25	02/05/25	
Total Xylenes	ND	0.0250	1	02/03/25	02/05/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.3 %	70-130		02/03/25	02/05/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2506004	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/03/25	02/05/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.8 %	70-130		02/03/25	02/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2506022	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/03/25	02/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/03/25	02/04/25	
<i>Surrogate: n-Nonane</i>						
	87.6 %	61-141		02/03/25	02/04/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2506019	
Chloride	404	40.0	2	02/03/25	02/04/25	



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Erick Herrera

Reported:
2/6/2025 10:37:49AM

PH04 2'

E501256-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2506004	
Benzene	ND	0.0250	1	02/03/25	02/05/25	
Ethylbenzene	ND	0.0250	1	02/03/25	02/05/25	
Toluene	ND	0.0250	1	02/03/25	02/05/25	
o-Xylene	ND	0.0250	1	02/03/25	02/05/25	
p,m-Xylene	ND	0.0500	1	02/03/25	02/05/25	
Total Xylenes	ND	0.0250	1	02/03/25	02/05/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.5 %	70-130		02/03/25	02/05/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2506004	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/03/25	02/05/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.1 %	70-130		02/03/25	02/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2506022	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/03/25	02/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/03/25	02/04/25	
<i>Surrogate: n-Nonane</i>						
	94.5 %	61-141		02/03/25	02/04/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2506019	
Chloride	339	20.0	1	02/03/25	02/04/25	



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Erick Herrera

Reported:
2/6/2025 10:37:49AM

PH05 2'

E501256-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2506004	
Benzene	ND	0.0250	1	02/03/25	02/05/25	
Ethylbenzene	ND	0.0250	1	02/03/25	02/05/25	
Toluene	ND	0.0250	1	02/03/25	02/05/25	
o-Xylene	ND	0.0250	1	02/03/25	02/05/25	
p,m-Xylene	ND	0.0500	1	02/03/25	02/05/25	
Total Xylenes	ND	0.0250	1	02/03/25	02/05/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.8 %	70-130		02/03/25	02/05/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2506004	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/03/25	02/05/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.0 %	70-130		02/03/25	02/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2506022	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/03/25	02/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/03/25	02/04/25	
<i>Surrogate: n-Nonane</i>						
	81.4 %	61-141		02/03/25	02/04/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2506019	
Chloride	336	20.0	1	02/03/25	02/04/25	



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Erick Herrera

Reported:
2/6/2025 10:37:49AM

PH06 0.5'

E501256-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2506004	
Benzene	ND	0.0250	1	02/03/25	02/05/25	
Ethylbenzene	ND	0.0250	1	02/03/25	02/05/25	
Toluene	ND	0.0250	1	02/03/25	02/05/25	
o-Xylene	ND	0.0250	1	02/03/25	02/05/25	
p,m-Xylene	ND	0.0500	1	02/03/25	02/05/25	
Total Xylenes	ND	0.0250	1	02/03/25	02/05/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	86.1 %	70-130		02/03/25	02/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2506004	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/03/25	02/05/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	93.5 %	70-130		02/03/25	02/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2506022	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/03/25	02/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/03/25	02/04/25	
<i>Surrogate: n-Nonane</i>	92.8 %	61-141		02/03/25	02/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2506019	
Chloride	18600	400	20	02/03/25	02/04/25	



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Erick Herrera

Reported:
2/6/2025 10:37:49AM

PH06 1'

E501256-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2506004	
Benzene	ND	0.0250	1	02/03/25	02/05/25	
Ethylbenzene	ND	0.0250	1	02/03/25	02/05/25	
Toluene	ND	0.0250	1	02/03/25	02/05/25	
o-Xylene	ND	0.0250	1	02/03/25	02/05/25	
p,m-Xylene	ND	0.0500	1	02/03/25	02/05/25	
Total Xylenes	ND	0.0250	1	02/03/25	02/05/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.5 %	70-130		02/03/25	02/05/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2506004	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/03/25	02/05/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.0 %	70-130		02/03/25	02/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2506022	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/03/25	02/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/03/25	02/04/25	
<i>Surrogate: n-Nonane</i>						
	82.2 %	61-141		02/03/25	02/04/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2506019	
Chloride	2070	40.0	2	02/03/25	02/04/25	



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Erick Herrera

Reported:
2/6/2025 10:37:49AM

PH06 2'

E501256-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2506004	
Benzene	ND	0.0250	1	02/03/25	02/05/25	
Ethylbenzene	ND	0.0250	1	02/03/25	02/05/25	
Toluene	ND	0.0250	1	02/03/25	02/05/25	
o-Xylene	ND	0.0250	1	02/03/25	02/05/25	
p,m-Xylene	ND	0.0500	1	02/03/25	02/05/25	
Total Xylenes	ND	0.0250	1	02/03/25	02/05/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.3 %	70-130		02/03/25	02/05/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2506004	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/03/25	02/05/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.8 %	70-130		02/03/25	02/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2506022	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/03/25	02/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/03/25	02/04/25	
<i>Surrogate: n-Nonane</i>						
	86.5 %	61-141		02/03/25	02/04/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2506019	
Chloride	137	20.0	1	02/03/25	02/04/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Erick Herrera	2/6/2025 10:37:49AM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2506004-BLK1)

Prepared: 02/03/25 Analyzed: 02/04/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.00		8.00		87.5	70-130			

LCS (2506004-BS1)

Prepared: 02/03/25 Analyzed: 02/04/25

Benzene	5.05	0.0250	5.00		101	70-130			
Ethylbenzene	4.83	0.0250	5.00		96.6	70-130			
Toluene	4.95	0.0250	5.00		99.0	70-130			
o-Xylene	4.82	0.0250	5.00		96.4	70-130			
p,m-Xylene	9.80	0.0500	10.0		98.0	70-130			
Total Xylenes	14.6	0.0250	15.0		97.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.08		8.00		88.5	70-130			

Matrix Spike (2506004-MS1)

Source: E501257-02

Prepared: 02/03/25 Analyzed: 02/04/25

Benzene	4.96	0.0250	5.00	ND	99.2	54-133			
Ethylbenzene	4.74	0.0250	5.00	ND	94.9	61-133			
Toluene	4.87	0.0250	5.00	ND	97.3	61-130			
o-Xylene	4.75	0.0250	5.00	ND	94.9	63-131			
p,m-Xylene	9.64	0.0500	10.0	ND	96.4	63-131			
Total Xylenes	14.4	0.0250	15.0	ND	95.9	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.10		8.00		88.8	70-130			

Matrix Spike Dup (2506004-MSD1)

Source: E501257-02

Prepared: 02/03/25 Analyzed: 02/04/25

Benzene	5.09	0.0250	5.00	ND	102	54-133	2.68	20	
Ethylbenzene	4.88	0.0250	5.00	ND	97.5	61-133	2.73	20	
Toluene	5.00	0.0250	5.00	ND	99.9	61-130	2.59	20	
o-Xylene	4.86	0.0250	5.00	ND	97.3	63-131	2.49	20	
p,m-Xylene	9.89	0.0500	10.0	ND	98.9	63-131	2.54	20	
Total Xylenes	14.8	0.0250	15.0	ND	98.4	63-131	2.53	20	
Surrogate: 4-Bromochlorobenzene-PID	7.23		8.00		90.3	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Erick Herrera	2/6/2025 10:37:49AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2506004-BLK1) Prepared: 02/03/25 Analyzed: 02/04/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.53		8.00		94.2	70-130			

LCS (2506004-BS2) Prepared: 02/03/25 Analyzed: 02/04/25

Gasoline Range Organics (C6-C10)	40.4	20.0	50.0		80.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.67		8.00		95.8	70-130			

Matrix Spike (2506004-MS2) Source: E501257-02 Prepared: 02/03/25 Analyzed: 02/04/25

Gasoline Range Organics (C6-C10)	39.4	20.0	50.0	ND	78.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.54		8.00		94.2	70-130			

Matrix Spike Dup (2506004-MSD2) Source: E501257-02 Prepared: 02/03/25 Analyzed: 02/04/25

Gasoline Range Organics (C6-C10)	40.2	20.0	50.0	ND	80.5	70-130	2.08	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.57		8.00		94.6	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Erick Herrera	2/6/2025 10:37:49AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2506022-BLK1)					Prepared: 02/03/25 Analyzed: 02/04/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.5		50.0		101	61-141			

LCS (2506022-BS1)					Prepared: 02/03/25 Analyzed: 02/04/25				
Diesel Range Organics (C10-C28)	264	25.0	250		105	66-144			
Surrogate: n-Nonane	49.9		50.0		99.9	61-141			

Matrix Spike (2506022-MS1)					Source: E501255-05		Prepared: 02/03/25 Analyzed: 02/04/25		
Diesel Range Organics (C10-C28)	261	25.0	250	ND	104	56-156			
Surrogate: n-Nonane	50.1		50.0		100	61-141			

Matrix Spike Dup (2506022-MSD1)					Source: E501255-05		Prepared: 02/03/25 Analyzed: 02/04/25		
Diesel Range Organics (C10-C28)	257	25.0	250	ND	103	56-156	1.47	20	
Surrogate: n-Nonane	49.8		50.0		99.7	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Erick Herrera	2/6/2025 10:37:49AM

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (2506019-BLK1)					Prepared: 02/03/25 Analyzed: 02/03/25				
Chloride	ND	20.0							
LCS (2506019-BS1)					Prepared: 02/03/25 Analyzed: 02/03/25				
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2506019-MS1)					Source: E501256-06		Prepared: 02/03/25 Analyzed: 02/04/25		
Chloride	21400	400	250	18600	NR	80-120			M4
Matrix Spike Dup (2506019-MSD1)					Source: E501256-06		Prepared: 02/03/25 Analyzed: 02/04/25		
Chloride	20700	400	250	18600	847	80-120	2.98	20	M4

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



Definitions and Notes

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	02/06/25 10:37

- 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.



Project Information

Chain of Custody

Page 1 of 1

Client: Devon Energy Production Co LP				Bill To		Lab Use Only		TAT			EPA Program					
Project: FLAGLER & CTR 1				Attention: Jim Raley		Lab WOH: ES01256		Job Number: 010581007		1D	2D	3D	Standard	CWA	SDWA	
Project Manager: Erick Herrera				Address: 5315 Buena Vista Dr.		City, State, Zip: Carlsbad, NM, 88220		Analysis and Method		1 Day TAT			RCRA			
Address: 13000 W County Rd 100				Phone: 575-885-7502		Email: jim.raley@devn.com		Incident ID: nAPP2500825819		State			TX			
City, State, Zip: Odessa, TX, 79765				WO: 21480746						NM			CO	UT	AZ	TX
Phone: 432-405-6414																
Email: Devon.team@etechnv.com																
Collected by: Edye Konan																
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Depth	TPH (GRO/DISO/3000/5015)	BTEX by 2021	VOC by 8260	Metals 6010	Chloride 300.0	SGDOC NM	TX	Remarks		
12:00	01/30/25	S	1	PH01	1	2'						X				
12:10	01/30/25	S	1	PH02	2	2'						X				
12:20	01/30/25	S	1	PH03	3	2'						X				
12:30	01/30/25	S	1	PH04	4	2'						X				
12:40	01/30/25	S	1	PH05	5	2'						X				
12:50	01/30/25	S	1	PH06	6	0.5'						X				
13:00	01/30/25	S	1	PH06	7	1'						X				
13:10	01/30/25	S	1	PH06	8	2'						X				
				01/30/25												
Additional Instructions:																
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: IK																
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 5 °C on subsequent days																
Relinquished by (Signature)		Date	Time	Received by (Signature)		Date	Time	Lab Use Only		Received on ice: Y N						
Michelle Gonzales		01/30/25	18:00	Michelle Gonzales		01/30/25	1800									
Michelle Gonzales		01/31/25	1600	Michelle Gonzales		01/31/25	1700									
Michelle Gonzales		01/31/25	2400	Michelle Gonzales		01/31/25	2115									
Sample Matrix: S - Soil, SD - Solid, SG - Sludge, A - Aqueous, O - Other																
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																



envirotech

Envirotech Analytical Laboratory

Printed: 2/3/2025 8:02:10AM

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:	02/03/25 07:15	Work Order ID:	E501256
Phone:	(575) 748-0176	Date Logged In:	01/31/25 15:54	Logged In By:	Caitlin Mars
Email:		Due Date:	02/07/25 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

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

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Erick Herrera



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: FLAGLER 8 CTB 1

Work Order: E501255

Job Number: 01058-0007

Received: 2/3/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/6/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 2/6/25



Erick Herrera
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: FLAGLER 8 CTB 1
Workorder: E501255
Date Received: 2/3/2025 7:15:00AM

Erick Herrera,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/3/2025 7:15:00AM, under the Project Name: FLAGLER 8 CTB 1.

The analytical test results summarized in this report with the Project Name: FLAGLER 8 CTB 1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
Laboratory Director
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Cell: 775-287-1762
whinchman@envirotech-inc.com

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Laboratory Administrator
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Sample Summary

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Erick Herrera	02/06/25 07:30

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
PH07 0.5'	E501255-01A	Soil	01/30/25	02/03/25	Glass Jar, 2 oz.
PH08 0.5'	E501255-02A	Soil	01/30/25	02/03/25	Glass Jar, 2 oz.
PH09 0.5'	E501255-03A	Soil	01/30/25	02/03/25	Glass Jar, 2 oz.
PH10 0.5'	E501255-04A	Soil	01/30/25	02/03/25	Glass Jar, 2 oz.
PH11 0.5'	E501255-05A	Soil	01/30/25	02/03/25	Glass Jar, 2 oz.
PH12 0.5'	E501255-06A	Soil	01/30/25	02/03/25	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: FLAGLER 8 CTB 1 Project Number: 01058-0007 Project Manager: Erick Herrera	Reported: 2/6/2025 7:30:04AM
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PH07 0.5'

E501255-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2506003	
Benzene	ND	0.0250	1	02/03/25	02/04/25	
Ethylbenzene	ND	0.0250	1	02/03/25	02/04/25	
Toluene	ND	0.0250	1	02/03/25	02/04/25	
o-Xylene	ND	0.0250	1	02/03/25	02/04/25	
p,m-Xylene	ND	0.0500	1	02/03/25	02/04/25	
Total Xylenes	ND	0.0250	1	02/03/25	02/04/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	88.6 %	70-130		02/03/25	02/04/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2506003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/03/25	02/04/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	92.2 %	70-130		02/03/25	02/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2506022	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/03/25	02/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/03/25	02/04/25	
<i>Surrogate: n-Nonane</i>	101 %	61-141		02/03/25	02/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2506010	
Chloride	156	20.0	1	02/03/25	02/03/25	



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Erick Herrera

Reported:
2/6/2025 7:30:04AM

PH08 0.5'

E501255-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2506003	
Benzene	ND	0.0250	1	02/03/25	02/04/25	
Ethylbenzene	ND	0.0250	1	02/03/25	02/04/25	
Toluene	ND	0.0250	1	02/03/25	02/04/25	
o-Xylene	ND	0.0250	1	02/03/25	02/04/25	
p,m-Xylene	ND	0.0500	1	02/03/25	02/04/25	
Total Xylenes	ND	0.0250	1	02/03/25	02/04/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.8 %	70-130		02/03/25	02/04/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2506003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/03/25	02/04/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.4 %	70-130		02/03/25	02/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2506022	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/03/25	02/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/03/25	02/04/25	
<i>Surrogate: n-Nonane</i>						
	91.4 %	61-141		02/03/25	02/04/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2506010	
Chloride	209	20.0	1	02/03/25	02/03/25	



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Erick Herrera

Reported:
2/6/2025 7:30:04AM

PH09 0.5'

E501255-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2506003	
Benzene	ND	0.0250	1	02/03/25	02/04/25	
Ethylbenzene	ND	0.0250	1	02/03/25	02/04/25	
Toluene	ND	0.0250	1	02/03/25	02/04/25	
o-Xylene	ND	0.0250	1	02/03/25	02/04/25	
p,m-Xylene	ND	0.0500	1	02/03/25	02/04/25	
Total Xylenes	ND	0.0250	1	02/03/25	02/04/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.9 %	70-130		02/03/25	02/04/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2506003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/03/25	02/04/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.1 %	70-130		02/03/25	02/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2506022	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/03/25	02/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/03/25	02/04/25	
<i>Surrogate: n-Nonane</i>						
	97.5 %	61-141		02/03/25	02/04/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2506010	
Chloride	158	20.0	1	02/03/25	02/03/25	



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Erick Herrera

Reported:
2/6/2025 7:30:04AM

PH10 0.5'

E501255-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2506003	
Benzene	ND	0.0250	1	02/03/25	02/04/25	
Ethylbenzene	ND	0.0250	1	02/03/25	02/04/25	
Toluene	ND	0.0250	1	02/03/25	02/04/25	
o-Xylene	ND	0.0250	1	02/03/25	02/04/25	
p,m-Xylene	ND	0.0500	1	02/03/25	02/04/25	
Total Xylenes	ND	0.0250	1	02/03/25	02/04/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.9 %	70-130		02/03/25	02/04/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2506003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/03/25	02/04/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.0 %	70-130		02/03/25	02/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2506022	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/03/25	02/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/03/25	02/04/25	
<i>Surrogate: n-Nonane</i>						
	98.7 %	61-141		02/03/25	02/04/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2506010	
Chloride	80.7	20.0	1	02/03/25	02/03/25	



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Erick Herrera

Reported:
2/6/2025 7:30:04AM

PH11 0.5'

E501255-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2506003	
Benzene	ND	0.0250	1	02/03/25	02/04/25	
Ethylbenzene	ND	0.0250	1	02/03/25	02/04/25	
Toluene	ND	0.0250	1	02/03/25	02/04/25	
o-Xylene	ND	0.0250	1	02/03/25	02/04/25	
p,m-Xylene	ND	0.0500	1	02/03/25	02/04/25	
Total Xylenes	ND	0.0250	1	02/03/25	02/04/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.0 %	70-130		02/03/25	02/04/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2506003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/03/25	02/04/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.1 %	70-130		02/03/25	02/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2506022	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/03/25	02/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/03/25	02/04/25	
<i>Surrogate: n-Nonane</i>						
	101 %	61-141		02/03/25	02/04/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2506010	
Chloride	196	20.0	1	02/03/25	02/03/25	



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Erick Herrera

Reported:
2/6/2025 7:30:04AM

PH12 0.5'

E501255-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2506003	
Benzene	ND	0.0250	1	02/03/25	02/04/25	
Ethylbenzene	ND	0.0250	1	02/03/25	02/04/25	
Toluene	ND	0.0250	1	02/03/25	02/04/25	
o-Xylene	ND	0.0250	1	02/03/25	02/04/25	
p,m-Xylene	ND	0.0500	1	02/03/25	02/04/25	
Total Xylenes	ND	0.0250	1	02/03/25	02/04/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.5 %	70-130		02/03/25	02/04/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2506003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/03/25	02/04/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.3 %	70-130		02/03/25	02/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2506022	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/03/25	02/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/03/25	02/04/25	
<i>Surrogate: n-Nonane</i>						
	102 %	61-141		02/03/25	02/04/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2506010	
Chloride	428	40.0	2	02/03/25	02/03/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Erick Herrera	2/6/2025 7:30:04AM

Volatile Organics by EPA 8021B

Analyst: SL

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

Blank (2506003-BLK1) Prepared: 02/03/25 Analyzed: 02/04/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.93		8.00		86.6	70-130			

LCS (2506003-BS1) Prepared: 02/03/25 Analyzed: 02/04/25

Benzene	4.26	0.0250	5.00		85.1	70-130			
Ethylbenzene	4.26	0.0250	5.00		85.3	70-130			
Toluene	4.33	0.0250	5.00		86.6	70-130			
o-Xylene	4.33	0.0250	5.00		86.6	70-130			
p,m-Xylene	8.67	0.0500	10.0		86.7	70-130			
Total Xylenes	13.0	0.0250	15.0		86.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.93		8.00		86.6	70-130			

Matrix Spike (2506003-MS1) Source: E501254-01 Prepared: 02/03/25 Analyzed: 02/04/25

Benzene	4.33	0.0250	5.00	ND	86.7	54-133			
Ethylbenzene	4.35	0.0250	5.00	ND	87.0	61-133			
Toluene	4.41	0.0250	5.00	ND	88.3	61-130			
o-Xylene	4.37	0.0250	5.00	ND	87.4	63-131			
p,m-Xylene	8.84	0.0500	10.0	ND	88.4	63-131			
Total Xylenes	13.2	0.0250	15.0	ND	88.1	63-131			
Surrogate: 4-Bromochlorobenzene-PID	6.92		8.00		86.6	70-130			

Matrix Spike Dup (2506003-MSD1) Source: E501254-01 Prepared: 02/03/25 Analyzed: 02/04/25

Benzene	4.18	0.0250	5.00	ND	83.5	54-133	3.72	20	
Ethylbenzene	4.21	0.0250	5.00	ND	84.1	61-133	3.38	20	
Toluene	4.26	0.0250	5.00	ND	85.1	61-130	3.63	20	
o-Xylene	4.23	0.0250	5.00	ND	84.7	63-131	3.21	20	
p,m-Xylene	8.55	0.0500	10.0	ND	85.5	63-131	3.30	20	
Total Xylenes	12.8	0.0250	15.0	ND	85.3	63-131	3.27	20	
Surrogate: 4-Bromochlorobenzene-PID	6.84		8.00		85.5	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Erick Herrera	2/6/2025 7:30:04AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2506003-BLK1) Prepared: 02/03/25 Analyzed: 02/04/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.60		8.00		95.0	70-130			

LCS (2506003-BS2) Prepared: 02/03/25 Analyzed: 02/04/25

Gasoline Range Organics (C6-C10)	41.0	20.0	50.0		82.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.66		8.00		95.8	70-130			

Matrix Spike (2506003-MS2) Source: E501254-01 Prepared: 02/03/25 Analyzed: 02/04/25

Gasoline Range Organics (C6-C10)	39.3	20.0	50.0	ND	78.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.65		8.00		95.6	70-130			

Matrix Spike Dup (2506003-MSD2) Source: E501254-01 Prepared: 02/03/25 Analyzed: 02/04/25

Gasoline Range Organics (C6-C10)	40.4	20.0	50.0	ND	80.7	70-130	2.56	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.73		8.00		96.6	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Erick Herrera	2/6/2025 7:30:04AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2506022-BLK1)					Prepared: 02/03/25 Analyzed: 02/04/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.5		50.0		101	61-141			

LCS (2506022-BS1)					Prepared: 02/03/25 Analyzed: 02/04/25				
Diesel Range Organics (C10-C28)	264	25.0	250		105	66-144			
Surrogate: n-Nonane	49.9		50.0		99.9	61-141			

Matrix Spike (2506022-MS1)					Source: E501255-05		Prepared: 02/03/25 Analyzed: 02/04/25		
Diesel Range Organics (C10-C28)	261	25.0	250	ND	104	56-156			
Surrogate: n-Nonane	50.1		50.0		100	61-141			

Matrix Spike Dup (2506022-MSD1)					Source: E501255-05		Prepared: 02/03/25 Analyzed: 02/04/25		
Diesel Range Organics (C10-C28)	257	25.0	250	ND	103	56-156	1.47	20	
Surrogate: n-Nonane	49.8		50.0		99.7	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Erick Herrera	2/6/2025 7:30:04AM

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (2506010-BLK1)					Prepared: 02/03/25 Analyzed: 02/03/25				
Chloride	ND	20.0							
LCS (2506010-BS1)					Prepared: 02/03/25 Analyzed: 02/03/25				
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2506010-MS1)					Source: E501253-03		Prepared: 02/03/25 Analyzed: 02/03/25		
Chloride	253	20.0	250	ND	101	80-120			
Matrix Spike Dup (2506010-MSD1)					Source: E501253-03		Prepared: 02/03/25 Analyzed: 02/03/25		
Chloride	253	20.0	250	ND	101	80-120	0.148	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:	FLAGLER 8 CTB 1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	02/06/25 07:30

- 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.

Project Information

Chain of Custody

Page 1 of 1

Client: Devon Energy Production Co LP				Bill To		Lab Use Only		TAT				EPA Program			
Project: FLAGLER 8 CTB 1				Attention: Jim Raley		Lab WO# <u>2001255</u>		Job Number <u>1056.0007</u>		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Erick Herrera				Address: 5315 Buena Vista Dr.									5 day		
Address: 13000 W County Rd 100				City, State, Zip: Carlsbad, NM, 88220										RCRA	
City, State, Zip: Odessa, TX, 79765				Phone: 575-885-7502											
Phone: 432-305-6414				Email: jim.raley@devn.com											
Email: Devon-team@etechnv.com				WO: 21179750											
Incident ID: nAPP2500825819															
Collected by: Edyte Konan															
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Depth (ft)	TPH GAO/GAO/GAO/GAO	BTX by GC/MS	VOA by GC/MS	Metals 6010	Chloride 300.0	BGDOC NM	GDOD TX	State	
														NM	CO
														UT	AZ
														TX	
														Remarks	
13:20	01/30/25	S	1	PH07	1	0.5'						X			
13:30	01/30/25	S	1	PH08	2	0.5'						X			
13:40	01/30/25	S	1	PH09	3	0.5'						X			
13:50	01/30/25	S	1	PH10	4	0.5'						X			
14:00	01/30/25	S	1	PH11	5	0.5'						X			
14:10	01/30/25	S	1	PH12	6	0.5'						X			
01/30/25															
Additional Instructions:															
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: <u>EX</u>															
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)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only									
<u>[Signature]</u>	01/30/25	18:00	<u>Michelle Gonzalez</u>	1-30-25	1800	Received on ice: <u>(X)</u> N									
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	T1 T2 T3									
<u>Michelle Gonzalez</u>	1-31-25	1600	<u>[Signature]</u>	1-31-25	1700										
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	AVG Temp °C <u>7</u>									
<u>[Signature]</u>	1-31-25	2400	<u>[Signature]</u>	2-3-25	715										
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other						Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA									
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.															


envirotech

Envirotech Analytical Laboratory

Printed: 2/3/2025 7:59:50AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	02/03/25 07:15	Work Order ID:	E501255
Phone:	(575) 748-0176	Date Logged In:	01/31/25 15:50	Logged In By:	Caitlin Mars
Email:		Due Date:	02/07/25 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

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

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

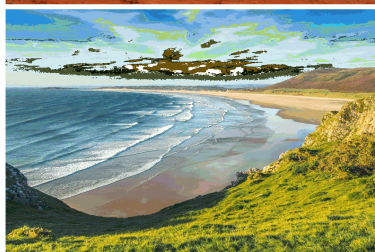
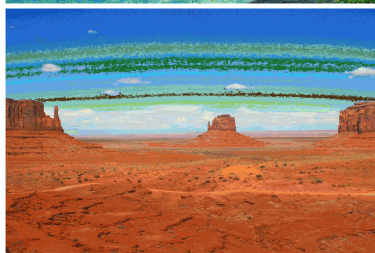
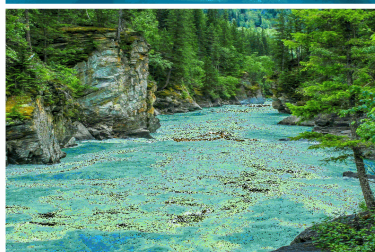
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Anna Byers



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: FLAGLER 8 CTB 1

Work Order: E502276

Job Number: 01058-0007

Received: 2/27/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/4/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.



Date Reported: 3/4/25

Anna Byers
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: FLAGLER 8 CTB 1
Workorder: E502276
Date Received: 2/27/2025 4:30:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/27/2025 4:30:00AM, under the Project Name: FLAGLER 8 CTB 1.

The analytical test results summarized in this report with the Project Name: FLAGLER 8 CTB 1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
Laboratory Director
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Cell: 775-287-1762
whinchman@envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: FLAGLER 8 CTB 1 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 03/04/25 08:52
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
PH07 1'	E502276-01A	Soil	02/25/25	02/27/25	Glass Jar, 2 oz.
PH07 2'	E502276-02A	Soil	02/25/25	02/27/25	Glass Jar, 2 oz.
PH08 1'	E502276-03A	Soil	02/25/25	02/27/25	Glass Jar, 2 oz.
PH08 2'	E502276-04A	Soil	02/25/25	02/27/25	Glass Jar, 2 oz.
PH09 1'	E502276-05A	Soil	02/25/25	02/27/25	Glass Jar, 2 oz.
PH09 2'	E502276-06A	Soil	02/25/25	02/27/25	Glass Jar, 2 oz.
PH10 1'	E502276-07A	Soil	02/25/25	02/27/25	Glass Jar, 2 oz.
PH10 2'	E502276-08A	Soil	02/25/25	02/27/25	Glass Jar, 2 oz.
PH11 1'	E502276-09A	Soil	02/25/25	02/27/25	Glass Jar, 2 oz.
PH11 2'	E502276-10A	Soil	02/25/25	02/27/25	Glass Jar, 2 oz.
PH12 1'	E502276-11A	Soil	02/25/25	02/27/25	Glass Jar, 2 oz.
PH12 2'	E502276-12A	Soil	02/25/25	02/27/25	Glass Jar, 2 oz.
PH13 0.5'	E502276-13A	Soil	02/25/25	02/27/25	Glass Jar, 2 oz.
PH13 1'	E502276-14A	Soil	02/25/25	02/27/25	Glass Jar, 2 oz.
PH13 2'	E502276-15A	Soil	02/25/25	02/27/25	Glass Jar, 2 oz.
PH14 0.5'	E502276-16A	Soil	02/25/25	02/27/25	Glass Jar, 2 oz.
PH14 1'	E502276-17A	Soil	02/25/25	02/27/25	Glass Jar, 2 oz.
PH14 2'	E502276-18A	Soil	02/25/25	02/27/25	Glass Jar, 2 oz.



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
3/4/2025 8:52:29AM

PH07 1'

E502276-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2509106	
Benzene	ND	0.0250	1	02/27/25	02/27/25	
Ethylbenzene	ND	0.0250	1	02/27/25	02/27/25	
Toluene	ND	0.0250	1	02/27/25	02/27/25	
o-Xylene	ND	0.0250	1	02/27/25	02/27/25	
p,m-Xylene	ND	0.0500	1	02/27/25	02/27/25	
Total Xylenes	ND	0.0250	1	02/27/25	02/27/25	
<i>Surrogate: Bromofluorobenzene</i>		105 %	70-130	02/27/25	02/27/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	02/27/25	02/27/25	
<i>Surrogate: Toluene-d8</i>		104 %	70-130	02/27/25	02/27/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2509106	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/25	02/27/25	
<i>Surrogate: Bromofluorobenzene</i>		105 %	70-130	02/27/25	02/27/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	02/27/25	02/27/25	
<i>Surrogate: Toluene-d8</i>		104 %	70-130	02/27/25	02/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2509098	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/27/25	02/27/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/27/25	02/27/25	
<i>Surrogate: n-Nonane</i>		110 %	61-141	02/27/25	02/27/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2509105	
Chloride	ND	20.0	1	02/27/25	02/27/25	



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
3/4/2025 8:52:29AM

PH07 2'

E502276-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2509106
Benzene	ND	0.0250	1	02/27/25	02/27/25	
Ethylbenzene	ND	0.0250	1	02/27/25	02/27/25	
Toluene	ND	0.0250	1	02/27/25	02/27/25	
o-Xylene	ND	0.0250	1	02/27/25	02/27/25	
p,m-Xylene	ND	0.0500	1	02/27/25	02/27/25	
Total Xylenes	ND	0.0250	1	02/27/25	02/27/25	
Surrogate: Bromofluorobenzene		104 %	70-130	02/27/25	02/27/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	02/27/25	02/27/25	
Surrogate: Toluene-d8		103 %	70-130	02/27/25	02/27/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2509106
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/25	02/27/25	
Surrogate: Bromofluorobenzene		104 %	70-130	02/27/25	02/27/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	02/27/25	02/27/25	
Surrogate: Toluene-d8		103 %	70-130	02/27/25	02/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2509098
Diesel Range Organics (C10-C28)	ND	25.0	1	02/27/25	02/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/27/25	02/28/25	
Surrogate: n-Nonane		110 %	61-141	02/27/25	02/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2509105
Chloride	ND	20.0	1	02/27/25	02/27/25	



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
3/4/2025 8:52:29AM

PH08 1'

E502276-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2509106
Benzene	ND	0.0250	1	02/27/25	02/27/25	
Ethylbenzene	ND	0.0250	1	02/27/25	02/27/25	
Toluene	ND	0.0250	1	02/27/25	02/27/25	
o-Xylene	ND	0.0250	1	02/27/25	02/27/25	
p,m-Xylene	ND	0.0500	1	02/27/25	02/27/25	
Total Xylenes	ND	0.0250	1	02/27/25	02/27/25	
Surrogate: Bromofluorobenzene		102 %	70-130	02/27/25	02/27/25	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	02/27/25	02/27/25	
Surrogate: Toluene-d8		103 %	70-130	02/27/25	02/27/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2509106
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/25	02/27/25	
Surrogate: Bromofluorobenzene		102 %	70-130	02/27/25	02/27/25	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	02/27/25	02/27/25	
Surrogate: Toluene-d8		103 %	70-130	02/27/25	02/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2509098
Diesel Range Organics (C10-C28)	ND	25.0	1	02/27/25	02/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/27/25	02/28/25	
Surrogate: n-Nonane		110 %	61-141	02/27/25	02/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2509105
Chloride	ND	20.0	1	02/27/25	02/27/25	



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
3/4/2025 8:52:29AM

PH08 2'

E502276-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2509106
Benzene	ND	0.0250	1	02/27/25	02/27/25	
Ethylbenzene	ND	0.0250	1	02/27/25	02/27/25	
Toluene	ND	0.0250	1	02/27/25	02/27/25	
o-Xylene	ND	0.0250	1	02/27/25	02/27/25	
p,m-Xylene	ND	0.0500	1	02/27/25	02/27/25	
Total Xylenes	ND	0.0250	1	02/27/25	02/27/25	
Surrogate: Bromofluorobenzene		103 %	70-130	02/27/25	02/27/25	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130	02/27/25	02/27/25	
Surrogate: Toluene-d8		101 %	70-130	02/27/25	02/27/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2509106
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/25	02/27/25	
Surrogate: Bromofluorobenzene		103 %	70-130	02/27/25	02/27/25	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130	02/27/25	02/27/25	
Surrogate: Toluene-d8		101 %	70-130	02/27/25	02/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2509098
Diesel Range Organics (C10-C28)	ND	25.0	1	02/27/25	02/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/27/25	02/28/25	
Surrogate: n-Nonane		106 %	61-141	02/27/25	02/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2509105
Chloride	ND	20.0	1	02/27/25	02/27/25	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: FLAGLER 8 CTB 1 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 3/4/2025 8:52:29AM
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PH09 1'

E502276-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2509106
Benzene	ND	0.0250	1	02/27/25	02/27/25	
Ethylbenzene	ND	0.0250	1	02/27/25	02/27/25	
Toluene	ND	0.0250	1	02/27/25	02/27/25	
o-Xylene	ND	0.0250	1	02/27/25	02/27/25	
p,m-Xylene	ND	0.0500	1	02/27/25	02/27/25	
Total Xylenes	ND	0.0250	1	02/27/25	02/27/25	
Surrogate: Bromofluorobenzene		102 %	70-130	02/27/25	02/27/25	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	02/27/25	02/27/25	
Surrogate: Toluene-d8		102 %	70-130	02/27/25	02/27/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2509106
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/25	02/27/25	
Surrogate: Bromofluorobenzene		102 %	70-130	02/27/25	02/27/25	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	02/27/25	02/27/25	
Surrogate: Toluene-d8		102 %	70-130	02/27/25	02/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2509098
Diesel Range Organics (C10-C28)	ND	25.0	1	02/27/25	02/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/27/25	02/28/25	
Surrogate: n-Nonane		109 %	61-141	02/27/25	02/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2509105
Chloride	ND	20.0	1	02/27/25	02/27/25	



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
3/4/2025 8:52:29AM

PH09 2'

E502276-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2509106
Benzene	ND	0.0250	1	02/27/25	02/27/25	
Ethylbenzene	ND	0.0250	1	02/27/25	02/27/25	
Toluene	ND	0.0250	1	02/27/25	02/27/25	
o-Xylene	ND	0.0250	1	02/27/25	02/27/25	
p,m-Xylene	ND	0.0500	1	02/27/25	02/27/25	
Total Xylenes	ND	0.0250	1	02/27/25	02/27/25	
Surrogate: Bromofluorobenzene		102 %	70-130	02/27/25	02/27/25	
Surrogate: 1,2-Dichloroethane-d4		99.7 %	70-130	02/27/25	02/27/25	
Surrogate: Toluene-d8		102 %	70-130	02/27/25	02/27/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2509106
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/25	02/27/25	
Surrogate: Bromofluorobenzene		102 %	70-130	02/27/25	02/27/25	
Surrogate: 1,2-Dichloroethane-d4		99.7 %	70-130	02/27/25	02/27/25	
Surrogate: Toluene-d8		102 %	70-130	02/27/25	02/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2509098
Diesel Range Organics (C10-C28)	ND	25.0	1	02/27/25	02/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/27/25	02/28/25	
Surrogate: n-Nonane		106 %	61-141	02/27/25	02/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2509105
Chloride	ND	20.0	1	02/27/25	02/27/25	



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
3/4/2025 8:52:29AM

PH10 1'

E502276-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2509106
Benzene	ND	0.0250	1	02/27/25	02/27/25	
Ethylbenzene	ND	0.0250	1	02/27/25	02/27/25	
Toluene	ND	0.0250	1	02/27/25	02/27/25	
o-Xylene	ND	0.0250	1	02/27/25	02/27/25	
p,m-Xylene	ND	0.0500	1	02/27/25	02/27/25	
Total Xylenes	ND	0.0250	1	02/27/25	02/27/25	
Surrogate: Bromofluorobenzene		102 %	70-130	02/27/25	02/27/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	02/27/25	02/27/25	
Surrogate: Toluene-d8		104 %	70-130	02/27/25	02/27/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2509106
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/25	02/27/25	
Surrogate: Bromofluorobenzene		102 %	70-130	02/27/25	02/27/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	02/27/25	02/27/25	
Surrogate: Toluene-d8		104 %	70-130	02/27/25	02/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2509098
Diesel Range Organics (C10-C28)	ND	25.0	1	02/27/25	02/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/27/25	02/28/25	
Surrogate: n-Nonane		108 %	61-141	02/27/25	02/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2509105
Chloride	ND	20.0	1	02/27/25	02/27/25	



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
3/4/2025 8:52:29AM

PH10 2'

E502276-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2509106
Benzene	ND	0.0250	1	02/27/25	02/27/25	
Ethylbenzene	ND	0.0250	1	02/27/25	02/27/25	
Toluene	ND	0.0250	1	02/27/25	02/27/25	
o-Xylene	ND	0.0250	1	02/27/25	02/27/25	
p,m-Xylene	ND	0.0500	1	02/27/25	02/27/25	
Total Xylenes	ND	0.0250	1	02/27/25	02/27/25	
Surrogate: Bromofluorobenzene		102 %	70-130	02/27/25	02/27/25	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130	02/27/25	02/27/25	
Surrogate: Toluene-d8		102 %	70-130	02/27/25	02/27/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2509106
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/25	02/27/25	
Surrogate: Bromofluorobenzene		102 %	70-130	02/27/25	02/27/25	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130	02/27/25	02/27/25	
Surrogate: Toluene-d8		102 %	70-130	02/27/25	02/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2509098
Diesel Range Organics (C10-C28)	ND	25.0	1	02/27/25	02/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/27/25	02/28/25	
Surrogate: n-Nonane		107 %	61-141	02/27/25	02/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2509105
Chloride	ND	20.0	1	02/27/25	02/27/25	



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
3/4/2025 8:52:29AM

PH11 1'

E502276-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2509106
Benzene	ND	0.0250	1	02/27/25	02/27/25	
Ethylbenzene	ND	0.0250	1	02/27/25	02/27/25	
Toluene	ND	0.0250	1	02/27/25	02/27/25	
o-Xylene	ND	0.0250	1	02/27/25	02/27/25	
p,m-Xylene	ND	0.0500	1	02/27/25	02/27/25	
Total Xylenes	ND	0.0250	1	02/27/25	02/27/25	
Surrogate: Bromofluorobenzene		104 %	70-130	02/27/25	02/27/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	02/27/25	02/27/25	
Surrogate: Toluene-d8		103 %	70-130	02/27/25	02/27/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2509106
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/25	02/27/25	
Surrogate: Bromofluorobenzene		104 %	70-130	02/27/25	02/27/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	02/27/25	02/27/25	
Surrogate: Toluene-d8		103 %	70-130	02/27/25	02/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2509098
Diesel Range Organics (C10-C28)	ND	25.0	1	02/27/25	02/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/27/25	02/28/25	
Surrogate: n-Nonane		109 %	61-141	02/27/25	02/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2509105
Chloride	20.3	20.0	1	02/27/25	02/27/25	



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
3/4/2025 8:52:29AM

PH11 2'

E502276-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2509106
Benzene	ND	0.0250	1	02/27/25	02/27/25	
Ethylbenzene	ND	0.0250	1	02/27/25	02/27/25	
Toluene	ND	0.0250	1	02/27/25	02/27/25	
o-Xylene	ND	0.0250	1	02/27/25	02/27/25	
p,m-Xylene	ND	0.0500	1	02/27/25	02/27/25	
Total Xylenes	ND	0.0250	1	02/27/25	02/27/25	
Surrogate: Bromofluorobenzene		102 %	70-130	02/27/25	02/27/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	02/27/25	02/27/25	
Surrogate: Toluene-d8		104 %	70-130	02/27/25	02/27/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2509106
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/25	02/27/25	
Surrogate: Bromofluorobenzene		102 %	70-130	02/27/25	02/27/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	02/27/25	02/27/25	
Surrogate: Toluene-d8		104 %	70-130	02/27/25	02/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2509098
Diesel Range Organics (C10-C28)	ND	25.0	1	02/27/25	02/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/27/25	02/28/25	
Surrogate: n-Nonane		107 %	61-141	02/27/25	02/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2509105
Chloride	ND	20.0	1	02/27/25	02/27/25	



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
3/4/2025 8:52:29AM

PH12 1'

E502276-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2509106
Benzene	ND	0.0250	1	02/27/25	02/27/25	
Ethylbenzene	ND	0.0250	1	02/27/25	02/27/25	
Toluene	ND	0.0250	1	02/27/25	02/27/25	
o-Xylene	ND	0.0250	1	02/27/25	02/27/25	
p,m-Xylene	ND	0.0500	1	02/27/25	02/27/25	
Total Xylenes	ND	0.0250	1	02/27/25	02/27/25	
Surrogate: Bromofluorobenzene		102 %	70-130	02/27/25	02/27/25	
Surrogate: 1,2-Dichloroethane-d4		96.5 %	70-130	02/27/25	02/27/25	
Surrogate: Toluene-d8		104 %	70-130	02/27/25	02/27/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2509106
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/25	02/27/25	
Surrogate: Bromofluorobenzene		102 %	70-130	02/27/25	02/27/25	
Surrogate: 1,2-Dichloroethane-d4		96.5 %	70-130	02/27/25	02/27/25	
Surrogate: Toluene-d8		104 %	70-130	02/27/25	02/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2509098
Diesel Range Organics (C10-C28)	ND	25.0	1	02/27/25	02/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/27/25	02/28/25	
Surrogate: n-Nonane		110 %	61-141	02/27/25	02/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2509105
Chloride	ND	20.0	1	02/27/25	02/27/25	



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
3/4/2025 8:52:29AM

PH12 2'

E502276-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2509106
Benzene	ND	0.0250	1	02/27/25	02/27/25	
Ethylbenzene	ND	0.0250	1	02/27/25	02/27/25	
Toluene	ND	0.0250	1	02/27/25	02/27/25	
o-Xylene	ND	0.0250	1	02/27/25	02/27/25	
p,m-Xylene	ND	0.0500	1	02/27/25	02/27/25	
Total Xylenes	ND	0.0250	1	02/27/25	02/27/25	
Surrogate: Bromofluorobenzene		104 %	70-130	02/27/25	02/27/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	02/27/25	02/27/25	
Surrogate: Toluene-d8		102 %	70-130	02/27/25	02/27/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2509106
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/25	02/27/25	
Surrogate: Bromofluorobenzene		104 %	70-130	02/27/25	02/27/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	02/27/25	02/27/25	
Surrogate: Toluene-d8		102 %	70-130	02/27/25	02/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2509098
Diesel Range Organics (C10-C28)	ND	25.0	1	02/27/25	02/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/27/25	02/28/25	
Surrogate: n-Nonane		105 %	61-141	02/27/25	02/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2509105
Chloride	ND	20.0	1	02/27/25	02/27/25	



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
3/4/2025 8:52:29AM

PH13 0.5'

E502276-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2509106
Benzene	ND	0.0250	1	02/27/25	02/28/25	
Ethylbenzene	ND	0.0250	1	02/27/25	02/28/25	
Toluene	ND	0.0250	1	02/27/25	02/28/25	
o-Xylene	ND	0.0250	1	02/27/25	02/28/25	
p,m-Xylene	ND	0.0500	1	02/27/25	02/28/25	
Total Xylenes	ND	0.0250	1	02/27/25	02/28/25	
Surrogate: Bromofluorobenzene		102 %	70-130	02/27/25	02/28/25	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	02/27/25	02/28/25	
Surrogate: Toluene-d8		104 %	70-130	02/27/25	02/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2509106
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/25	02/28/25	
Surrogate: Bromofluorobenzene		102 %	70-130	02/27/25	02/28/25	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	02/27/25	02/28/25	
Surrogate: Toluene-d8		104 %	70-130	02/27/25	02/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2509098
Diesel Range Organics (C10-C28)	ND	25.0	1	02/27/25	02/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/27/25	02/28/25	
Surrogate: n-Nonane		110 %	61-141	02/27/25	02/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2509105
Chloride	ND	20.0	1	02/27/25	02/27/25	



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
3/4/2025 8:52:29AM

PH13 1'

E502276-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2509106
Benzene	ND	0.0250	1	02/27/25	02/28/25	
Ethylbenzene	ND	0.0250	1	02/27/25	02/28/25	
Toluene	ND	0.0250	1	02/27/25	02/28/25	
o-Xylene	ND	0.0250	1	02/27/25	02/28/25	
p,m-Xylene	ND	0.0500	1	02/27/25	02/28/25	
Total Xylenes	ND	0.0250	1	02/27/25	02/28/25	
Surrogate: Bromofluorobenzene		104 %	70-130	02/27/25	02/28/25	
Surrogate: 1,2-Dichloroethane-d4		99.3 %	70-130	02/27/25	02/28/25	
Surrogate: Toluene-d8		103 %	70-130	02/27/25	02/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2509106
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/25	02/28/25	
Surrogate: Bromofluorobenzene		104 %	70-130	02/27/25	02/28/25	
Surrogate: 1,2-Dichloroethane-d4		99.3 %	70-130	02/27/25	02/28/25	
Surrogate: Toluene-d8		103 %	70-130	02/27/25	02/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2509098
Diesel Range Organics (C10-C28)	ND	25.0	1	02/27/25	02/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/27/25	02/28/25	
Surrogate: n-Nonane		101 %	61-141	02/27/25	02/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2509105
Chloride	20.0	20.0	1	02/27/25	02/27/25	



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
3/4/2025 8:52:29AM

PH13 2'

E502276-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2509106
Benzene	ND	0.0250	1	02/27/25	02/28/25	
Ethylbenzene	ND	0.0250	1	02/27/25	02/28/25	
Toluene	ND	0.0250	1	02/27/25	02/28/25	
o-Xylene	ND	0.0250	1	02/27/25	02/28/25	
p,m-Xylene	ND	0.0500	1	02/27/25	02/28/25	
Total Xylenes	ND	0.0250	1	02/27/25	02/28/25	
Surrogate: Bromofluorobenzene		101 %	70-130	02/27/25	02/28/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	02/27/25	02/28/25	
Surrogate: Toluene-d8		103 %	70-130	02/27/25	02/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2509106
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/25	02/28/25	
Surrogate: Bromofluorobenzene		101 %	70-130	02/27/25	02/28/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	02/27/25	02/28/25	
Surrogate: Toluene-d8		103 %	70-130	02/27/25	02/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2509098
Diesel Range Organics (C10-C28)	ND	25.0	1	02/27/25	02/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/27/25	02/28/25	
Surrogate: n-Nonane		105 %	61-141	02/27/25	02/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2509105
Chloride	ND	20.0	1	02/27/25	02/27/25	



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
3/4/2025 8:52:29AM

PH14 0.5'

E502276-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2509106
Benzene	ND	0.0250	1	02/27/25	02/28/25	
Ethylbenzene	ND	0.0250	1	02/27/25	02/28/25	
Toluene	ND	0.0250	1	02/27/25	02/28/25	
o-Xylene	ND	0.0250	1	02/27/25	02/28/25	
p,m-Xylene	ND	0.0500	1	02/27/25	02/28/25	
Total Xylenes	ND	0.0250	1	02/27/25	02/28/25	
Surrogate: Bromofluorobenzene		101 %	70-130	02/27/25	02/28/25	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130	02/27/25	02/28/25	
Surrogate: Toluene-d8		103 %	70-130	02/27/25	02/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2509106
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/25	02/28/25	
Surrogate: Bromofluorobenzene		101 %	70-130	02/27/25	02/28/25	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130	02/27/25	02/28/25	
Surrogate: Toluene-d8		103 %	70-130	02/27/25	02/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2509098
Diesel Range Organics (C10-C28)	ND	25.0	1	02/27/25	02/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/27/25	02/28/25	
Surrogate: n-Nonane		103 %	61-141	02/27/25	02/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2509105
Chloride	ND	20.0	1	02/27/25	02/27/25	



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
3/4/2025 8:52:29AM

PH14 1'

E502276-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2509106
Benzene	ND	0.0250	1	02/27/25	02/28/25	
Ethylbenzene	ND	0.0250	1	02/27/25	02/28/25	
Toluene	ND	0.0250	1	02/27/25	02/28/25	
o-Xylene	ND	0.0250	1	02/27/25	02/28/25	
p,m-Xylene	ND	0.0500	1	02/27/25	02/28/25	
Total Xylenes	ND	0.0250	1	02/27/25	02/28/25	
Surrogate: Bromofluorobenzene		103 %	70-130	02/27/25	02/28/25	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	02/27/25	02/28/25	
Surrogate: Toluene-d8		102 %	70-130	02/27/25	02/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2509106
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/25	02/28/25	
Surrogate: Bromofluorobenzene		103 %	70-130	02/27/25	02/28/25	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	02/27/25	02/28/25	
Surrogate: Toluene-d8		102 %	70-130	02/27/25	02/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2509098
Diesel Range Organics (C10-C28)	ND	25.0	1	02/27/25	02/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/27/25	02/28/25	
Surrogate: n-Nonane		102 %	61-141	02/27/25	02/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2509105
Chloride	ND	20.0	1	02/27/25	02/27/25	



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
3/4/2025 8:52:29AM

PH14 2'

E502276-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2509106
Benzene	ND	0.0250	1	02/27/25	02/28/25	
Ethylbenzene	ND	0.0250	1	02/27/25	02/28/25	
Toluene	ND	0.0250	1	02/27/25	02/28/25	
o-Xylene	ND	0.0250	1	02/27/25	02/28/25	
p,m-Xylene	ND	0.0500	1	02/27/25	02/28/25	
Total Xylenes	ND	0.0250	1	02/27/25	02/28/25	
Surrogate: Bromofluorobenzene		101 %	70-130	02/27/25	02/28/25	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130	02/27/25	02/28/25	
Surrogate: Toluene-d8		104 %	70-130	02/27/25	02/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2509106
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/25	02/28/25	
Surrogate: Bromofluorobenzene		101 %	70-130	02/27/25	02/28/25	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130	02/27/25	02/28/25	
Surrogate: Toluene-d8		104 %	70-130	02/27/25	02/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2509098
Diesel Range Organics (C10-C28)	ND	25.0	1	02/27/25	02/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/27/25	02/28/25	
Surrogate: n-Nonane		97.9 %	61-141	02/27/25	02/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2509105
Chloride	ND	20.0	1	02/27/25	02/27/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	3/4/2025 8:52:29AM

Volatile Organic Compounds by EPA 8260B

Analyst: BA

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

Blank (2509106-BLK1)

Prepared: 02/27/25 Analyzed: 02/27/25

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	0.509		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.511		0.500		102	70-130			
Surrogate: Toluene-d8	0.510		0.500		102	70-130			

LCS (2509106-BS1)

Prepared: 02/27/25 Analyzed: 02/27/25

Benzene	2.76	0.0250	2.50		110	70-130			
Ethylbenzene	2.58	0.0250	2.50		103	70-130			
Toluene	2.63	0.0250	2.50		105	70-130			
o-Xylene	2.71	0.0250	2.50		108	70-130			
p,m-Xylene	5.35	0.0500	5.00		107	70-130			
Total Xylenes	8.06	0.0250	7.50		107	70-130			
Surrogate: Bromofluorobenzene	0.512		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.536		0.500		107	70-130			
Surrogate: Toluene-d8	0.502		0.500		100	70-130			

Matrix Spike (2509106-MS1)

Source: E502276-05

Prepared: 02/27/25 Analyzed: 02/27/25

Benzene	2.74	0.0250	2.50	ND	110	48-131			
Ethylbenzene	2.63	0.0250	2.50	ND	105	45-135			
Toluene	2.70	0.0250	2.50	ND	108	48-130			
o-Xylene	2.74	0.0250	2.50	ND	110	43-135			
p,m-Xylene	5.50	0.0500	5.00	ND	110	43-135			
Total Xylenes	8.24	0.0250	7.50	ND	110	43-135			
Surrogate: Bromofluorobenzene	0.515		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.517		0.500		103	70-130			
Surrogate: Toluene-d8	0.514		0.500		103	70-130			

Matrix Spike Dup (2509106-MSD1)

Source: E502276-05

Prepared: 02/27/25 Analyzed: 02/27/25

Benzene	2.79	0.0250	2.50	ND	112	48-131	1.66	23	
Ethylbenzene	2.61	0.0250	2.50	ND	104	45-135	0.954	27	
Toluene	2.66	0.0250	2.50	ND	106	48-130	1.40	24	
o-Xylene	2.76	0.0250	2.50	ND	110	43-135	0.709	27	
p,m-Xylene	5.49	0.0500	5.00	ND	110	43-135	0.182	27	
Total Xylenes	8.25	0.0250	7.50	ND	110	43-135	0.115	27	
Surrogate: Bromofluorobenzene	0.508		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.509		0.500		102	70-130			
Surrogate: Toluene-d8	0.502		0.500		100	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	3/4/2025 8:52:29AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

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

Blank (2509106-BLK1) Prepared: 02/27/25 Analyzed: 02/27/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.509		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.511		0.500		102	70-130			
Surrogate: Toluene-d8	0.510		0.500		102	70-130			

LCS (2509106-BS2) Prepared: 02/27/25 Analyzed: 02/27/25

Gasoline Range Organics (C6-C10)	59.9	20.0	50.0		120	70-130			
Surrogate: Bromofluorobenzene	0.533		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.507		0.500		101	70-130			
Surrogate: Toluene-d8	0.523		0.500		105	70-130			

Matrix Spike (2509106-MS2) Source: E502276-05 Prepared: 02/27/25 Analyzed: 02/27/25

Gasoline Range Organics (C6-C10)	60.0	20.0	50.0	ND	120	70-130			
Surrogate: Bromofluorobenzene	0.513		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.3	70-130			
Surrogate: Toluene-d8	0.525		0.500		105	70-130			

Matrix Spike Dup (2509106-MSD2) Source: E502276-05 Prepared: 02/27/25 Analyzed: 02/27/25

Gasoline Range Organics (C6-C10)	60.0	20.0	50.0	ND	120	70-130	0.0158	20	
Surrogate: Bromofluorobenzene	0.526		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.501		0.500		100	70-130			
Surrogate: Toluene-d8	0.530		0.500		106	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	3/4/2025 8:52:29AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2509098-BLK1)					Prepared: 02/27/25 Analyzed: 02/27/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	54.3		50.0		109	61-141			

LCS (2509098-BS1)					Prepared: 02/27/25 Analyzed: 02/27/25				
Diesel Range Organics (C10-C28)	263	25.0	250		105	66-144			
Surrogate: n-Nonane	54.0		50.0		108	61-141			

Matrix Spike (2509098-MS1)				Source: E502276-01		Prepared: 02/27/25 Analyzed: 02/27/25			
Diesel Range Organics (C10-C28)	269	25.0	250	ND	108	56-156			
Surrogate: n-Nonane	55.1		50.0		110	61-141			

Matrix Spike Dup (2509098-MSD1)				Source: E502276-01		Prepared: 02/27/25 Analyzed: 02/27/25			
Diesel Range Organics (C10-C28)	268	25.0	250	ND	107	56-156	0.300	20	
Surrogate: n-Nonane	54.8		50.0		110	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	3/4/2025 8:52:29AM

Anions by EPA 300.0/9056A

Analyst: JM

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

Blank (2509105-BLK1)					Prepared: 02/27/25 Analyzed: 02/27/25				
Chloride	ND	20.0							
LCS (2509105-BS1)					Prepared: 02/27/25 Analyzed: 02/27/25				
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2509105-MS1)					Source: E502276-06		Prepared: 02/27/25 Analyzed: 02/27/25		
Chloride	267	20.0	250	ND	107	80-120			
Matrix Spike Dup (2509105-MSD1)					Source: E502276-06		Prepared: 02/27/25 Analyzed: 02/27/25		
Chloride	268	20.0	250	ND	107	80-120	0.376	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:	FLAGLER 8 CTB 1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	03/04/25 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.

Client: Devon Energy Production Co, LP.				Bill To		Lab Use Only		TAT			EPA Program			
Project: FLAGLER 8 CTB 1				Attention: Jim Raley		Lab WO#		1D	2D	3D	Standard	CWA	SDWA	
Project Manager: Anna Byers				Address: 5315 Buena Vista Dr.		E 502276		Job Number		61058-0007		5 day TAT		
Address: 13000 W County Rd 100				City, State, Zip: Carlsbad, NM, 88220		Analysis and Method						RCRA		
City, State, Zip: Odessa, TX, 79765				Phone: 575-885-7502								State		
Phone: 432-305-6415				Email: jim.raley@devn.com								NM CO UT AZ TX		
Email: Devon-team@etechnv.com				WO: 21480746										
Etech project#: 21660				Incident ID: nAPP2500825819										
Collected by: Edyte Konan														
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Depth (ft.)	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	GDOC TX	Remarks
11:00	02.25.25	S	1	PH07	1	1'						X		
11:10	02.25.25	S	1	PH07	2	2'						X		
11:20	02.25.25	S	1	PH08	3	1'						X		
11:30	02.25.25	S	1	PH08	4	2'						X		
11:40	02.25.25	S	1	PH09	5	1'						X		
11:50	02.25.25	S	1	PH09	6	2'						X		
12:00	02.25.25	S	1	PH10	7	1'						X		
12:10	02.25.25	S	1	PH10	8	2'						X		
12:20	02.25.25	S	1	PH11	9	1'						X		
12:30	02.25.25	S	1	PH11	10	2'						X		
Additional Instructions:														
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: EK														
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 5°C on subsequent days.														
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only						
[Signature]		02/26/25	7:00	Michelle Gonzales		2-26-25	0700	Received on ice: Y / N						
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 T2 T3						
Michelle Gonzales		2-26-25	1520	Richard Gonzalez		2-26-25	1520							
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	AVG Temp °C						
Richard Gonzalez		2-26-25	2130	Kuyigh R Hill		2-27-25	0430	4						
Sample Matrix: S - Soil, SD - Solid, SG - Sludge, A - Aqueous, O - Other														
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA														
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.														



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Client: Devon Energy Production Co, LP.					Bill To		Lab Use Only				TAT				EPA Program				
Project: FLAGLER 8 CTB 1					Attention: Jim Raley		Lab WO#		Job Number		1D	2D	3D	Standard	CWA	SDWA			
Project Manager: Anna Byers					Address: 5315 Buena Vista Dr.		E 502276		01058-0007					5 day TAT					
Address: 13000 W County Rd 100					City, State, Zip: Carlsbad, NM, 88220		Analysis and Method								RCRA				
City, State, Zip: Odessa, TX, 79765					Phone: 575-885-7502		Depth (ft.)	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	GDOC TX	State				
Phone: 432-305-6415					Email: jim.raley@dvn.com										NM	CO	UT	AZ	TX
Email: Devon-team@etechnv.com					WO: 21480746														
Etech project#: 21660					Incident ID: nAPP2500825819														
Collected by: Edyte Konan																			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number										Remarks				
12:40	02.25.25	S	1	PH12	11	1'							X						
12:50	02.25.25	S	1	PH12	12	2'							X						
13:00	02.25.25	S	1	PH13	13	0.5'							X						
13:10	02.25.25	S	1	PH13	14	1'							X						
13:20	02.25.25	S	1	PH13	15	2'							X						
13:30	02.25.25	S	1	PH14	16	0.5'							X						
13:40	02.25.25	S	1	PH14	17	1'							X						
13:50	02.25.25	S	1	PH14	18	2'							X						
Additional Instructions:																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.											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.								
Sampled by: EK																			
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only											
<i>[Signature]</i>		02/26/25	7:00	Michelle Gonzales		2-26-25	0700	Received on ice: <input checked="" type="checkbox"/> Y / N											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 _____ T2 _____ T3 _____											
Michelle Gonzales		2-26-25	1520	Richard Gonzalez		2-26-25	1520												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	AVG Temp °C <u>4</u>											
Richard Gonzalez		2-26-25	2130	Katelyn K. Hill		2-27-25	0430												
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____											Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA								
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			



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Envirotech Analytical Laboratory

Printed: 2/27/2025 11:20:47AM

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:	02/27/25 04:30	Work Order ID:	E502276
Phone:	(575) 748-0176	Date Logged In:	02/26/25 15:13	Logged In By:	Caitlin Mars
Email:	anna@etechnv.com	Due Date:	03/05/25 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes

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

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Anna Byers



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: FLAGLER 8 CTB 1

Work Order: E502253

Job Number: 01058-0007

Received: 2/26/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/4/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 3/4/25



Anna Byers
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: FLAGLER 8 CTB 1
Workorder: E502253
Date Received: 2/26/2025 4:30:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/26/2025 4:30:00AM, under the Project Name: FLAGLER 8 CTB 1.

The analytical test results summarized in this report with the Project Name: FLAGLER 8 CTB 1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

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

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mgonzaless@envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	03/04/25 14:58

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS01 2'	E502253-01A	Soil	02/24/25	02/26/25	Glass Jar, 2 oz.
FS02 2'	E502253-02A	Soil	02/24/25	02/26/25	Glass Jar, 2 oz.
FS03 2'	E502253-03A	Soil	02/24/25	02/26/25	Glass Jar, 2 oz.
FS04 2'	E502253-04A	Soil	02/24/25	02/26/25	Glass Jar, 2 oz.
FS05 2'	E502253-05A	Soil	02/24/25	02/26/25	Glass Jar, 2 oz.



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
3/4/2025 2:58:09PM

FS01 2'

E502253-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2509070
Benzene	ND	0.0250	1	02/26/25	02/28/25	
Ethylbenzene	ND	0.0250	1	02/26/25	02/28/25	
Toluene	ND	0.0250	1	02/26/25	02/28/25	
o-Xylene	ND	0.0250	1	02/26/25	02/28/25	
p,m-Xylene	ND	0.0500	1	02/26/25	02/28/25	
Total Xylenes	ND	0.0250	1	02/26/25	02/28/25	
<i>Surrogate: Bromofluorobenzene</i>		106 %	70-130	02/26/25	02/28/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.9 %	70-130	02/26/25	02/28/25	
<i>Surrogate: Toluene-d8</i>		108 %	70-130	02/26/25	02/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2509070
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/26/25	02/28/25	
<i>Surrogate: Bromofluorobenzene</i>		106 %	70-130	02/26/25	02/28/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.9 %	70-130	02/26/25	02/28/25	
<i>Surrogate: Toluene-d8</i>		108 %	70-130	02/26/25	02/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2509077
Diesel Range Organics (C10-C28)	ND	25.0	1	02/26/25	02/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/26/25	02/26/25	
<i>Surrogate: n-Nonane</i>		106 %	61-141	02/26/25	02/26/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2509080
Chloride	70.1	20.0	1	02/26/25	02/27/25	



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
3/4/2025 2:58:09PM

FS02 2'

E502253-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2509070
Benzene	ND	0.0250	1	02/26/25	02/28/25	
Ethylbenzene	ND	0.0250	1	02/26/25	02/28/25	
Toluene	ND	0.0250	1	02/26/25	02/28/25	
o-Xylene	ND	0.0250	1	02/26/25	02/28/25	
p,m-Xylene	ND	0.0500	1	02/26/25	02/28/25	
Total Xylenes	ND	0.0250	1	02/26/25	02/28/25	
Surrogate: Bromofluorobenzene		106 %	70-130	02/26/25	02/28/25	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130	02/26/25	02/28/25	
Surrogate: Toluene-d8		108 %	70-130	02/26/25	02/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2509070
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/26/25	02/28/25	
Surrogate: Bromofluorobenzene		106 %	70-130	02/26/25	02/28/25	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130	02/26/25	02/28/25	
Surrogate: Toluene-d8		108 %	70-130	02/26/25	02/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2509077
Diesel Range Organics (C10-C28)	ND	25.0	1	02/26/25	02/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/26/25	02/26/25	
Surrogate: n-Nonane		105 %	61-141	02/26/25	02/26/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2509080
Chloride	63.4	20.0	1	02/26/25	02/27/25	



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
3/4/2025 2:58:09PM

FS03 2'

E502253-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2509070
Benzene	ND	0.0250	1	02/26/25	02/28/25	
Ethylbenzene	ND	0.0250	1	02/26/25	02/28/25	
Toluene	ND	0.0250	1	02/26/25	02/28/25	
o-Xylene	ND	0.0250	1	02/26/25	02/28/25	
p,m-Xylene	ND	0.0500	1	02/26/25	02/28/25	
Total Xylenes	ND	0.0250	1	02/26/25	02/28/25	
Surrogate: Bromofluorobenzene		105 %	70-130	02/26/25	02/28/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	02/26/25	02/28/25	
Surrogate: Toluene-d8		107 %	70-130	02/26/25	02/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2509070
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/26/25	02/28/25	
Surrogate: Bromofluorobenzene		105 %	70-130	02/26/25	02/28/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	02/26/25	02/28/25	
Surrogate: Toluene-d8		107 %	70-130	02/26/25	02/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2509077
Diesel Range Organics (C10-C28)	ND	25.0	1	02/26/25	02/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/26/25	02/26/25	
Surrogate: n-Nonane		106 %	61-141	02/26/25	02/26/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2509080
Chloride	36.8	20.0	1	02/26/25	02/27/25	



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
3/4/2025 2:58:09PM

FS04 2'

E502253-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2509070
Benzene	ND	0.0250	1	02/26/25	02/28/25	
Ethylbenzene	ND	0.0250	1	02/26/25	02/28/25	
Toluene	ND	0.0250	1	02/26/25	02/28/25	
o-Xylene	ND	0.0250	1	02/26/25	02/28/25	
p,m-Xylene	ND	0.0500	1	02/26/25	02/28/25	
Total Xylenes	ND	0.0250	1	02/26/25	02/28/25	
Surrogate: Bromofluorobenzene		106 %	70-130	02/26/25	02/28/25	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130	02/26/25	02/28/25	
Surrogate: Toluene-d8		109 %	70-130	02/26/25	02/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2509070
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/26/25	02/28/25	
Surrogate: Bromofluorobenzene		106 %	70-130	02/26/25	02/28/25	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130	02/26/25	02/28/25	
Surrogate: Toluene-d8		109 %	70-130	02/26/25	02/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2509077
Diesel Range Organics (C10-C28)	ND	25.0	1	02/26/25	02/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/26/25	02/26/25	
Surrogate: n-Nonane		103 %	61-141	02/26/25	02/26/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2509080
Chloride	32.4	20.0	1	02/26/25	02/27/25	



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
3/4/2025 2:58:09PM

FS05 2'

E502253-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2509070
Benzene	ND	0.0250	1	02/26/25	02/28/25	
Ethylbenzene	ND	0.0250	1	02/26/25	02/28/25	
Toluene	ND	0.0250	1	02/26/25	02/28/25	
o-Xylene	ND	0.0250	1	02/26/25	02/28/25	
p,m-Xylene	ND	0.0500	1	02/26/25	02/28/25	
Total Xylenes	ND	0.0250	1	02/26/25	02/28/25	
Surrogate: Bromofluorobenzene		107 %	70-130	02/26/25	02/28/25	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	02/26/25	02/28/25	
Surrogate: Toluene-d8		108 %	70-130	02/26/25	02/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2509070
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/26/25	02/28/25	
Surrogate: Bromofluorobenzene		107 %	70-130	02/26/25	02/28/25	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	02/26/25	02/28/25	
Surrogate: Toluene-d8		108 %	70-130	02/26/25	02/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2509077
Diesel Range Organics (C10-C28)	ND	25.0	1	02/26/25	02/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/26/25	02/26/25	
Surrogate: n-Nonane		102 %	61-141	02/26/25	02/26/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2509080
Chloride	97.8	20.0	1	02/26/25	02/27/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	3/4/2025 2:58:09PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

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

Blank (2509070-BLK1)

Prepared: 02/26/25 Analyzed: 02/28/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.544		0.500		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.458		0.500		91.6	70-130			
Surrogate: Toluene-d8	0.548		0.500		110	70-130			

LCS (2509070-BS1)

Prepared: 02/26/25 Analyzed: 02/28/25

Benzene	2.36	0.0250	2.50		94.2	70-130			
Ethylbenzene	2.55	0.0250	2.50		102	70-130			
Toluene	2.65	0.0250	2.50		106	70-130			
o-Xylene	2.61	0.0250	2.50		105	70-130			
p,m-Xylene	5.51	0.0500	5.00		110	70-130			
Total Xylenes	8.13	0.0250	7.50		108	70-130			
Surrogate: Bromofluorobenzene	0.520		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.480		0.500		96.0	70-130			
Surrogate: Toluene-d8	0.537		0.500		107	70-130			

Matrix Spike (2509070-MS1)

Source: E502254-02

Prepared: 02/26/25 Analyzed: 02/28/25

Benzene	2.30	0.0250	2.50	ND	92.1	48-131			
Ethylbenzene	2.50	0.0250	2.50	ND	100	45-135			
Toluene	2.60	0.0250	2.50	ND	104	48-130			
o-Xylene	2.61	0.0250	2.50	ND	105	43-135			
p,m-Xylene	5.41	0.0500	5.00	ND	108	43-135			
Total Xylenes	8.03	0.0250	7.50	ND	107	43-135			
Surrogate: Bromofluorobenzene	0.525		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.3	70-130			
Surrogate: Toluene-d8	0.543		0.500		109	70-130			

Matrix Spike Dup (2509070-MSD1)

Source: E502254-02

Prepared: 02/26/25 Analyzed: 02/28/25

Benzene	2.33	0.0250	2.50	ND	93.1	48-131	1.04	23	
Ethylbenzene	2.51	0.0250	2.50	ND	101	45-135	0.579	27	
Toluene	2.60	0.0250	2.50	ND	104	48-130	0.0384	24	
o-Xylene	2.63	0.0250	2.50	ND	105	43-135	0.572	27	
p,m-Xylene	5.49	0.0500	5.00	ND	110	43-135	1.45	27	
Total Xylenes	8.12	0.0250	7.50	ND	108	43-135	1.16	27	
Surrogate: Bromofluorobenzene	0.528		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		96.9	70-130			
Surrogate: Toluene-d8	0.540		0.500		108	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	3/4/2025 2:58:09PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2509070-BLK1)

Prepared: 02/26/25 Analyzed: 02/28/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.544		0.500		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.458		0.500		91.6	70-130			
Surrogate: Toluene-d8	0.548		0.500		110	70-130			

LCS (2509070-BS2)

Prepared: 02/26/25 Analyzed: 02/28/25

Gasoline Range Organics (C6-C10)	57.3	20.0	50.0		115	70-130			
Surrogate: Bromofluorobenzene	0.526		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.3	70-130			
Surrogate: Toluene-d8	0.547		0.500		109	70-130			

Matrix Spike (2509070-MS2)

Source: E502254-02

Prepared: 02/26/25 Analyzed: 02/28/25

Gasoline Range Organics (C6-C10)	54.8	20.0	50.0	ND	110	70-130			
Surrogate: Bromofluorobenzene	0.537		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.473		0.500		94.6	70-130			
Surrogate: Toluene-d8	0.560		0.500		112	70-130			

Matrix Spike Dup (2509070-MSD2)

Source: E502254-02

Prepared: 02/26/25 Analyzed: 02/28/25

Gasoline Range Organics (C6-C10)	58.1	20.0	50.0	ND	116	70-130	5.91	20	
Surrogate: Bromofluorobenzene	0.542		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.5	70-130			
Surrogate: Toluene-d8	0.551		0.500		110	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	3/4/2025 2:58:09PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2509077-BLK1)					Prepared: 02/26/25 Analyzed: 02/26/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.5		50.0		103	61-141			

LCS (2509077-BS1)					Prepared: 02/26/25 Analyzed: 02/26/25				
Diesel Range Organics (C10-C28)	260	25.0	250		104	66-144			
Surrogate: n-Nonane	52.1		50.0		104	61-141			

Matrix Spike (2509077-MS1)					Source: E502247-01		Prepared: 02/26/25 Analyzed: 02/26/25		
Diesel Range Organics (C10-C28)	363	25.0	250	56.5	123	56-156			
Surrogate: n-Nonane	54.1		50.0		108	61-141			

Matrix Spike Dup (2509077-MSD1)					Source: E502247-01		Prepared: 02/26/25 Analyzed: 02/26/25		
Diesel Range Organics (C10-C28)	397	25.0	250	56.5	136	56-156	8.99	20	
Surrogate: n-Nonane	51.6		50.0		103	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	3/4/2025 2:58:09PM

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (2509080-BLK1)					Prepared: 02/26/25 Analyzed: 02/26/25				
Chloride	ND	20.0							
LCS (2509080-BS1)					Prepared: 02/26/25 Analyzed: 02/26/25				
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2509080-MS1)					Source: E502252-02		Prepared: 02/26/25 Analyzed: 02/26/25		
Chloride	603	20.0	250	325	111	80-120			
Matrix Spike Dup (2509080-MSD1)					Source: E502252-02		Prepared: 02/26/25 Analyzed: 02/26/25		
Chloride	576	20.0	250	325	100	80-120	4.55	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:	FLAGLER 8 CTB 1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	03/04/25 14:58

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

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

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



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Envirotech Analytical Laboratory

Printed: 2/26/2025 11:15:28AM

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:	02/26/25 04:30	Work Order ID:	E502253
Phone:	(575) 748-0176	Date Logged In:	02/25/25 15:17	Logged In By:	Caitlin Mars
Email:	anna@etechnv.com	Due Date:	03/04/25 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

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

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Anna Byers



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: FLAGLER 8 CTB 1

Work Order: E502268

Job Number: 01058-0007

Received: 2/27/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/4/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 3/4/25



Anna Byers
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: FLAGLER 8 CTB 1
Workorder: E502268
Date Received: 2/27/2025 4:30:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/27/2025 4:30:00AM, under the Project Name: FLAGLER 8 CTB 1.

The analytical test results summarized in this report with the Project Name: FLAGLER 8 CTB 1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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Sample Summary

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	03/04/25 08:45

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS06 1'	E502268-01A	Soil	02/25/25	02/27/25	Glass Jar, 2 oz.
SW03 0-1'	E502268-02A	Soil	02/25/25	02/27/25	Glass Jar, 2 oz.



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
3/4/2025 8:45:21AM

FS06 1'

E502268-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2509092	
Benzene	ND	0.0250	1	02/27/25	02/28/25	
Ethylbenzene	ND	0.0250	1	02/27/25	02/28/25	
Toluene	ND	0.0250	1	02/27/25	02/28/25	
o-Xylene	ND	0.0250	1	02/27/25	02/28/25	
p,m-Xylene	ND	0.0500	1	02/27/25	02/28/25	
Total Xylenes	ND	0.0250	1	02/27/25	02/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		80.5 %	70-130	02/27/25	02/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2509092	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/25	02/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.4 %	70-130	02/27/25	02/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2509095	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/27/25	02/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/27/25	02/28/25	
<i>Surrogate: n-Nonane</i>		98.5 %	61-141	02/27/25	02/28/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2509094	
Chloride	6600	40.0	2	02/27/25	02/27/25	



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
3/4/2025 8:45:21AM

SW03 0-1'

E502268-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2509092	
Benzene	ND	0.0250	1	02/27/25	02/28/25	
Ethylbenzene	ND	0.0250	1	02/27/25	02/28/25	
Toluene	ND	0.0250	1	02/27/25	02/28/25	
o-Xylene	ND	0.0250	1	02/27/25	02/28/25	
p,m-Xylene	ND	0.0500	1	02/27/25	02/28/25	
Total Xylenes	ND	0.0250	1	02/27/25	02/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	79.5 %	70-130		02/27/25	02/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2509092	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/25	02/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.9 %	70-130		02/27/25	02/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2509095	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/27/25	02/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/27/25	02/28/25	
<i>Surrogate: n-Nonane</i>						
	100 %	61-141		02/27/25	02/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2509094	
Chloride	208	20.0	1	02/27/25	02/27/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	3/4/2025 8:45:21AM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2509092-BLK1)

Prepared: 02/26/25 Analyzed: 02/26/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.49		8.00		81.2	70-130			

LCS (2509092-BS1)

Prepared: 02/26/25 Analyzed: 02/27/25

Benzene	5.40	0.0250	5.00		108	70-130			
Ethylbenzene	5.16	0.0250	5.00		103	70-130			
Toluene	5.31	0.0250	5.00		106	70-130			
o-Xylene	5.11	0.0250	5.00		102	70-130			
p,m-Xylene	10.4	0.0500	10.0		104	70-130			
Total Xylenes	15.5	0.0250	15.0		104	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.53		8.00		81.6	70-130			

LCS Dup (2509092-BSD1)

Prepared: 02/26/25 Analyzed: 02/27/25

Benzene	5.39	0.0250	5.00		108	70-130	0.209	20	
Ethylbenzene	5.15	0.0250	5.00		103	70-130	0.203	20	
Toluene	5.30	0.0250	5.00		106	70-130	0.0669	20	
o-Xylene	5.11	0.0250	5.00		102	70-130	0.0597	20	
p,m-Xylene	10.4	0.0500	10.0		104	70-130	0.274	20	
Total Xylenes	15.5	0.0250	15.0		103	70-130	0.164	20	
Surrogate: 4-Bromochlorobenzene-PID	6.52		8.00		81.5	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	3/4/2025 8:45:21AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2509092-BLK1) Prepared: 02/26/25 Analyzed: 02/26/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.46		8.00		93.2	70-130			

LCS (2509092-BS2) Prepared: 02/26/25 Analyzed: 02/27/25

Gasoline Range Organics (C6-C10)	43.8	20.0	50.0		87.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.59		8.00		94.8	70-130			

LCS Dup (2509092-BSD2) Prepared: 02/26/25 Analyzed: 02/27/25

Gasoline Range Organics (C6-C10)	42.0	20.0	50.0		84.0	70-130	4.12	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.60		8.00		94.9	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	3/4/2025 8:45:21AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

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

Blank (2509095-BLK1)					Prepared: 02/27/25 Analyzed: 02/27/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.4		50.0		98.7	61-141			

LCS (2509095-BS1)					Prepared: 02/27/25 Analyzed: 02/27/25				
Diesel Range Organics (C10-C28)	229	25.0	250		91.5	66-144			
Surrogate: n-Nonane	51.2		50.0		102	61-141			

Matrix Spike (2509095-MS1)					Source: E502264-10		Prepared: 02/27/25 Analyzed: 02/27/25		
Diesel Range Organics (C10-C28)	2160	25.0	250	1830	131	56-156			T9
Surrogate: n-Nonane	444		50.0		887	61-141			S5

Matrix Spike Dup (2509095-MSD1)					Source: E502264-10		Prepared: 02/27/25 Analyzed: 02/27/25		
Diesel Range Organics (C10-C28)	2170	25.0	250	1830	133	56-156	0.304	20	T9
Surrogate: n-Nonane	933		50.0		NR	61-141			S5



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	3/4/2025 8:45:21AM

Anions by EPA 300.0/9056A

Analyst: AK

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

Blank (2509094-BLK1)					Prepared: 02/27/25 Analyzed: 02/27/25				
Chloride	ND	20.0							
LCS (2509094-BS1)					Prepared: 02/27/25 Analyzed: 02/27/25				
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2509094-MS1)					Source: E502277-04		Prepared: 02/27/25 Analyzed: 02/27/25		
Chloride	272	20.0	250	20.5	101	80-120			
Matrix Spike Dup (2509094-MSD1)					Source: E502277-04		Prepared: 02/27/25 Analyzed: 02/27/25		
Chloride	272	20.0	250	20.5	100	80-120	0.0401	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:	FLAGLER 8 CTB 1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	03/04/25 08:45

- S5 Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.
- T9 DRO includes undifferentiated early eluting analytes characteristic of GRO.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

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

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

Client: Devon Energy Production Co, LP.				Bill To				Lab Use Only				TAT				EPA Program			
Project: FLAGLER 8 CTB 1				Attention: Jim Raley				Lab WO#				1D				CWA			
Project Manager: Anna Byers				Address: 5315 Buena Vista Dr.				Job Number				2D				SDWA			
Address: 13000 W County Rd 100				City, State, Zip: Carlsbad, NM, 88220				E 507268 01058-0007				3D				Standard			
City, State, Zip: Odessa, TX, 79765				Phone: 575-885-7502				Analysis and Method				5 day TAT				RCRA			
Phone: 432-305-6415				Email: jim.raley@dvn.com												State			
Email: Devon-team@etechenv.com				WO: 21480746															
Etch project#: 21660				Incident ID: nAPP2500825819															
Collected by: Edyte Konan																			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Depth (ft.)	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BDOC NM	GDOC TX	Remarks					
14:00	02.25.25	S	1	FS06	1	1'						X							
14:10	02.25.25	S	1	SW03	2	0-1'						X							
02/26/2025																			
Additional Instructions:																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: EK																			
Relinquished by: (Signature)				Date	Time	Received by: (Signature)				Date	Time	Lab Use Only							
Michelle Gonzales				02/26/25	7:00	Michelle Gonzales				2-26-25	0700	Received on ice: <input checked="" type="checkbox"/> / N							
Michelle Gonzales				2-26-25	1520	Richard Gonzalez				2-26-25	1520	T1 T2 T3							
Richard Gonzalez				2-26-25	2130	Muyiph R Heron				2-27-25	0430	AVG Temp °C 4							
Sample Matrix: S - Soil, SD - Solid, Sg - Sludge, A - Aqueous, O - Other										Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA									
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			

Envirotech Analytical Laboratory

Printed: 2/27/2025 9:43:45AM

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:	02/27/25 04:30	Work Order ID:	E502268
Phone:	(575) 748-0176	Date Logged In:	02/26/25 14:40	Logged In By:	Caitlin Mars
Email:	anna@etechnv.com	Due Date:	03/05/25 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes

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

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Anna Byers



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: FLAGLER 8 CTB 1

Work Order: E503027

Job Number: 01058-0007

Received: 3/5/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/11/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 3/11/25



Anna Byers
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: FLAGLER 8 CTB 1
Workorder: E503027
Date Received: 3/5/2025 7:00:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/5/2025 7:00:00AM, under the Project Name: FLAGLER 8 CTB 1.

The analytical test results summarized in this report with the Project Name: FLAGLER 8 CTB 1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
Laboratory Director
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Cell: 775-287-1762
whinchman@envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	03/11/25 07:56

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS07 1'	E503027-01A	Soil	02/27/25	03/05/25	Glass Jar, 2 oz.
FS08 0-0.25'	E503027-02A	Soil	02/27/25	03/05/25	Glass Jar, 2 oz.
FS09 0-0.25'	E503027-03A	Soil	02/27/25	03/05/25	Glass Jar, 2 oz.
FS10 0-0.25'	E503027-04A	Soil	02/27/25	03/05/25	Glass Jar, 2 oz.



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
3/11/2025 7:56:11AM

FS07 1'

E503027-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2510081
Benzene	ND	0.0250	1	03/05/25	03/06/25	
Ethylbenzene	ND	0.0250	1	03/05/25	03/06/25	
Toluene	ND	0.0250	1	03/05/25	03/06/25	
o-Xylene	ND	0.0250	1	03/05/25	03/06/25	
p,m-Xylene	ND	0.0500	1	03/05/25	03/06/25	
Total Xylenes	ND	0.0250	1	03/05/25	03/06/25	
<i>Surrogate: Bromofluorobenzene</i>		95.5 %	70-130	03/05/25	03/06/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		94.6 %	70-130	03/05/25	03/06/25	
<i>Surrogate: Toluene-d8</i>		96.7 %	70-130	03/05/25	03/06/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2510081
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/05/25	03/06/25	
<i>Surrogate: Bromofluorobenzene</i>		95.5 %	70-130	03/05/25	03/06/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		94.6 %	70-130	03/05/25	03/06/25	
<i>Surrogate: Toluene-d8</i>		96.7 %	70-130	03/05/25	03/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2510077
Diesel Range Organics (C10-C28)	ND	25.0	1	03/05/25	03/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/05/25	03/06/25	
<i>Surrogate: n-Nonane</i>		93.5 %	61-141	03/05/25	03/06/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2510086
Chloride	4400	40.0	2	03/05/25	03/05/25	



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
3/11/2025 7:56:11AM

FS08 0-0.25'

E503027-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2510081
Benzene	ND	0.0250	1	03/05/25	03/06/25	
Ethylbenzene	ND	0.0250	1	03/05/25	03/06/25	
Toluene	0.0425	0.0250	1	03/05/25	03/06/25	
o-Xylene	ND	0.0250	1	03/05/25	03/06/25	
p,m-Xylene	ND	0.0500	1	03/05/25	03/06/25	
Total Xylenes	ND	0.0250	1	03/05/25	03/06/25	
Surrogate: Bromofluorobenzene	94.5 %	70-130		03/05/25	03/06/25	
Surrogate: 1,2-Dichloroethane-d4	98.0 %	70-130		03/05/25	03/06/25	
Surrogate: Toluene-d8	95.7 %	70-130		03/05/25	03/06/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2510081
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/05/25	03/06/25	
Surrogate: Bromofluorobenzene	94.5 %	70-130		03/05/25	03/06/25	
Surrogate: 1,2-Dichloroethane-d4	98.0 %	70-130		03/05/25	03/06/25	
Surrogate: Toluene-d8	95.7 %	70-130		03/05/25	03/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2510077
Diesel Range Organics (C10-C28)	ND	25.0	1	03/05/25	03/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/05/25	03/06/25	
Surrogate: n-Nonane	95.6 %	61-141		03/05/25	03/06/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2510086
Chloride	1170	20.0	1	03/05/25	03/05/25	



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
3/11/2025 7:56:11AM

FS09 0-0.25'

E503027-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2510081
Benzene	ND	0.0250	1	03/05/25	03/07/25	
Ethylbenzene	ND	0.0250	1	03/05/25	03/07/25	
Toluene	0.0270	0.0250	1	03/05/25	03/07/25	
o-Xylene	ND	0.0250	1	03/05/25	03/07/25	
p,m-Xylene	ND	0.0500	1	03/05/25	03/07/25	
Total Xylenes	ND	0.0250	1	03/05/25	03/07/25	
Surrogate: Bromofluorobenzene	97.1 %	70-130		03/05/25	03/07/25	
Surrogate: 1,2-Dichloroethane-d4	97.8 %	70-130		03/05/25	03/07/25	
Surrogate: Toluene-d8	100 %	70-130		03/05/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2510081
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/05/25	03/07/25	
Surrogate: Bromofluorobenzene	97.1 %	70-130		03/05/25	03/07/25	
Surrogate: 1,2-Dichloroethane-d4	97.8 %	70-130		03/05/25	03/07/25	
Surrogate: Toluene-d8	100 %	70-130		03/05/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2510077
Diesel Range Organics (C10-C28)	ND	25.0	1	03/05/25	03/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/05/25	03/06/25	
Surrogate: n-Nonane	97.2 %	61-141		03/05/25	03/06/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2510086
Chloride	1180	20.0	1	03/05/25	03/05/25	



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
3/11/2025 7:56:11AM

FS10 0-0.25'

E503027-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2510081
Benzene	ND	0.0250	1	03/05/25	03/07/25	
Ethylbenzene	ND	0.0250	1	03/05/25	03/07/25	
Toluene	ND	0.0250	1	03/05/25	03/07/25	
o-Xylene	ND	0.0250	1	03/05/25	03/07/25	
p,m-Xylene	ND	0.0500	1	03/05/25	03/07/25	
Total Xylenes	ND	0.0250	1	03/05/25	03/07/25	
Surrogate: Bromofluorobenzene	96.5 %	70-130		03/05/25	03/07/25	
Surrogate: 1,2-Dichloroethane-d4	95.1 %	70-130		03/05/25	03/07/25	
Surrogate: Toluene-d8	97.6 %	70-130		03/05/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2510081
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/05/25	03/07/25	
Surrogate: Bromofluorobenzene	96.5 %	70-130		03/05/25	03/07/25	
Surrogate: 1,2-Dichloroethane-d4	95.1 %	70-130		03/05/25	03/07/25	
Surrogate: Toluene-d8	97.6 %	70-130		03/05/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2510077
Diesel Range Organics (C10-C28)	ND	25.0	1	03/05/25	03/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/05/25	03/06/25	
Surrogate: n-Nonane	89.6 %	61-141		03/05/25	03/06/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2510086
Chloride	10900	200	10	03/05/25	03/05/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	3/11/2025 7:56:11AM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

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

Blank (2510081-BLK1)

Prepared: 03/05/25 Analyzed: 03/06/25

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	0.476		0.500		95.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.7	70-130			
Surrogate: Toluene-d8	0.489		0.500		97.7	70-130			

LCS (2510081-BS1)

Prepared: 03/05/25 Analyzed: 03/06/25

Benzene	2.17	0.0250	2.50		86.9	70-130			
Ethylbenzene	2.20	0.0250	2.50		87.9	70-130			
Toluene	2.14	0.0250	2.50		85.8	70-130			
o-Xylene	2.22	0.0250	2.50		88.6	70-130			
p,m-Xylene	4.37	0.0500	5.00		87.4	70-130			
Total Xylenes	6.59	0.0250	7.50		87.8	70-130			
Surrogate: Bromofluorobenzene	0.496		0.500		99.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.3	70-130			
Surrogate: Toluene-d8	0.487		0.500		97.4	70-130			

Matrix Spike (2510081-MS1)

Source: E503025-04

Prepared: 03/05/25 Analyzed: 03/06/25

Benzene	2.25	0.0250	2.50	ND	89.8	48-131			
Ethylbenzene	2.31	0.0250	2.50	ND	92.4	45-135			
Toluene	2.25	0.0250	2.50	ND	89.9	48-130			
o-Xylene	2.28	0.0250	2.50	ND	91.1	43-135			
p,m-Xylene	4.55	0.0500	5.00	ND	90.9	43-135			
Total Xylenes	6.83	0.0250	7.50	ND	91.0	43-135			
Surrogate: Bromofluorobenzene	0.489		0.500		97.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.478		0.500		95.6	70-130			
Surrogate: Toluene-d8	0.491		0.500		98.1	70-130			

Matrix Spike Dup (2510081-MSD1)

Source: E503025-04

Prepared: 03/05/25 Analyzed: 03/06/25

Benzene	2.22	0.0250	2.50	ND	88.6	48-131	1.35	23	
Ethylbenzene	2.22	0.0250	2.50	ND	89.0	45-135	3.82	27	
Toluene	2.16	0.0250	2.50	ND	86.4	48-130	3.97	24	
o-Xylene	2.23	0.0250	2.50	ND	89.0	43-135	2.33	27	
p,m-Xylene	4.43	0.0500	5.00	ND	88.6	43-135	2.57	27	
Total Xylenes	6.66	0.0250	7.50	ND	88.8	43-135	2.49	27	
Surrogate: Bromofluorobenzene	0.492		0.500		98.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.3	70-130			
Surrogate: Toluene-d8	0.479		0.500		95.7	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	3/11/2025 7:56:11AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2510081-BLK1)

Prepared: 03/05/25 Analyzed: 03/06/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.476		0.500		95.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.7	70-130			
Surrogate: Toluene-d8	0.489		0.500		97.7	70-130			

LCS (2510081-BS2)

Prepared: 03/05/25 Analyzed: 03/06/25

Gasoline Range Organics (C6-C10)	50.8	20.0	50.0		102	70-130			
Surrogate: Bromofluorobenzene	0.488		0.500		97.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.4	70-130			
Surrogate: Toluene-d8	0.503		0.500		101	70-130			

Matrix Spike (2510081-MS2)

Source: E503025-04

Prepared: 03/05/25 Analyzed: 03/06/25

Gasoline Range Organics (C6-C10)	54.2	20.0	50.0	ND	108	70-130			
Surrogate: Bromofluorobenzene	0.492		0.500		98.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.488		0.500		97.6	70-130			
Surrogate: Toluene-d8	0.502		0.500		100	70-130			

Matrix Spike Dup (2510081-MSD2)

Source: E503025-04

Prepared: 03/05/25 Analyzed: 03/06/25

Gasoline Range Organics (C6-C10)	51.1	20.0	50.0	ND	102	70-130	5.98	20	
Surrogate: Bromofluorobenzene	0.487		0.500		97.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.474		0.500		94.7	70-130			
Surrogate: Toluene-d8	0.497		0.500		99.4	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	3/11/2025 7:56:11AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2510077-BLK1)					Prepared: 03/05/25 Analyzed: 03/06/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	46.8		50.0		93.5	61-141			

LCS (2510077-BS1)					Prepared: 03/05/25 Analyzed: 03/06/25				
Diesel Range Organics (C10-C28)	232	25.0	250		92.8	66-144			
Surrogate: n-Nonane	49.9		50.0		99.7	61-141			

Matrix Spike (2510077-MS1)					Source: E503028-02		Prepared: 03/05/25 Analyzed: 03/06/25		
Diesel Range Organics (C10-C28)	344	25.0	250	158	74.6	56-156			
Surrogate: n-Nonane	50.0		50.0		100	61-141			

Matrix Spike Dup (2510077-MSD1)					Source: E503028-02		Prepared: 03/05/25 Analyzed: 03/06/25		
Diesel Range Organics (C10-C28)	336	25.0	250	158	71.1	56-156	2.59	20	
Surrogate: n-Nonane	49.9		50.0		99.8	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	3/11/2025 7:56:11AM

Anions by EPA 300.0/9056A

Analyst: JM

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

Blank (2510086-BLK1)					Prepared: 03/05/25 Analyzed: 03/05/25				
Chloride	ND	20.0							
LCS (2510086-BS1)					Prepared: 03/05/25 Analyzed: 03/05/25				
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2510086-MS1)					Source: E503025-05		Prepared: 03/05/25 Analyzed: 03/05/25		
Chloride	262	20.0	250	ND	105	80-120			
Matrix Spike Dup (2510086-MSD1)					Source: E503025-05		Prepared: 03/05/25 Analyzed: 03/05/25		
Chloride	262	20.0	250	ND	105	80-120	0.100	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:	FLAGLER 8 CTB 1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	03/11/25 07:56

- ND Analyte NOT DETECTED at or above the reporting limit
 - NR Not Reported
 - RPD Relative Percent Difference
 - DNI Did Not Ignite
 - DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with ** are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Client: Devon Energy Production Co LP				Bill To		Lab Use Only				TAT				EPA Program	
Project: FLAGLER 8 CTB 1				Attention: Jim Raley		Lab WO# E503027		Job Number 010580007		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Anna Byers				Address: 5315 Buena Vista Dr.		City, State, Zip: Carlsbad, NM, 88220		Phone: 575-885-7502		5 day TAT				RCRA	
Address: 13000 W County Rd 100				Email: jim.raley@devn.com		WO: 21480746		Incident ID: nAPP2500825819							
City, State, Zip: Odessa, TX, 79765															
Phone: 432-305-6415															
Email: Devon-team@etechnv.com															
Project #: 21660															
Collected by: Edyte Konan															
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Depth (ft.)	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	GDGC TX	Remarks	
9:00	02.27.25	S	1	FS07	1	1'						X			
9:10	02.27.25	S	1	FS08	2	0-0.25'						X			
9:20	02.27.25	S	1	FS09	3	0-0.25'						X			
9:30	02.27.25	S	1	FS10	4	0-0.25'						X			
03/01/25															
Additional Instructions:															
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: EK															
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)		Date		Time		Received by: (Signature)		Date		Time		Lab Use Only			
[Signature]		03/04/25		10:35		[Signature]		3-4-25		1035		Received on ice: <input checked="" type="radio"/> Y / <input type="radio"/> N			
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		T1 T2 T3			
[Signature]		3-4-25		1745		[Signature]		3.4.25		1745					
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		AVG Temp °C			
[Signature]		3.4.25		2400		[Signature]		3.5.25		700		4			
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other															
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA															
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.															



envirotech

Envirotech Analytical Laboratory

Printed: 3/5/2025 9:29:45AM

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:	03/05/25 07:00	Work Order ID:	E503027
Phone:	(575) 748-0176	Date Logged In:	03/04/25 14:44	Logged In By:	Caitlin Mars
Email:	anna@etechnv.com	Due Date:	03/11/25 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

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

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

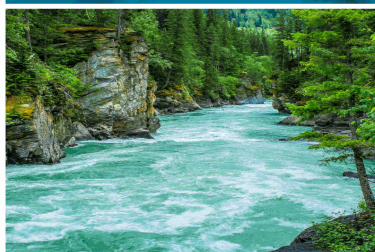
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Anna Byers



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: FLAGLER 8 CTB 1

Work Order: E502250

Job Number: 01058-0007

Received: 2/26/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/4/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.



Date Reported: 3/4/25

Anna Byers
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: FLAGLER 8 CTB 1
Workorder: E502250
Date Received: 2/26/2025 4:30:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/26/2025 4:30:00AM, under the Project Name: FLAGLER 8 CTB 1.

The analytical test results summarized in this report with the Project Name: FLAGLER 8 CTB 1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
Laboratory Director
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Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
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Sample Summary

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	03/04/25 08:11

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW01 0-2'	E502250-01A	Soil	02/24/25	02/26/25	Glass Jar, 2 oz.
SW02 0-2'	E502250-02A	Soil	02/24/25	02/26/25	Glass Jar, 2 oz.



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
3/4/2025 8:11:18AM

SW01 0-2'

E502250-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2509065	
Benzene	ND	0.0250	1	02/26/25	02/27/25	
Ethylbenzene	ND	0.0250	1	02/26/25	02/27/25	
Toluene	ND	0.0250	1	02/26/25	02/27/25	
o-Xylene	ND	0.0250	1	02/26/25	02/27/25	
p,m-Xylene	ND	0.0500	1	02/26/25	02/27/25	
Total Xylenes	ND	0.0250	1	02/26/25	02/27/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		82.5 %	70-130	02/26/25	02/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2509065	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/26/25	02/27/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.4 %	70-130	02/26/25	02/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM		Batch: 2509077	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/26/25	02/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/26/25	02/26/25	
<i>Surrogate: n-Nonane</i>		104 %	61-141	02/26/25	02/26/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2509069	
Chloride	38.2	20.0	1	02/26/25	02/26/25	



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
3/4/2025 8:11:18AM

SW02 0-2'

E502250-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2509065	
Benzene	ND	0.0250	1	02/26/25	02/27/25	
Ethylbenzene	ND	0.0250	1	02/26/25	02/27/25	
Toluene	ND	0.0250	1	02/26/25	02/27/25	
o-Xylene	ND	0.0250	1	02/26/25	02/27/25	
p,m-Xylene	ND	0.0500	1	02/26/25	02/27/25	
Total Xylenes	ND	0.0250	1	02/26/25	02/27/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		81.3 %	70-130	02/26/25	02/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2509065	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/26/25	02/27/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.3 %	70-130	02/26/25	02/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM		Batch: 2509077	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/26/25	02/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/26/25	02/26/25	
<i>Surrogate: n-Nonane</i>		105 %	61-141	02/26/25	02/26/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2509069	
Chloride	129	20.0	1	02/26/25	02/26/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	3/4/2025 8:11:18AM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2509065-BLK1) Prepared: 02/26/25 Analyzed: 02/27/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.81		8.00		85.1	70-130			

LCS (2509065-BS1) Prepared: 02/26/25 Analyzed: 02/27/25

Benzene	5.13	0.0250	5.00		103	70-130			
Ethylbenzene	4.95	0.0250	5.00		99.1	70-130			
Toluene	5.07	0.0250	5.00		101	70-130			
o-Xylene	4.91	0.0250	5.00		98.2	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.0	0.0250	15.0		99.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.69		8.00		83.6	70-130			

Matrix Spike (2509065-MS1) Source: E502243-01 Prepared: 02/26/25 Analyzed: 02/27/25

Benzene	5.26	0.0250	5.00	ND	105	54-133			
Ethylbenzene	5.08	0.0250	5.00	ND	102	61-133			
Toluene	5.21	0.0250	5.00	ND	104	61-130			
o-Xylene	5.04	0.0250	5.00	ND	101	63-131			
p,m-Xylene	10.3	0.0500	10.0	ND	103	63-131			
Total Xylenes	15.4	0.0250	15.0	ND	102	63-131			
Surrogate: 4-Bromochlorobenzene-PID	6.92		8.00		86.5	70-130			

Matrix Spike Dup (2509065-MSD1) Source: E502243-01 Prepared: 02/26/25 Analyzed: 02/27/25

Benzene	5.68	0.0250	5.00	ND	114	54-133	7.60	20	
Ethylbenzene	5.48	0.0250	5.00	ND	110	61-133	7.54	20	
Toluene	5.61	0.0250	5.00	ND	112	61-130	7.40	20	
o-Xylene	5.44	0.0250	5.00	ND	109	63-131	7.54	20	
p,m-Xylene	11.1	0.0500	10.0	ND	111	63-131	7.50	20	
Total Xylenes	16.6	0.0250	15.0	ND	110	63-131	7.51	20	
Surrogate: 4-Bromochlorobenzene-PID	6.73		8.00		84.2	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	3/4/2025 8:11:18AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2509065-BLK1) Prepared: 02/26/25 Analyzed: 02/27/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.45		8.00		93.1	70-130			

LCS (2509065-BS2) Prepared: 02/26/25 Analyzed: 02/27/25

Gasoline Range Organics (C6-C10)	46.8	20.0	50.0		93.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.55		8.00		94.3	70-130			

Matrix Spike (2509065-MS2) Source: E502243-01 Prepared: 02/26/25 Analyzed: 02/27/25

Gasoline Range Organics (C6-C10)	47.4	20.0	50.0	ND	94.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.40		8.00		92.5	70-130			

Matrix Spike Dup (2509065-MSD2) Source: E502243-01 Prepared: 02/26/25 Analyzed: 02/27/25

Gasoline Range Organics (C6-C10)	44.4	20.0	50.0	ND	88.9	70-130	6.40	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.38		8.00		92.2	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	3/4/2025 8:11:18AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2509077-BLK1)					Prepared: 02/26/25 Analyzed: 02/26/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.5		50.0		103	61-141			

LCS (2509077-BS1)					Prepared: 02/26/25 Analyzed: 02/26/25				
Diesel Range Organics (C10-C28)	260	25.0	250		104	66-144			
Surrogate: n-Nonane	52.1		50.0		104	61-141			

Matrix Spike (2509077-MS1)					Source: E502247-01		Prepared: 02/26/25 Analyzed: 02/26/25		
Diesel Range Organics (C10-C28)	363	25.0	250	56.5	123	56-156			
Surrogate: n-Nonane	54.1		50.0		108	61-141			

Matrix Spike Dup (2509077-MSD1)					Source: E502247-01		Prepared: 02/26/25 Analyzed: 02/26/25		
Diesel Range Organics (C10-C28)	397	25.0	250	56.5	136	56-156	8.99	20	
Surrogate: n-Nonane	51.6		50.0		103	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	3/4/2025 8:11:18AM

Anions by EPA 300.0/9056A

Analyst: AK

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

Blank (2509069-BLK1)					Prepared: 02/26/25 Analyzed: 02/26/25				
Chloride	ND	20.0							
LCS (2509069-BS1)					Prepared: 02/26/25 Analyzed: 02/26/25				
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2509069-MS1)					Source: E502242-03		Prepared: 02/26/25 Analyzed: 02/26/25		
Chloride	387	20.0	250	135	101	80-120			
Matrix Spike Dup (2509069-MSD1)					Source: E502242-03		Prepared: 02/26/25 Analyzed: 02/26/25		
Chloride	386	20.0	250	135	100	80-120	0.205	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:	FLAGLER 8 CTB 1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	03/04/25 08:11

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

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

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

envirotech

Envirotech Analytical Laboratory

Printed: 2/26/2025 10:02:02AM

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:	02/26/25 04:30	Work Order ID:	E502250
Phone:	(575) 748-0176	Date Logged In:	02/25/25 15:08	Logged In By:	Caitlin Mars
Email:	anna@etechnv.com	Due Date:	03/04/25 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

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

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

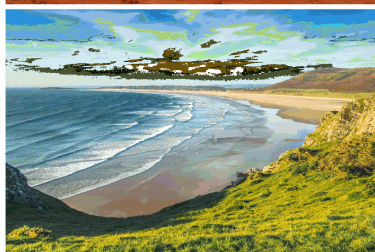
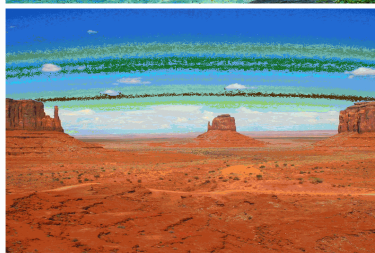
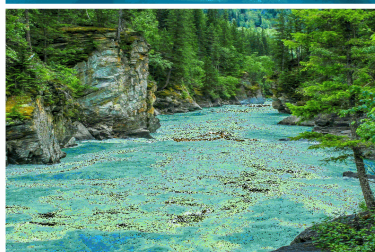
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Anna Byers



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: FLAGLER 8 CTB 1

Work Order: E503026

Job Number: 01058-0007

Received: 3/5/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/10/25

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: 3/10/25



Anna Byers
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: FLAGLER 8 CTB 1
Workorder: E503026
Date Received: 3/5/2025 7:00:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/5/2025 7:00:00AM, under the Project Name: FLAGLER 8 CTB 1.

The analytical test results summarized in this report with the Project Name: FLAGLER 8 CTB 1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
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Sample Summary

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	03/10/25 11:30

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW04 0-1'	E503026-01A	Soil	02/27/25	03/05/25	Glass Jar, 2 oz.
SW05 0-1'	E503026-02A	Soil	02/27/25	03/05/25	Glass Jar, 2 oz.
SW06 0-1'	E503026-03A	Soil	02/27/25	03/05/25	Glass Jar, 2 oz.



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
3/10/2025 11:30:03AM

SW04 0-1'

E503026-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2510081
Benzene	ND	0.0250	1	03/05/25	03/06/25	
Ethylbenzene	ND	0.0250	1	03/05/25	03/06/25	
Toluene	ND	0.0250	1	03/05/25	03/06/25	
o-Xylene	ND	0.0250	1	03/05/25	03/06/25	
p,m-Xylene	ND	0.0500	1	03/05/25	03/06/25	
Total Xylenes	ND	0.0250	1	03/05/25	03/06/25	
Surrogate: Bromofluorobenzene	94.8 %	70-130		03/05/25	03/06/25	
Surrogate: 1,2-Dichloroethane-d4	97.7 %	70-130		03/05/25	03/06/25	
Surrogate: Toluene-d8	96.9 %	70-130		03/05/25	03/06/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2510081
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/05/25	03/06/25	
Surrogate: Bromofluorobenzene	94.8 %	70-130		03/05/25	03/06/25	
Surrogate: 1,2-Dichloroethane-d4	97.7 %	70-130		03/05/25	03/06/25	
Surrogate: Toluene-d8	96.9 %	70-130		03/05/25	03/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2510076
Diesel Range Organics (C10-C28)	ND	25.0	1	03/05/25	03/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/05/25	03/06/25	
Surrogate: n-Nonane	101 %	61-141		03/05/25	03/06/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2510074
Chloride	11500	200	10	03/05/25	03/05/25	



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
3/10/2025 11:30:03AM

SW05 0-1'

E503026-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2510081
Benzene	ND	0.0250	1	03/05/25	03/06/25	
Ethylbenzene	ND	0.0250	1	03/05/25	03/06/25	
Toluene	ND	0.0250	1	03/05/25	03/06/25	
o-Xylene	ND	0.0250	1	03/05/25	03/06/25	
p,m-Xylene	ND	0.0500	1	03/05/25	03/06/25	
Total Xylenes	ND	0.0250	1	03/05/25	03/06/25	
Surrogate: Bromofluorobenzene	98.7 %	70-130		03/05/25	03/06/25	
Surrogate: 1,2-Dichloroethane-d4	96.2 %	70-130		03/05/25	03/06/25	
Surrogate: Toluene-d8	99.2 %	70-130		03/05/25	03/06/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2510081
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/05/25	03/06/25	
Surrogate: Bromofluorobenzene	98.7 %	70-130		03/05/25	03/06/25	
Surrogate: 1,2-Dichloroethane-d4	96.2 %	70-130		03/05/25	03/06/25	
Surrogate: Toluene-d8	99.2 %	70-130		03/05/25	03/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2510076
Diesel Range Organics (C10-C28)	ND	25.0	1	03/05/25	03/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/05/25	03/06/25	
Surrogate: n-Nonane	102 %	61-141		03/05/25	03/06/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2510074
Chloride	12300	200	10	03/05/25	03/05/25	



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
3/10/2025 11:30:03AM

SW06 0-1'

E503026-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2510081
Benzene	ND	0.0250	1	03/05/25	03/06/25	
Ethylbenzene	ND	0.0250	1	03/05/25	03/06/25	
Toluene	ND	0.0250	1	03/05/25	03/06/25	
o-Xylene	ND	0.0250	1	03/05/25	03/06/25	
p,m-Xylene	ND	0.0500	1	03/05/25	03/06/25	
Total Xylenes	ND	0.0250	1	03/05/25	03/06/25	
Surrogate: Bromofluorobenzene	95.4 %	70-130		03/05/25	03/06/25	
Surrogate: 1,2-Dichloroethane-d4	96.6 %	70-130		03/05/25	03/06/25	
Surrogate: Toluene-d8	96.7 %	70-130		03/05/25	03/06/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2510081
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/05/25	03/06/25	
Surrogate: Bromofluorobenzene	95.4 %	70-130		03/05/25	03/06/25	
Surrogate: 1,2-Dichloroethane-d4	96.6 %	70-130		03/05/25	03/06/25	
Surrogate: Toluene-d8	96.7 %	70-130		03/05/25	03/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2510076
Diesel Range Organics (C10-C28)	ND	25.0	1	03/05/25	03/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/05/25	03/06/25	
Surrogate: n-Nonane	101 %	61-141		03/05/25	03/06/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2510074
Chloride	186	20.0	1	03/05/25	03/05/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	3/10/2025 11:30:03AM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

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

Blank (2510081-BLK1)

Prepared: 03/05/25 Analyzed: 03/06/25

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	0.476		0.500		95.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.7	70-130			
Surrogate: Toluene-d8	0.489		0.500		97.7	70-130			

LCS (2510081-BS1)

Prepared: 03/05/25 Analyzed: 03/06/25

Benzene	2.17	0.0250	2.50		86.9	70-130			
Ethylbenzene	2.20	0.0250	2.50		87.9	70-130			
Toluene	2.14	0.0250	2.50		85.8	70-130			
o-Xylene	2.22	0.0250	2.50		88.6	70-130			
p,m-Xylene	4.37	0.0500	5.00		87.4	70-130			
Total Xylenes	6.59	0.0250	7.50		87.8	70-130			
Surrogate: Bromofluorobenzene	0.496		0.500		99.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.3	70-130			
Surrogate: Toluene-d8	0.487		0.500		97.4	70-130			

Matrix Spike (2510081-MS1)

Source: E503025-04

Prepared: 03/05/25 Analyzed: 03/06/25

Benzene	2.25	0.0250	2.50	ND	89.8	48-131			
Ethylbenzene	2.31	0.0250	2.50	ND	92.4	45-135			
Toluene	2.25	0.0250	2.50	ND	89.9	48-130			
o-Xylene	2.28	0.0250	2.50	ND	91.1	43-135			
p,m-Xylene	4.55	0.0500	5.00	ND	90.9	43-135			
Total Xylenes	6.83	0.0250	7.50	ND	91.0	43-135			
Surrogate: Bromofluorobenzene	0.489		0.500		97.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.478		0.500		95.6	70-130			
Surrogate: Toluene-d8	0.491		0.500		98.1	70-130			

Matrix Spike Dup (2510081-MSD1)

Source: E503025-04

Prepared: 03/05/25 Analyzed: 03/06/25

Benzene	2.22	0.0250	2.50	ND	88.6	48-131	1.35	23	
Ethylbenzene	2.22	0.0250	2.50	ND	89.0	45-135	3.82	27	
Toluene	2.16	0.0250	2.50	ND	86.4	48-130	3.97	24	
o-Xylene	2.23	0.0250	2.50	ND	89.0	43-135	2.33	27	
p,m-Xylene	4.43	0.0500	5.00	ND	88.6	43-135	2.57	27	
Total Xylenes	6.66	0.0250	7.50	ND	88.8	43-135	2.49	27	
Surrogate: Bromofluorobenzene	0.492		0.500		98.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.3	70-130			
Surrogate: Toluene-d8	0.479		0.500		95.7	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	3/10/2025 11:30:03AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2510081-BLK1)

Prepared: 03/05/25 Analyzed: 03/06/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.476		0.500		95.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.7	70-130			
Surrogate: Toluene-d8	0.489		0.500		97.7	70-130			

LCS (2510081-BS2)

Prepared: 03/05/25 Analyzed: 03/06/25

Gasoline Range Organics (C6-C10)	50.8	20.0	50.0		102	70-130			
Surrogate: Bromofluorobenzene	0.488		0.500		97.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.4	70-130			
Surrogate: Toluene-d8	0.503		0.500		101	70-130			

Matrix Spike (2510081-MS2)

Source: E503025-04

Prepared: 03/05/25 Analyzed: 03/06/25

Gasoline Range Organics (C6-C10)	54.2	20.0	50.0	ND	108	70-130			
Surrogate: Bromofluorobenzene	0.492		0.500		98.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.488		0.500		97.6	70-130			
Surrogate: Toluene-d8	0.502		0.500		100	70-130			

Matrix Spike Dup (2510081-MSD2)

Source: E503025-04

Prepared: 03/05/25 Analyzed: 03/06/25

Gasoline Range Organics (C6-C10)	51.1	20.0	50.0	ND	102	70-130	5.98	20	
Surrogate: Bromofluorobenzene	0.487		0.500		97.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.474		0.500		94.7	70-130			
Surrogate: Toluene-d8	0.497		0.500		99.4	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	3/10/2025 11:30:03AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2510076-BLK1)					Prepared: 03/05/25 Analyzed: 03/05/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.6		50.0		99.2	61-141			

LCS (2510076-BS1)					Prepared: 03/05/25 Analyzed: 03/05/25				
Diesel Range Organics (C10-C28)	236	25.0	250		94.4	66-144			
Surrogate: n-Nonane	50.4		50.0		101	61-141			

Matrix Spike (2510076-MS1)					Source: E503022-04		Prepared: 03/05/25 Analyzed: 03/05/25		
Diesel Range Organics (C10-C28)	598	25.0	250	371	90.9	56-156			
Surrogate: n-Nonane	53.5		50.0		107	61-141			

Matrix Spike Dup (2510076-MSD1)					Source: E503022-04		Prepared: 03/05/25 Analyzed: 03/05/25		
Diesel Range Organics (C10-C28)	629	25.0	250	371	104	56-156	5.15	20	
Surrogate: n-Nonane	51.6		50.0		103	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	3/10/2025 11:30:03AM

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (2510074-BLK1)					Prepared: 03/05/25 Analyzed: 03/05/25				
Chloride	ND	20.0							
LCS (2510074-BS1)					Prepared: 03/05/25 Analyzed: 03/05/25				
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2510074-MS1)					Source: E503022-03		Prepared: 03/05/25 Analyzed: 03/05/25		
Chloride	797	20.0	250	544	101	80-120			
Matrix Spike Dup (2510074-MSD1)					Source: E503022-03		Prepared: 03/05/25 Analyzed: 03/05/25		
Chloride	790	20.0	250	544	98.5	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:	FLAGLER 8 CTB 1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	03/10/25 11:30

- ND Analyte NOT DETECTED at or above the reporting limit
 - NR Not Reported
 - RPD Relative Percent Difference
 - DNI Did Not Ignite
 - DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with ** are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Client: Devon Energy Production Co LP				Bill To		Lab Use Only				TAT				EPA Program				
Project: FLAGLER 8 CTB 1				Attention: Jim Raley		Lab WO#		Job Number		1D	2D	3D	Standard	CWA	SDWA			
Project Manager: Anna Byers				Address: 5315 Buena Vista Dr.		E5030210		01058-0007					5 day TAT					
Address: 13000 W County Rd 100				City, State, Zip: Carlsbad, NM, 88220		Analysis and Method									RCRA			
City, State, Zip: Odessa, TX, 79765				Phone: 575-885-7502		Depth (ft.)	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	GDOC TX	State				
Phone: 432-305-6415				Email: jim.raley@devn.com										NM	CO	UT	AZ	TX
Email: Devon-team@etechnv.com				WO: 21480746														
Project #: 21660				Incident ID: nAPP2500825819														
Collected by: Edyte Konan																		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number									Remarks				
9:40	02.27.25	S	1	SW04	1	0-1'						X						
9:50	02.27.25	S	1	SW05	2	0-1'						X						
10:00	02.27.25	S	1	SW06	3	0-1'						X						
												X						
03/04/25																		
Additional Instructions:																		
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: EK																		
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only										
[Signature]		02/04/25	10:35	Marissa Gonzalez		3-4-25	1035	Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N										
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 T2 T3										
Marissa Gonzalez		3-4-25	1745	John H.		3-4-25	1745											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	AVG Temp °C										
John H.		3-4-25	2400	Dante Man		3-5-25	100	4										
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other						Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA												
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																		



envirotech

Envirotech Analytical Laboratory

Printed: 3/5/2025 9:27:08AM

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:	03/05/25 07:00	Work Order ID:	E503026
Phone:	(575) 748-0176	Date Logged In:	03/04/25 14:35	Logged In By:	Caitlin Mars
Email:	anna@etechnv.com	Due Date:	03/11/25 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

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

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

APPENDIX G

Correspondence & Notifications

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 418705

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 418705
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2500825819
Incident Name	NAPP2500825819 FLAGLER 8 CTB 1 @ 0
Incident Type	Produced Water Release
Incident Status	Notification Accepted
Incident Facility	[fAPP2122855254] FLAGLER 8 CTB 1

Location of Release Source	
Site Name	FLAGLER 8 CTB 1
Date Release Discovered	01/07/2025
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	2,219
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	01/15/2025
Time sampling will commence	07:00 AM
Please provide any information necessary for observers to contact samplers	Please contact Erick Herrera at 432-305-6416 with any questions
Please provide any information necessary for navigation to sampling site	From the intersection of Co Rd 2 and Resource Ln stay right at the fork and head south for 2.5 miles, turn right for 2.2 miles to reach Flagler CTB (32.14004, -103.59053).

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 418705

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 418705
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jralej	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	1/8/2025

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

QUESTIONS

Action 425661

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 425661
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2500825819
Incident Name	NAPP2500825819 FLAGLER 8 CTB 1 @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2122855254] FLAGLER 8 CTB 1

Location of Release Source	
Site Name	FLAGLER 8 CTB 1
Date Release Discovered	01/07/2025
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	2,219
What is the estimated number of samples that will be gathered	20
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/30/2025
Time sampling will commence	10:00 AM
Please provide any information necessary for observers to contact samplers	Please contact Erick Herrera at 432-305-6416.
Please provide any information necessary for navigation to sampling site	From the intersection of Co Rd 2 and Resource Ln stay right at the fork and head south for 2.5 miles, turn right for 2.2 miles to reach Flagler CTB (32.14004, -103.59053).

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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 425661

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 425661
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jralej	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	1/28/2025

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

QUESTIONS

Action 432362

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 432362
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2500825819
Incident Name	NAPP2500825819 FLAGLER 8 CTB 1 @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2122855254] FLAGLER 8 CTB 1

Location of Release Source	
Site Name	FLAGLER 8 CTB 1
Date Release Discovered	01/07/2025
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	2,219
What is the estimated number of samples that will be gathered	25
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/24/2025
Time sampling will commence	07:00 AM
Please provide any information necessary for observers to contact samplers	Please contact Erick Herrera at 432-305-6416 with any questions
Please provide any information necessary for navigation to sampling site	From the intersection of Co Rd 2 and Resource Ln stay right at the fork and head south for 2.5 miles, turn right for 2.2 miles to reach Flagler CTB (32.14004, -103.59053).

Sante Fe Main Office
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General Information
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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 432362

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 432362
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jralej	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.	2/14/2025

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

QUESTIONS

Action 432363

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 432363
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2500825819
Incident Name	NAPP2500825819 FLAGLER 8 CTB 1 @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2122855254] FLAGLER 8 CTB 1

Location of Release Source	
Site Name	FLAGLER 8 CTB 1
Date Release Discovered	01/07/2025
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	2,219
What is the estimated number of samples that will be gathered	25
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/25/2025
Time sampling will commence	07:00 AM
Please provide any information necessary for observers to contact samplers	Please contact Erick Herrera at 432-305-6416 with any questions
Please provide any information necessary for navigation to sampling site	From the intersection of Co Rd 2 and Resource Ln stay right at the fork and head south for 2.5 miles, turn right for 2.2 miles to reach Flagler CTB (32.14004, -103.59053).

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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 432363

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 432363
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jralej	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.	2/14/2025

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

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

QUESTIONS

Action 432366

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 432366
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2500825819
Incident Name	NAPP2500825819 FLAGLER 8 CTB 1 @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2122855254] FLAGLER 8 CTB 1

Location of Release Source	
Site Name	FLAGLER 8 CTB 1
Date Release Discovered	01/07/2025
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	2,219
What is the estimated number of samples that will be gathered	25
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/27/2025
Time sampling will commence	07:00 AM
Please provide any information necessary for observers to contact samplers	Please contact Erick Herrera at 432-305-6416 with any questions
Please provide any information necessary for navigation to sampling site	From the intersection of Co Rd 2 and Resource Ln stay right at the fork and head south for 2.5 miles, turn right for 2.2 miles to reach Flagler CTB (32.14004, -103.59053).

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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 432366

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 432366
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jralej	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.	2/14/2025

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

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

QUESTIONS

Action 449440

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 449440
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2500825819
Incident Name	NAPP2500825819 FLAGLER 8 CTB 1 @ 0
Incident Type	Produced Water Release
Incident Status	Deferral Request Received
Incident Facility	[fAPP2122855254] FLAGLER 8 CTB 1

Location of Release Source*Please answer all the questions in this group.*

Site Name	FLAGLER 8 CTB 1
Date Release Discovered	01/07/2025
Surface Owner	Federal

Incident Details*Please answer all the questions in this group.*

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

Nature and Volume of Release*Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.*

Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Corrosion Flow Line - Production Produced Water Released: 8 BBL Recovered: 0 BBL Lost: 8 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Pinhole leak on water line of 30H vessel allowed the release of approx. 8 bbls produced water to pad surface. No fluids recovered.

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QUESTIONS, Page 2

Action 449440

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 449440
	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	<i>Unavailable.</i>
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	<i>Not answered.</i>

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 04/08/2025
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QUESTIONS, Page 3

Action 449440

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 449440
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 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 and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 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	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	2610
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	20200
GRO+DRO (EPA SW-846 Method 8015M)	14800
BTEX (EPA SW-846 Method 8021B or 8260B)	4.4
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	01/15/2025
On what date will (or did) the final sampling or liner inspection occur	02/27/2025
On what date will (or was) the remediation complete(d)	02/27/2025
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	233
What is the estimated volume (in cubic yards) that will be remediated	17
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 4

Action 449440

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 449440
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	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.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 04/08/2025
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 449440

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 449440
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Deferral Requests Only	
<i>Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	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	Active production equipment and three phase separator.
What is the remaining surface area (in square feet) that will still need to be remediated if a deferral is granted	233
What is the remaining volume (in cubic yards) that will still need to be remediated if a deferral is granted	17
<i>Per Paragraph (2) of Subsection C of 19.15.29.12 NMAC if contamination is located in areas immediately under or around production equipment such as production tanks, wellheads and pipelines where remediation could cause a major facility deconstruction, the remediation, restoration and reclamation may be deferred with division written approval until the equipment is removed during other operations, or when the well or facility is plugged or abandoned, whichever comes first.</i>	
Enter the facility ID (f#) on which this deferral should be granted	FLAGLER 8 CTB 1 [fAPP2122855254]
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
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dv.com Date: 04/08/2025

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Action 449440

QUESTIONS (continued)

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	Action Number: 449440
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	440338
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/11/2025
What was the (estimated) number of samples that were to be gathered	25
What was the sampling surface area in square feet	2219

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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CONDITIONS

Action 449440

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 449440
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

CONDITIONS

Created By	Condition	Condition Date
scwells	Deferral approved. Deferral of FS10, SW04 and SW05 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. Note for future releases at this site the minimum distance to a significant watercourse is 1-5 miles.	4/28/2025