



CLOSURE REQUEST REPORT

Prepared For:

Devon Energy Production Company, LP

5315 Buena Vista Dr.

Carlsbad, NM 88220

Site Information:

Flagler 8 CTB 1

Incident Number nAPP2106147760

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

Lea County, New Mexico

(32.140567°, -103.601127°)

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 Closure Request Report (CRR) detailing excavation soil sampling activities and subsequent reclamation activities conducted in accordance with an approved Site Characterization and Remediation Plan (SCRP) to address an inadvertent release of crude oil at the Flagler 8 CTB 1 (Site) (**Figure 1** in **Appendix A**). As originally documented in the SCRCP, a Victaulic clamp failure caused the release of approximately 12.2 barrels (bbls) of crude oil onto the production pad surface. The SCRCP proposed corrective actions to address identified impacts exceeding the applicable Site Closure Criteria. The SCRCP was received on June 17, 2024, and was subsequently approved by the NMOCD on June 28, 2024. Due to the extent of the impacted area, the approval included a variance for confirmation soil sample to represent a maximum frequency of 500 square feet (sqft).

Based on completed remedial actions and laboratory analytical results from final confirmation soil sampling activities at the Site, Devon is requesting No Further Remedial Action (NFRA) for Incident Number nAPP2106147760 until the Site undergoes major plugging and abandonment (P&A) and a subsequent well pad reclamation.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

As previously described in the SCRCP 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.

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**.

EXCAVATION SOIL SAMPLING ACTIVITIES

From January 13, 2025, through January 22, 2025, Etech oversaw the excavation of identified impacts via mechanical equipment based on proposed corrective actions detailed in the approved SCRP and field screening results for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride using Hach® chloride QuanTab® test strips. Following the removal of impacted soil, Etech collected 5-point composite confirmation excavation soil samples from the floors (FS01 through FS20) and sidewalls (SW01 through SW18) of the excavation at the approved confirmation soil sampling frequency of 500 sqft. The 5-point composite confirmation soil samples were comprised of five equivalent aliquots homogenized in a 1-gallon, resealable plastic bag. The samples were then placed on ice and transported under strict chain-of-custody procedures to Envirotech, Inc. in Farmington, New Mexico for analysis of the COCs.

Approximately 1,750 cubic yards (CY) of impacted soil were excavated and removed from the Site. Impacted soil was transported to a waste management facility under Devon approved manifests. The excavation extent and location of confirmation excavation soil samples are shown in **Figure 2** in **Appendix A**. Photographic documentation of excavation activities is included in **Appendix C**.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results indicated that concentrations of COCs for all confirmation soil samples were below the applicable Site Closure Criteria and/or reclamation standard. Laboratory analytical results are summarized in **Table 1** included in **Appendix D**. The executed chain-of-custody forms and laboratory analytical results are provided in **Appendix E**.

FUTURE RECLAMATION

On March 13, 2025, the excavation, which totaled approximately 9,866 sqft, was backfilled with 1,750 CY of clean, locally sourced soil and the Site was restored to “as close to its original state” as possible. The final soil cover was contoured to match the Site’s pre-existing construction grade to prevent ponding of water and erosion. Reclamation efforts will continue with the reseeding process, which will be conducted following P&A activities and final restoration of the Site. The Site will be reseeded with BLM Seed Mix #2 (LPC Sand/Shinnery Sites) which will be hand-broadcasted over the entire disturbed area following BLM guidelines (**Appendix G**). The selected seed blend will provide the maximum results of vegetation regrowth and ground surface coverage to match pre-existing conditions at the Site. Site inspections will be performed annually to assess the revegetation progress and evaluate the Site for the presence or absence of primary and/or secondary noxious weeds. If no growth is shown within a year of the next favorable growing season, the Site will be reseeded accordingly. If noxious weeds are identified, Devon will address them accordingly. Please note that a minimum of 2 feet bgs of soil cover will be topsoil with respect to final reclamation. The location of the reclaimed area is shown in **Figure 3** in **Appendix A**. Photographic documentation of restoration activities is included in **Appendix C**.

Concurrently with backfilling activities, Etech assessed the backfill material for its capacity to host vegetative growth. Four 5-point composite soil samples of the backfill material (STKP01 through STKP04) were collected, handled, and analyzed by Envirotech as previously described. For comparison, one discrete background soil sample (BG01) was collected from the pasture, outside the Site production disturbance area, at 0.25-foot bgs via hand shovel for the purpose of field screening only. Soil samples STKP01 through STKP04 and BG01 were field screened for VOCs and chloride, as previously described,

and qualitatively evaluated for nutrient density of pH, Nitrogen (N), Phosphorus (P), and Potassium (K) utilizing a HoldAll® Soil Test Kit according to the operating manual, which is included in **Appendix F**.

Laboratory analytical results indicated that the backfill material was in compliance with the reclamation standard, and field screening results indicated that the backfill material appears to correlate with surrounding soil conditions currently supporting native vegetative growth. Laboratory analytical results and field screening results are summarized in **Table 1** and **Table 2** included in **Appendix D**.

CLOSURE REQUEST

Based on laboratory analytical results, Devon believes that residual soil impacts associated with the inadvertent release have been excavated and removed from Site and returned "as close to its original state" as possible. Concentrations of COCs for all confirmation soil samples were below the Site Closure Criteria and/or reclamation standard. As such, NFRA appears warranted at this time and the status of Incident Number nAPP2106147760 should be respectfully considered for Closure. Due to the active status of the well pad where the inadvertent release occurred, the top 4 feet of the AOC is not ready to undergo complete reclamation in which the primary purpose is to reestablish vegetation.

Devon will continue to monitor and assess the Site during P&A activities to ensure proper handling of the AOC. A final Reclamation Report will be submitted following P&A activities to document the completion or reclamation efforts and confirm that the site meets all regulatory requirements set forth in NMAC 19.15.29.13, documenting the process of restoring the Site to its pre-disturbance condition following "final" reclamation of the facility.

If you have any questions or comments, please do not hesitate to contact Joseph Hernandez at (432) 305-6413 or joseph@etechenv.com or Erick Herrera (432) 305-6416 or erick@etechenv.com. **Appendix H** provides correspondence email notification receipts associated with the subject release. The approved SCRP is included in **Appendix I**.

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: Excavation Soil Sample Locations

Figure 3: Restoration Area

Appendix B: Referenced Well Records

Appendix C: Photographic Log

Appendix D: Tables

Appendix E: Laboratory Analytical Reports & Chain-of-Custody Documentation

Appendix F: HoldAll® Operating Manual

Appendix G: BLM Seed Mixture 2, for LPC Sand/Shinnery Sites

Appendix H: Correspondence & Notifications

Appendix I: Archived Reports

APPENDIX A

Figures

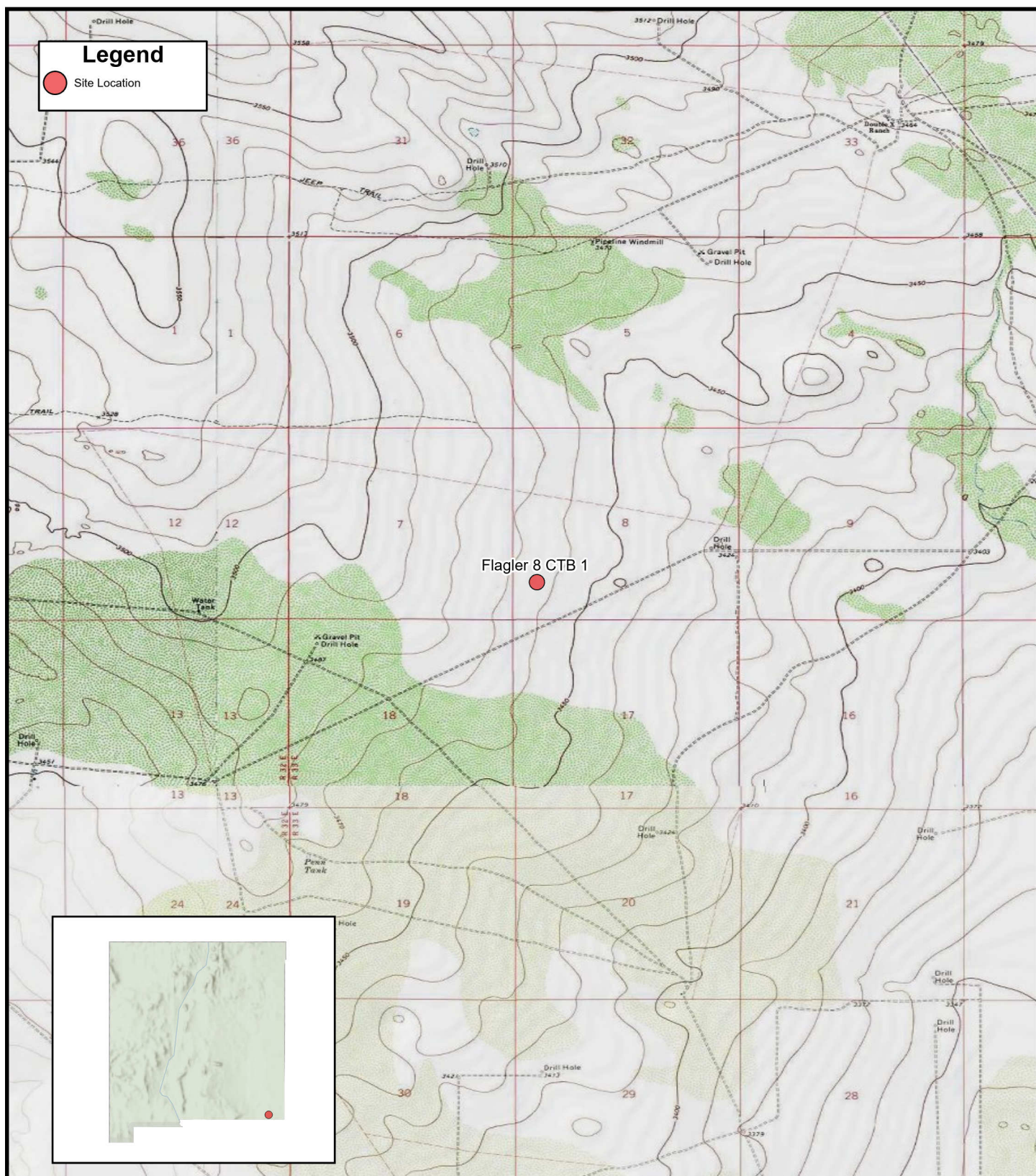


FIGURE 1

Site Location Map

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



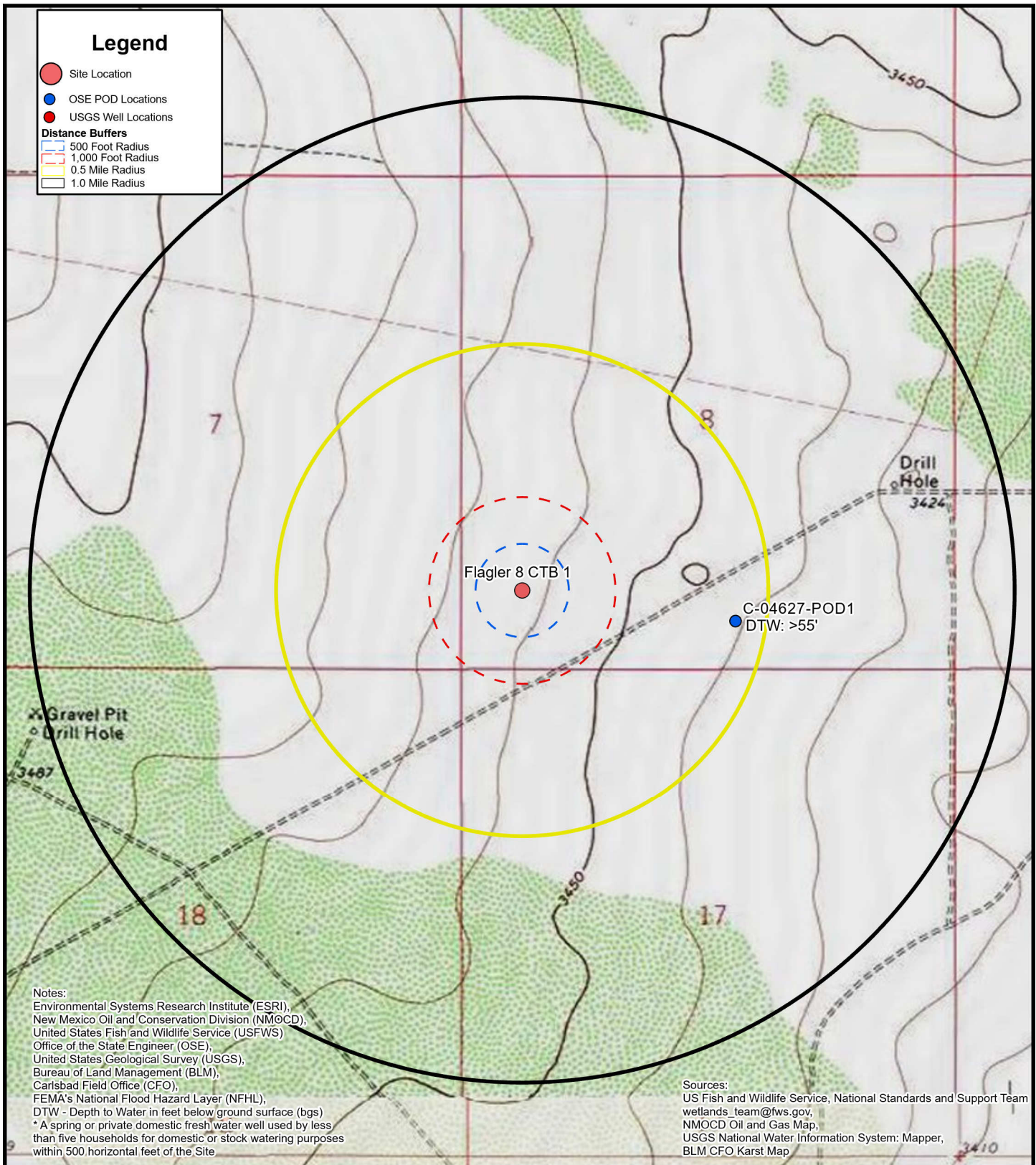
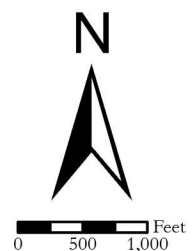
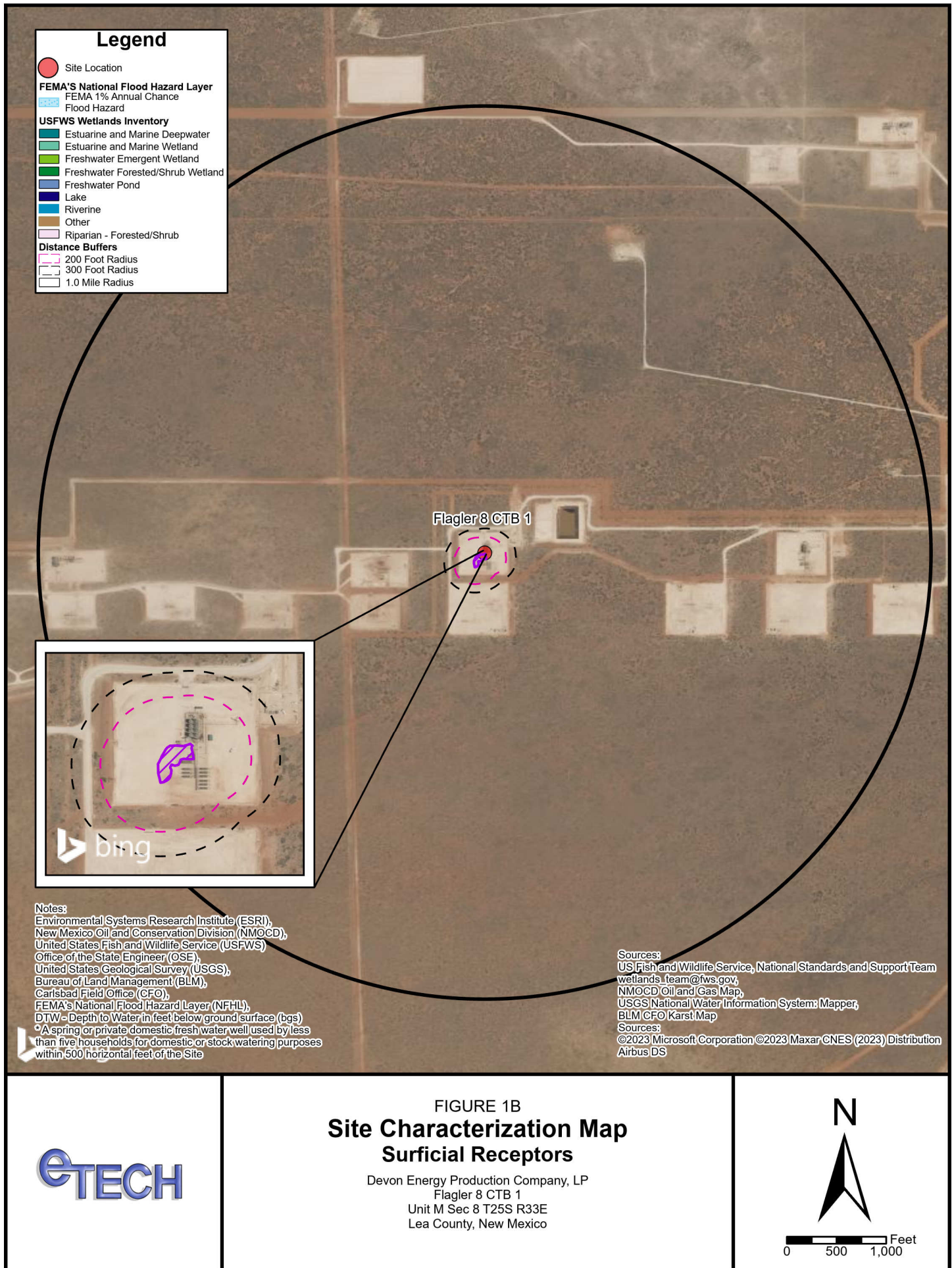
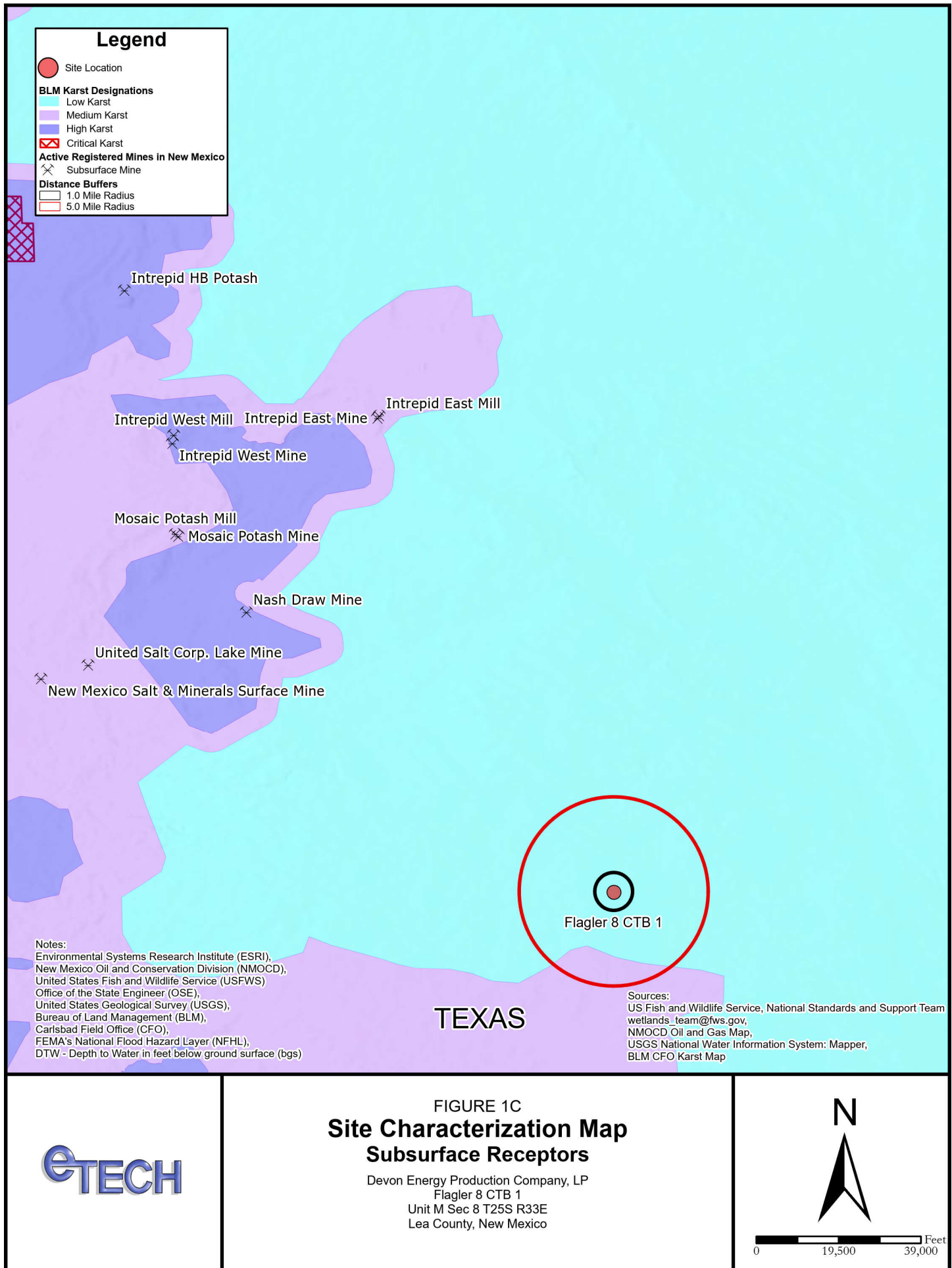


FIGURE 1A
**Site Characterization Map
Groundwater**

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







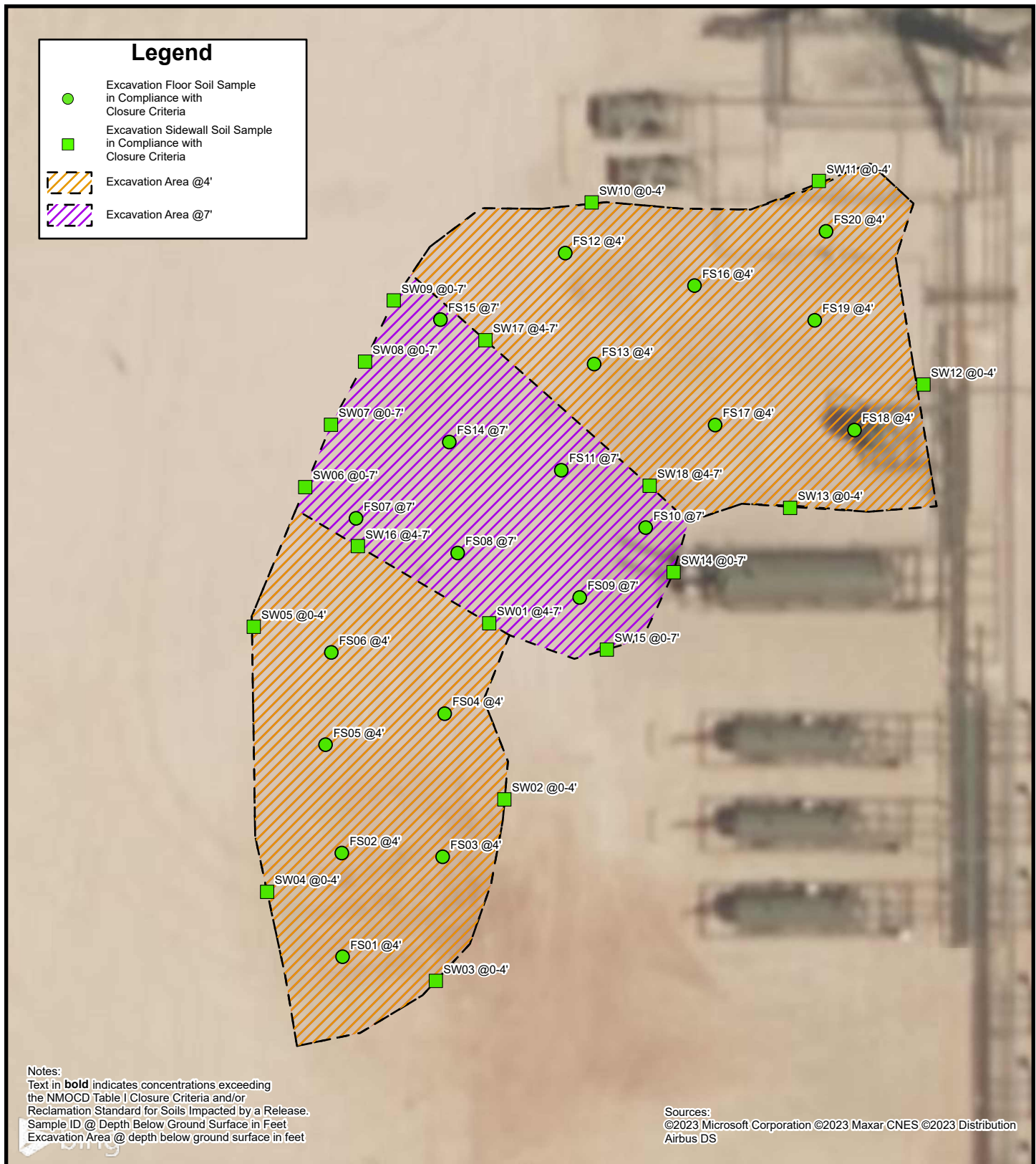
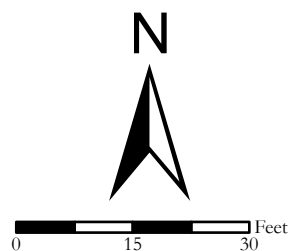
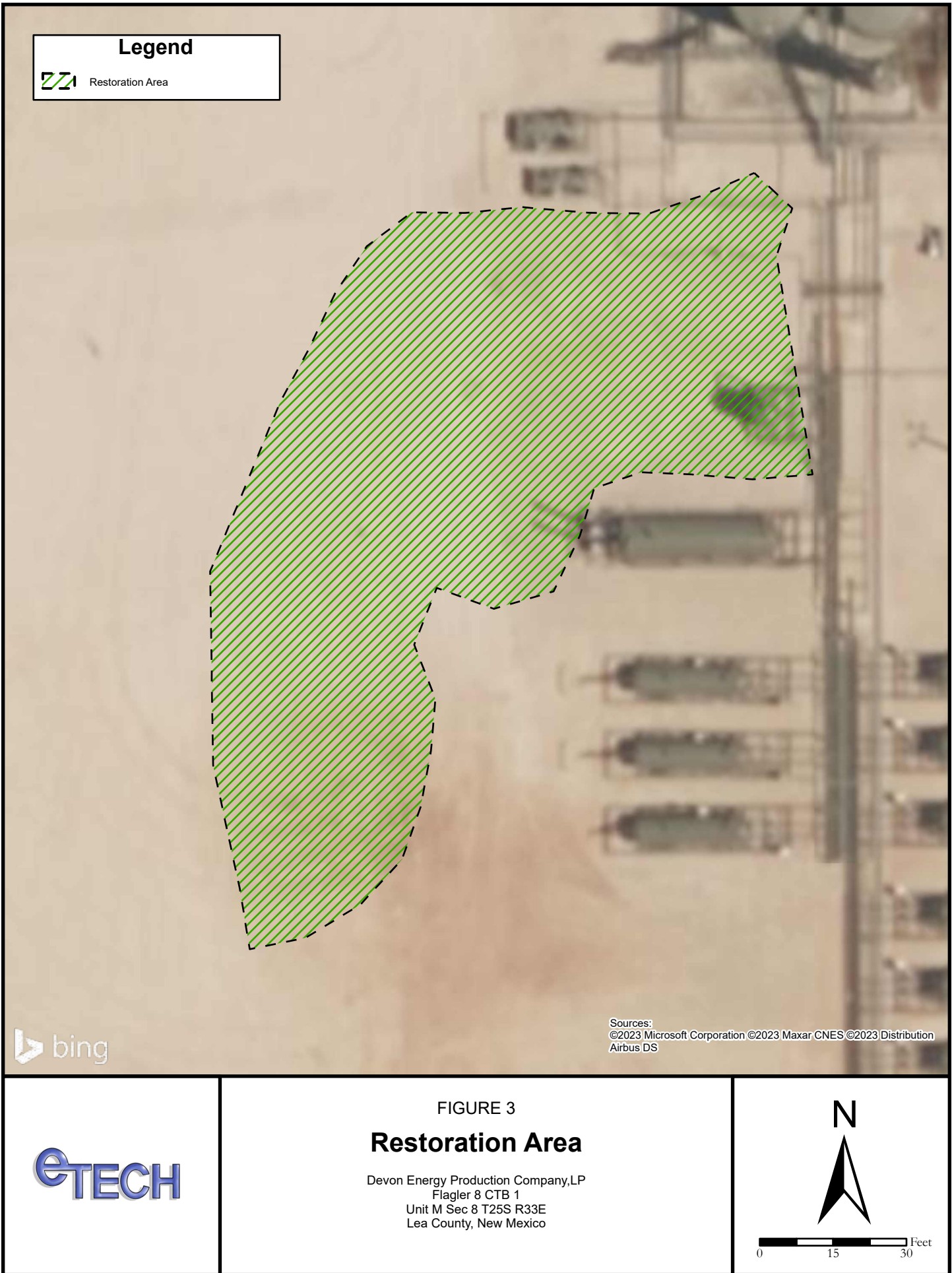


FIGURE 2

Excavation Soil Sample Locations

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





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 * DATUM REQUIRED: WGS 84		
		LONGITUDE 103	35	36.25 W			
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)
	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> </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	
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

Photographic Log

P.O. Box 62228 Midland • TX • 79711 • Tel: 432-563-2200 • Fax: 432-563-2213



**PHOTOGRAPHIC LOG**

Devon Energy Production Company, LP

Flagler 8 CTB 1

Incident Number nAPP2106147760

Date & Time: Wed, Jan 15, 2025 at 13:27:16 MST
 Position: +032.140155° / -103.601326° (±15.6ft)
 Altitude: 3482ft (±13.2ft)
 Datum: WGS-84
 Azimuth/Bearing: 338° N22W 6009mils True (±11°)
 Elevation Angle: -13.1°
 Horizon Angle: -01.8°
 Zoom: 0.5X
 Flagler 8 CTB

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

Description: Northwestern view of excavation activities.

Date & Time: Wed, Jan 15, 2025 at 13:27:40 MST
 Position: +032.140307° / -103.601221° (±11.8ft)
 Altitude: 3475ft (±9.8ft)
 Datum: WGS-84
 Azimuth/Bearing: 220° N70W 5156mils True (±11°)
 Elevation Angle: -15.0°
 Horizon Angle: -01.5°
 Zoom: 0.5X
 Flagler 8 CTB

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

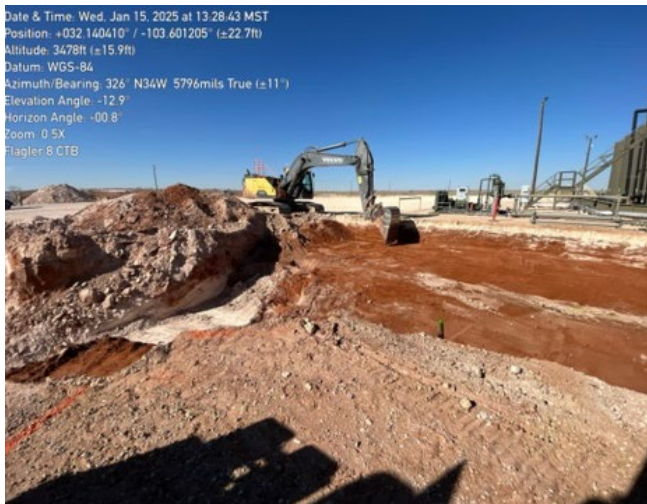
Description: Northwestern view of excavation activities.

Date & Time: Wed, Jan 15, 2025 at 13:28:26 MST
 Position: +032.140376° / -103.601077° (±13.1ft)
 Altitude: 3475ft (±10.1ft)
 Datum: WGS-84
 Azimuth/Bearing: 300° N40W 5333mils True (±11°)
 Elevation Angle: -17.7°
 Horizon Angle: -00.4°
 Zoom: 0.5X
 Flagler 8 CTB

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

Description: Northwestern view of excavation activities.

Date & Time: Wed, Jan 15, 2025 at 13:28:43 MST
 Position: +032.140410° / -103.601205° (±22.7ft)
 Altitude: 3478ft (±15.9ft)
 Datum: WGS-84
 Azimuth/Bearing: 326° N34W 5796mils True (±11°)
 Elevation Angle: -12.9°
 Horizon Angle: -00.8°
 Zoom: 0.5X
 Flagler 8 CTB

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

Description: Northwestern view of excavation activities.



PHOTOGRAPHIC LOG

Devon Energy Production Company, LP

Flagler 8 CTB 1

Incident Number nAPP2106147760



Photograph 5

Date: 01/15/2025

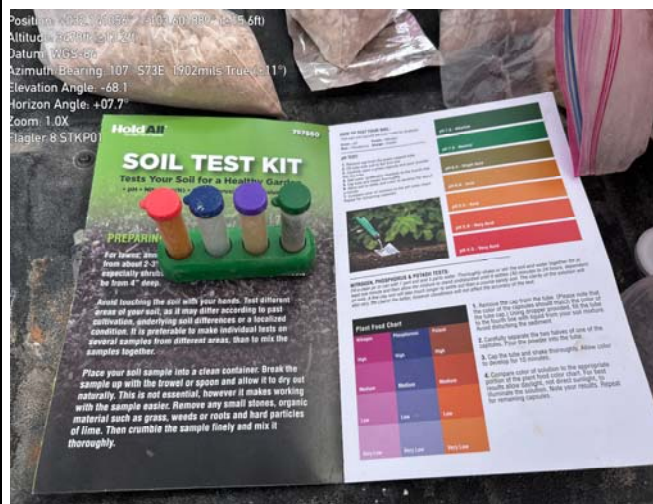
Description: Northwestern view of excavation activities



Photograph 6

Date: 01/30/2025

Description: Eastern view of excavation activities



Photograph 7

Date: 03/06/2025

Description: Southeastern view of results of the nutrient soil test for backfill STKP01 material.



Photograph 8

Date: 03/06/2025

Description: Southeastern view of results of the nutrient soil test for backfill STKP03 material.

**PHOTOGRAPHIC LOG**

Devon Energy Production Company, LP

Flagler 8 CTB 1

Incident Number nAPP2106147760

Position: +082.140663° / -108.601666° (±16.6M)
 Altitude: 3778ft (±19.2M)
 Datum: WGS-84
 Azimuth/Bearing: 88° N88E 1620mils True (±10°)
 Elevation Angle: -04.6°
 Horizon Angle: -00.6°
 Zoom: 0.5X
 Flagler 8 CTB

**Photograph 9****Date: 03/14/2025**

Description: Northeastern view of completed restoration.

Position: +082.140621° / -108.601235° (±20.9M)
 Altitude: 3448ft (±7.8M)
 Datum: WGS-84
 Azimuth/Bearing: 235° S23W 4800mils True (±12°)
 Elevation Angle: -10.6°
 Horizon Angle: +03.1°
 Zoom: 0.5X
 Flagler 8 CTB

**Photograph 10****Date: 03/14/2025**

Description: Southwestern view of completed restoration.

Position: +082.140402° / -108.601214° (±19.7M)
 Altitude: 3474ft (±12.2M)
 Datum: WGS-84
 Azimuth/Bearing: 319° N31W 5670mils True (±11°)
 Elevation Angle: -19.5°
 Horizon Angle: +01.6°
 Zoom: 0.5X
 Flagler 8 CTB

**Photograph 11****Date: 03/14/2025**

Description: Northwestern view of completed restoration.

Position: +082.140160° / -108.601410° (±40.2M)
 Altitude: 3471ft (±25.4M)
 Datum: WGS-84
 Azimuth/Bearing: 013° N13E 0320mils True (±10°)
 Elevation Angle: -04.6°
 Horizon Angle: +02.2°
 Zoom: 0.5X
 Flagler 8 CTB

**Photograph 12****Date: 03/14/2025**

Description: Northeastern view of completed restoration.

APPENDIX D

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
Excavation Soil Samples - Incident Number nAPP2106147760										
FS01	01/16/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
FS02	01/16/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
FS03	01/16/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
FS04	01/16/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	820
FS05	01/16/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
FS06	01/16/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	26.9
FS07	01/16/2025	7	<0.0250	<0.0500	<20.0	68.4	<50.0	68.4	68.4	23.8
FS08	01/16/2025	7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
FS09	01/16/2025	7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	69.5
FS10	01/16/2025	7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
FS11	01/16/2025	7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	31.3
FS12	01/16/2025	4	<0.0250	<0.0500	<20.0	112	<50.0	112	112	65.2
FS13	01/16/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
FS14	01/16/2025	7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
FS15	01/16/2025	7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
FS16	01/16/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
FS17	01/16/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
FS18	01/16/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
FS19	01/16/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
FS20	01/16/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	26.9
SW01	01/22/2025	4-7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
SW02	01/22/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
SW03	01/22/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	24.0
SW04	01/22/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
SW05	01/22/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
SW06	01/22/2025	0-7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
SW07	01/22/2025	0-7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
SW08	01/22/2025	0-7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
SW09	01/22/2025	0-7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	82.7



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
SW10	01/22/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	77.9
SW11	01/22/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	49.4
SW12	01/22/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	43.8
SW13	01/22/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	20.7
SW14	01/22/2025	0-7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	27.6
SW15	01/22/2025	0-7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	20.6
SW16	01/22/2025	4-7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
SW17	01/22/2025	4-7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
SW18	01/22/2025	4-7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
Backfill Soil Samples - Incident Number nAPP2106147760										
STKP01	02/24/2025	N/A	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	349
STKP02	02/24/2025	N/A	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	325
STKP03	02/24/2025	N/A	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	318
STKP04	02/24/2025	N/A	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	329

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NE: Closure Criteria Not Established

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 Standard¹ for Soils Impacted by a Release

¹ 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.

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



Table 2
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 nRM2014360340							
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

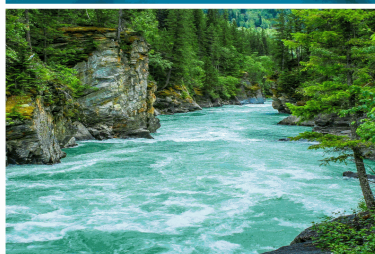
ppm: parts per million

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

APPENDIX E

Laboratory Analytical Reports & Chain-of-Custody Documentation

Report to:
Erick Herrera



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: E501125

Job Number: 01058-0007

Received: 1/20/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
1/24/25

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

Date Reported: 1/24/25



Erick Herrera
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: FLAGLER 8 CTB 1
Workorder: E501125
Date Received: 1/20/2025 7:20:30AM

Erick Herrera,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/20/2025 7:20:30AM, 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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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: 01/24/25 12:38
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS01 4'	E501125-01A	Soil	01/16/25	01/20/25	Glass Jar, 2 oz.
FS02 4'	E501125-02A	Soil	01/16/25	01/20/25	Glass Jar, 2 oz.
FS03 4'	E501125-03A	Soil	01/16/25	01/20/25	Glass Jar, 2 oz.
FS04 4'	E501125-04A	Soil	01/16/25	01/20/25	Glass Jar, 2 oz.
FS05 4'	E501125-05A	Soil	01/16/25	01/20/25	Glass Jar, 2 oz.
FS06 4'	E501125-06A	Soil	01/16/25	01/20/25	Glass Jar, 2 oz.
FS07 7'	E501125-07A	Soil	01/16/25	01/20/25	Glass Jar, 2 oz.
FS08 7'	E501125-08A	Soil	01/16/25	01/20/25	Glass Jar, 2 oz.
FS09 7'	E501125-09A	Soil	01/16/25	01/20/25	Glass Jar, 2 oz.
FS10 7'	E501125-10A	Soil	01/16/25	01/20/25	Glass Jar, 2 oz.
FS11 7'	E501125-11A	Soil	01/16/25	01/20/25	Glass Jar, 2 oz.
FS12 4'	E501125-12A	Soil	01/16/25	01/20/25	Glass Jar, 2 oz.
FS13 4'	E501125-13A	Soil	01/16/25	01/20/25	Glass Jar, 2 oz.
FS14 7'	E501125-14A	Soil	01/16/25	01/20/25	Glass Jar, 2 oz.
FS15 7'	E501125-15A	Soil	01/16/25	01/20/25	Glass Jar, 2 oz.
FS16 4'	E501125-16A	Soil	01/16/25	01/20/25	Glass Jar, 2 oz.
FS17 4'	E501125-17A	Soil	01/16/25	01/20/25	Glass Jar, 2 oz.
FS18 4'	E501125-18A	Soil	01/16/25	01/20/25	Glass Jar, 2 oz.
FS19 4'	E501125-19A	Soil	01/16/25	01/20/25	Glass Jar, 2 oz.
FS20 4'	E501125-20A	Soil	01/16/25	01/20/25	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported: 1/24/2025 12:38:02PM
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Erick Herrera	

FS01 4'

E501125-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2504006	
Benzene	ND	0.0250	1	01/20/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/22/25	
Toluene	ND	0.0250	1	01/20/25	01/22/25	
o-Xylene	ND	0.0250	1	01/20/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		87.0 %	70-130	01/20/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2504006	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.2 %	70-130	01/20/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2504015	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/25	01/21/25	
<i>Surrogate: n-Nonane</i>		107 %	50-200	01/20/25	01/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2504009	
Chloride	ND	20.0	1	01/20/25	01/21/25	



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:
1/24/2025 12:38:02PM

FS02 4'

E501125-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2504006
Benzene	ND	0.0250	1	01/20/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/22/25	
Toluene	ND	0.0250	1	01/20/25	01/22/25	
o-Xylene	ND	0.0250	1	01/20/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.6 %	70-130		01/20/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2504006
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.5 %	70-130		01/20/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504015
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/25	01/21/25	
<i>Surrogate: n-Nonane</i>						
	114 %	50-200		01/20/25	01/21/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2504009
Chloride	ND	20.0	1	01/20/25	01/21/25	



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:
1/24/2025 12:38:02PM

FS03 4'

E501125-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2504006	
Benzene	ND	0.0250	1	01/20/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/22/25	
Toluene	ND	0.0250	1	01/20/25	01/22/25	
o-Xylene	ND	0.0250	1	01/20/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.3 %	70-130		01/20/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2504006	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.6 %	70-130		01/20/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2504015	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/25	01/21/25	
<i>Surrogate: n-Nonane</i>						
	110 %	50-200		01/20/25	01/21/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2504009	
Chloride	ND	20.0	1	01/20/25	01/21/25	



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:
1/24/2025 12:38:02PM

FS04 4'

E501125-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2504044	
Benzene	ND	0.0250	1	01/21/25	01/23/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/23/25	
Toluene	ND	0.0250	1	01/21/25	01/23/25	
o-Xylene	ND	0.0250	1	01/21/25	01/23/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/23/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/23/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	83.7 %	70-130		01/21/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2504044	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/23/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	97.5 %	70-130		01/21/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2504015	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/25	01/21/25	
<i>Surrogate: n-Nonane</i>	116 %	50-200		01/21/25	01/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2504009	
Chloride	820	20.0	1	01/21/25	01/21/25	



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:
1/24/2025 12:38:02PM

FS05 4'

E501125-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2504006	
Benzene	ND	0.0250	1	01/20/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/22/25	
Toluene	ND	0.0250	1	01/20/25	01/22/25	
o-Xylene	ND	0.0250	1	01/20/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.1 %	70-130		01/20/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2504006	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.5 %	70-130		01/20/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2504015	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/25	01/21/25	
<i>Surrogate: n-Nonane</i>						
	106 %	50-200		01/20/25	01/21/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2504009	
Chloride	ND	20.0	1	01/20/25	01/21/25	



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:
1/24/2025 12:38:02PM

FS06 4'

E501125-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2504006	
Benzene	ND	0.0250	1	01/20/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/22/25	
Toluene	ND	0.0250	1	01/20/25	01/22/25	
o-Xylene	ND	0.0250	1	01/20/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.8 %	70-130		01/20/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2504006	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.3 %	70-130		01/20/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2504015	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/25	01/21/25	
<i>Surrogate: n-Nonane</i>						
	107 %	50-200		01/20/25	01/21/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2504009	
Chloride	26.9	20.0	1	01/20/25	01/21/25	



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:
1/24/2025 12:38:02PM

FS07 7'

E501125-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2504006	
Benzene	ND	0.0250	1	01/20/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/22/25	
Toluene	ND	0.0250	1	01/20/25	01/22/25	
o-Xylene	ND	0.0250	1	01/20/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.5 %	70-130		01/20/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2504006	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.4 %	70-130		01/20/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2504015	
Diesel Range Organics (C10-C28)	68.4	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/25	01/21/25	
<i>Surrogate: n-Nonane</i>						
	113 %	50-200		01/20/25	01/21/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2504009	
Chloride	23.8	20.0	1	01/20/25	01/21/25	



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:
1/24/2025 12:38:02PM

FS08 7'

E501125-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2504006	
Benzene	ND	0.0250	1	01/20/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/22/25	
Toluene	ND	0.0250	1	01/20/25	01/22/25	
o-Xylene	ND	0.0250	1	01/20/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.9 %	70-130		01/20/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2504006	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.6 %	70-130		01/20/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2504015	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/25	01/21/25	
<i>Surrogate: n-Nonane</i>						
	115 %	50-200		01/20/25	01/21/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2504009	
Chloride	ND	20.0	1	01/20/25	01/21/25	



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:
1/24/2025 12:38:02PM

FS09 7'

E501125-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2504006	
Benzene	ND	0.0250	1	01/20/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/22/25	
Toluene	ND	0.0250	1	01/20/25	01/22/25	
o-Xylene	ND	0.0250	1	01/20/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.1 %	70-130		01/20/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2504006	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.9 %	70-130		01/20/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2504015	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/25	01/21/25	
<i>Surrogate: n-Nonane</i>						
	119 %	50-200		01/20/25	01/21/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2504009	
Chloride	69.5	20.0	1	01/20/25	01/21/25	



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:
1/24/2025 12:38:02PM

FS10 7'

E501125-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2504006
Benzene	ND	0.0250	1	01/20/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/22/25	
Toluene	ND	0.0250	1	01/20/25	01/22/25	
o-Xylene	ND	0.0250	1	01/20/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.8 %	70-130		01/20/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2504006
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.6 %	70-130		01/20/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504015
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/25	01/21/25	
<i>Surrogate: n-Nonane</i>						
	117 %	50-200		01/20/25	01/21/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2504009
Chloride	ND	20.0	1	01/20/25	01/21/25	



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:
1/24/2025 12:38:02PM

FS11 7'

E501125-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2504006
Benzene	ND	0.0250	1	01/20/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/22/25	
Toluene	ND	0.0250	1	01/20/25	01/22/25	
o-Xylene	ND	0.0250	1	01/20/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.1 %	70-130		01/20/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2504006
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.0 %	70-130		01/20/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504015
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/25	01/21/25	
<i>Surrogate: n-Nonane</i>						
	121 %	50-200		01/20/25	01/21/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2504009
Chloride	31.3	20.0	1	01/20/25	01/21/25	



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:
1/24/2025 12:38:02PM

FS12 4'

E501125-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2504006	
Benzene	ND	0.0250	1	01/20/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/22/25	
Toluene	ND	0.0250	1	01/20/25	01/22/25	
o-Xylene	ND	0.0250	1	01/20/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.3 %	70-130		01/20/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2504006	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.5 %	70-130		01/20/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2504015	
Diesel Range Organics (C10-C28)	112	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/25	01/21/25	
<i>Surrogate: n-Nonane</i>						
	113 %	50-200		01/20/25	01/21/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2504009	
Chloride	65.2	20.0	1	01/20/25	01/22/25	



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: 1/24/2025 12:38:02PM
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FS13 4'

E501125-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2504006	
Benzene	ND	0.0250	1	01/20/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/22/25	
Toluene	ND	0.0250	1	01/20/25	01/22/25	
o-Xylene	ND	0.0250	1	01/20/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.0 %	70-130		01/20/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2504006	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.0 %	70-130		01/20/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2504015	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/25	01/21/25	
<i>Surrogate: n-Nonane</i>						
	107 %	50-200		01/20/25	01/21/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2504009	
Chloride	ND	20.0	1	01/20/25	01/22/25	



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:
1/24/2025 12:38:02PM

FS14 7'

E501125-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2504006	
Benzene	ND	0.0250	1	01/20/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/22/25	
Toluene	ND	0.0250	1	01/20/25	01/22/25	
o-Xylene	ND	0.0250	1	01/20/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.0 %	70-130		01/20/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2504006	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.8 %	70-130		01/20/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2504015	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/25	01/21/25	
<i>Surrogate: n-Nonane</i>						
	113 %	50-200		01/20/25	01/21/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2504009	
Chloride	ND	20.0	1	01/20/25	01/22/25	



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:
1/24/2025 12:38:02PM

FS15 7'

E501125-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2504006
Benzene	ND	0.0250	1	01/20/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/22/25	
Toluene	ND	0.0250	1	01/20/25	01/22/25	
o-Xylene	ND	0.0250	1	01/20/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.4 %	70-130		01/20/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2504006
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.5 %	70-130		01/20/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504015
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/25	01/21/25	
<i>Surrogate: n-Nonane</i>						
	114 %	50-200		01/20/25	01/21/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2504009
Chloride	ND	20.0	1	01/20/25	01/22/25	



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:
1/24/2025 12:38:02PM

FS16 4'

E501125-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2504006	
Benzene	ND	0.0250	1	01/20/25	01/23/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/23/25	
Toluene	ND	0.0250	1	01/20/25	01/23/25	
o-Xylene	ND	0.0250	1	01/20/25	01/23/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/23/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/23/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.9 %	70-130		01/20/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2504006	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/23/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.7 %	70-130		01/20/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2504015	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/25	01/21/25	
<i>Surrogate: n-Nonane</i>						
	109 %	50-200		01/20/25	01/21/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2504009	
Chloride	ND	20.0	1	01/20/25	01/22/25	



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:
1/24/2025 12:38:02PM

FS17 4'

E501125-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2504006	
Benzene	ND	0.0250	1	01/20/25	01/23/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/23/25	
Toluene	ND	0.0250	1	01/20/25	01/23/25	
o-Xylene	ND	0.0250	1	01/20/25	01/23/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/23/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/23/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.3 %	70-130		01/20/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2504006	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/23/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.2 %	70-130		01/20/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2504015	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/25	01/21/25	
<i>Surrogate: n-Nonane</i>						
	113 %	50-200		01/20/25	01/21/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2504009	
Chloride	ND	20.0	1	01/20/25	01/22/25	



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:
1/24/2025 12:38:02PM

FS18 4'

E501125-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2504006
Benzene	ND	0.0250	1	01/20/25	01/23/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/23/25	
Toluene	ND	0.0250	1	01/20/25	01/23/25	
o-Xylene	ND	0.0250	1	01/20/25	01/23/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/23/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/23/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.0 %	70-130		01/20/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2504006
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/23/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.6 %	70-130		01/20/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504015
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/25	01/21/25	
<i>Surrogate: n-Nonane</i>						
	118 %	50-200		01/20/25	01/21/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2504009
Chloride	ND	20.0	1	01/20/25	01/22/25	



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:
1/24/2025 12:38:02PM

FS19 4'

E501125-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2504006	
Benzene	ND	0.0250	1	01/20/25	01/23/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/23/25	
Toluene	ND	0.0250	1	01/20/25	01/23/25	
o-Xylene	ND	0.0250	1	01/20/25	01/23/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/23/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/23/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.2 %	70-130		01/20/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2504006	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/23/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.5 %	70-130		01/20/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2504015	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/25	01/21/25	
<i>Surrogate: n-Nonane</i>						
	107 %	50-200		01/20/25	01/21/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2504009	
Chloride	ND	20.0	1	01/20/25	01/22/25	



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:
1/24/2025 12:38:02PM

FS20 4'

E501125-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2504006	
Benzene	ND	0.0250	1	01/20/25	01/23/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/23/25	
Toluene	ND	0.0250	1	01/20/25	01/23/25	
o-Xylene	ND	0.0250	1	01/20/25	01/23/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/23/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/23/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.7 %	70-130		01/20/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2504006	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/23/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.0 %	70-130		01/20/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2504015	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/25	01/21/25	
<i>Surrogate: n-Nonane</i>						
	115 %	50-200		01/20/25	01/21/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2504009	
Chloride	26.9	20.0	1	01/20/25	01/22/25	



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	1/24/2025 12:38:02PM

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 (2504006-BLK1)

Prepared: 01/20/25 Analyzed: 01/22/25

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		86.7	70-130			

LCS (2504006-BS1)

Prepared: 01/20/25 Analyzed: 01/22/25

Benzene	4.95	0.0250	5.00		99.0	70-130			
Ethylbenzene	4.85	0.0250	5.00		97.1	70-130			
Toluene	4.95	0.0250	5.00		99.0	70-130			
o-Xylene	4.85	0.0250	5.00		97.0	70-130			
p,m-Xylene	9.85	0.0500	10.0		98.5	70-130			
Total Xylenes	14.7	0.0250	15.0		98.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.04		8.00		88.0	70-130			

Matrix Spike (2504006-MS1)

Source: E501125-13

Prepared: 01/20/25 Analyzed: 01/22/25

Benzene	5.58	0.0250	5.00	ND	112	54-133			
Ethylbenzene	5.35	0.0250	5.00	ND	107	61-133			
Toluene	5.48	0.0250	5.00	ND	110	61-130			
o-Xylene	5.33	0.0250	5.00	ND	107	63-131			
p,m-Xylene	10.9	0.0500	10.0	ND	109	63-131			
Total Xylenes	16.2	0.0250	15.0	ND	108	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.00		8.00		87.5	70-130			

Matrix Spike Dup (2504006-MSD1)

Source: E501125-13

Prepared: 01/20/25 Analyzed: 01/22/25

Benzene	5.10	0.0250	5.00	ND	102	54-133	9.03	20	
Ethylbenzene	4.89	0.0250	5.00	ND	97.9	61-133	8.97	20	
Toluene	5.01	0.0250	5.00	ND	100	61-130	8.97	20	
o-Xylene	4.88	0.0250	5.00	ND	97.5	63-131	8.93	20	
p,m-Xylene	9.96	0.0500	10.0	ND	99.6	63-131	8.75	20	
Total Xylenes	14.8	0.0250	15.0	ND	98.9	63-131	8.81	20	
Surrogate: 4-Bromochlorobenzene-PID	7.06		8.00		88.2	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	1/24/2025 12:38:02PM

Volatile Organics by EPA 8021B

Analyst: SL

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

Blank (2504044-BLK1) Prepared: 01/21/25 Analyzed: 01/23/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.79		8.00		84.9	70-130			

LCS (2504044-BS1) Prepared: 01/21/25 Analyzed: 01/23/25

Benzene	4.97	0.0250	5.00		99.5	70-130			
Ethylbenzene	4.77	0.0250	5.00		95.4	70-130			
Toluene	4.88	0.0250	5.00		97.7	70-130			
o-Xylene	4.74	0.0250	5.00		94.7	70-130			
p,m-Xylene	9.68	0.0500	10.0		96.8	70-130			
Total Xylenes	14.4	0.0250	15.0		96.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.85		8.00		85.6	70-130			

Matrix Spike (2504044-MS1) Source: E501137-05 Prepared: 01/21/25 Analyzed: 01/23/25

Benzene	5.12	0.0250	5.00	ND	102	54-133			
Ethylbenzene	4.87	0.0250	5.00	ND	97.4	61-133			
Toluene	5.03	0.0250	5.00	ND	101	61-130			
o-Xylene	4.86	0.0250	5.00	ND	97.1	63-131			
p,m-Xylene	9.88	0.0500	10.0	ND	98.8	63-131			
Total Xylenes	14.7	0.0250	15.0	ND	98.2	63-131			
Surrogate: 4-Bromochlorobenzene-PID	6.77		8.00		84.6	70-130			

Matrix Spike Dup (2504044-MSD1) Source: E501137-05 Prepared: 01/21/25 Analyzed: 01/23/25

Benzene	4.80	0.0250	5.00	ND	96.0	54-133	6.41	20	
Ethylbenzene	4.57	0.0250	5.00	ND	91.5	61-133	6.28	20	
Toluene	4.72	0.0250	5.00	ND	94.4	61-130	6.22	20	
o-Xylene	4.57	0.0250	5.00	ND	91.4	63-131	6.04	20	
p,m-Xylene	9.29	0.0500	10.0	ND	92.9	63-131	6.19	20	
Total Xylenes	13.9	0.0250	15.0	ND	92.4	63-131	6.14	20	
Surrogate: 4-Bromochlorobenzene-PID	6.78		8.00		84.8	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	1/24/2025 12:38:02PM

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 (2504006-BLK1)					Prepared: 01/20/25 Analyzed: 01/22/25				
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.68		8.00		95.9	70-130			

LCS (2504006-BS2)					Prepared: 01/20/25 Analyzed: 01/24/25				
Gasoline Range Organics (C6-C10)	41.5	20.0	50.0		82.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.85		8.00		98.2	70-130			

Matrix Spike (2504006-MS2)					Source: E501125-13		Prepared: 01/20/25 Analyzed: 01/22/25		
Gasoline Range Organics (C6-C10)	44.3	20.0	50.0	ND	88.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.78		8.00		97.3	70-130			

Matrix Spike Dup (2504006-MSD2)					Source: E501125-13		Prepared: 01/20/25 Analyzed: 01/22/25		
Gasoline Range Organics (C6-C10)	44.4	20.0	50.0	ND	88.8	70-130	0.173	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.86		8.00		98.2	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	1/24/2025 12:38:02PM

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 (2504044-BLK1) Prepared: 01/21/25 Analyzed: 01/23/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.77		8.00		97.1	70-130			

LCS (2504044-BS2) Prepared: 01/21/25 Analyzed: 01/23/25

Gasoline Range Organics (C6-C10)	41.3	20.0	50.0		82.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.95		8.00		99.4	70-130			

Matrix Spike (2504044-MS2) Source: E501137-05 Prepared: 01/21/25 Analyzed: 01/23/25

Gasoline Range Organics (C6-C10)	42.6	20.0	50.0	ND	85.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.93		8.00		99.2	70-130			

Matrix Spike Dup (2504044-MSD2) Source: E501137-05 Prepared: 01/21/25 Analyzed: 01/23/25

Gasoline Range Organics (C6-C10)	41.9	20.0	50.0	ND	83.8	70-130	1.68	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.95		8.00		99.3	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	1/24/2025 12:38:02PM

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 (2504015-BLK1)					Prepared: 01/20/25 Analyzed: 01/21/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	53.9		50.0		108	50-200			

LCS (2504015-BS1)					Prepared: 01/20/25 Analyzed: 01/21/25				
Diesel Range Organics (C10-C28)	248	25.0	250		99.3	38-132			
Surrogate: n-Nonane	53.7		50.0		107	50-200			

Matrix Spike (2504015-MS1)					Source: E501125-17		Prepared: 01/20/25 Analyzed: 01/21/25		
Diesel Range Organics (C10-C28)	254	25.0	250	ND	102	38-132			
Surrogate: n-Nonane	55.9		50.0		112	50-200			

Matrix Spike Dup (2504015-MSD1)					Source: E501125-17		Prepared: 01/20/25 Analyzed: 01/21/25		
Diesel Range Organics (C10-C28)	268	25.0	250	ND	107	38-132	5.39	20	
Surrogate: n-Nonane	56.7		50.0		113	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	1/24/2025 12:38:02PM

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 (2504009-BLK1)					Prepared: 01/20/25 Analyzed: 01/21/25				
Chloride	ND	20.0							
LCS (2504009-BS1)					Prepared: 01/20/25 Analyzed: 01/21/25				
Chloride	257	20.0	250		103	90-110			
Matrix Spike (2504009-MS1)					Source: E501125-03		Prepared: 01/20/25 Analyzed: 01/21/25		
Chloride	266	20.0	250	ND	106	80-120			
Matrix Spike Dup (2504009-MSD1)					Source: E501125-03		Prepared: 01/20/25 Analyzed: 01/21/25		
Chloride	268	20.0	250	ND	107	80-120	1.05	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	01/24/25 12:38

- 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 2

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.		E501125		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: 432-305-6414				Email: jim.raley@devn.com										NM	CO	UT	AZ	TX
Email: Devon-team@etechnv.com				WO: 21179750														
Incident ID: NAPP2328556508				2106147760														
Collected by: Edyte Konan																		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number									Remarks				
14:00	01.16.25	S	1	FS01	1	4'								X				
14:10	01.16.25	S	1	FS02	2	4'								X				
14:20	01.16.25	S	1	FS03	3	4'								X				
14:30	01.16.25	S	1	FS04	4	4'								X				
14:40	01.16.25	S	1	FS05	5	4'								X				
14:50	01.16.25	S	1	FS06	6	4'								X				
15:00	01.16.25	S	1	FS07	7	7'								X				
15:10	01.16.25	S	1	FS08	8	7'								X				
15:20	01.16.25	S	1	FS09	9	7'								X				
15:30	01.16.25	S	1	FS10	10	7'								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.								
Relinquished by: (Signature) <i>[Signature]</i> Date 01/17/25 Time 8:30										Received by: (Signature) <i>Michelle Gonzales</i> Date 1-17-25 Time 0830								
Relinquished by: (Signature) <i>Michelle Gonzales</i> Date 1-17-25 Time 1605										Received by: (Signature) <i>[Signature]</i> Date 1.17.25 Time 1643								
Relinquished by: (Signature) <i>[Signature]</i> Date 1.17.25 Time 2315										Received by: (Signature) <i>Caitlin Mann</i> Date 1.20.25 Time 7:20								
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																		


envirotech

Project Information

Chain of Custody

Page 2 of 2

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.		E501125		01058-0057							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: 432-305-6414				Email: jim.raley@devn.com										NM	CO	UT	AZ	TX
Email: Devon-team@etechnv.com				WO: 21179750														
Collected by: Edyte Konan				Incident ID: NAPP228556508 2106147760														
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number										Remarks			
15:40	01.16.25	S	1	FS11	11	7'								X				
15:50	01.16.25	S	1	FS12	12	4'								X				
16:00	01.16.25	S	1	FS13	13	4'								X				
16:10	01.16.25	S	1	FS14	14	7'								X				
16:20	01.16.25	S	1	FS15	15	7'								X				
16:30	01.16.25	S	1	FS16	16	4'								X				
16:40	01.16.25	S	1	FS17	17	4'								X				
16:50	01.16.25	S	1	FS18	18	4'								X				
17:00	01.16.25	S	1	FS19	19	4'								X				
17:10	01.16.25	S	1	FS20	20	4'								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										Lab Use Only								
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Received on ice: <input checked="" type="radio"/> Y / <input type="radio"/> N						
<i>[Signature]</i>		01/17/25		8:30		<i>Michelle Gonzales</i>		1-17-25		0830								
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		T1 _____ T2 _____ T3 _____						
<i>Michelle Gonzales</i>		1-17-25		1605		<i>[Signature]</i>		1-17-23		1645								
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		AVG Temp °C						
<i>[Signature]</i>		1-17-23		2315		<i>Caitlin Mann</i>		1-20-25		7:20		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																		


envirotech

Envirotech Analytical Laboratory

Printed: 1/20/2025 11:07:28AM

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:	01/20/25 07:20	Work Order ID:	E501125
Phone:	(575) 748-0176	Date Logged In:	01/17/25 15:17	Logged In By:	Caitlin Mars
Email:		Due Date:	01/24/25 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

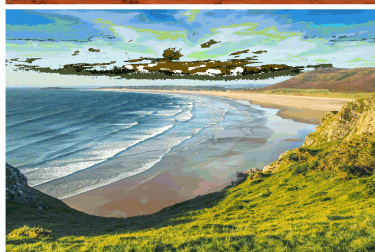
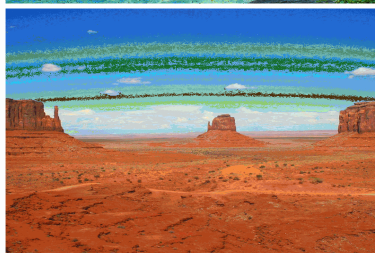
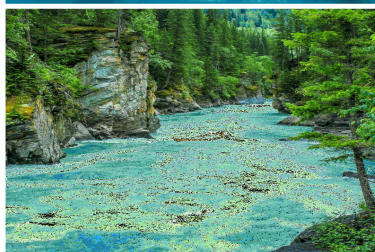
Signature of client authorizing changes to the COC or sample disposition.

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: E501171

Job Number: 01058-0007

Received: 1/24/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
1/28/25

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: 1/28/25



Erick Herrera
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: FLAGLER 8 CTB 1
Workorder: E501171
Date Received: 1/24/2025 7:30:00AM

Erick Herrera,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/24/2025 7:30:00AM, 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
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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: Erick Herrera	Reported: 01/28/25 09:03
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW01 4-7'	E501171-01A	Soil	01/22/25	01/24/25	Glass Jar, 2 oz.
SW02 0-4'	E501171-02A	Soil	01/22/25	01/24/25	Glass Jar, 2 oz.
SW03 0-4'	E501171-03A	Soil	01/22/25	01/24/25	Glass Jar, 2 oz.
SW04 0-4'	E501171-04A	Soil	01/22/25	01/24/25	Glass Jar, 2 oz.
SW05 0-4'	E501171-05A	Soil	01/22/25	01/24/25	Glass Jar, 2 oz.
SW06 0-7'	E501171-06A	Soil	01/22/25	01/24/25	Glass Jar, 2 oz.
SW07 0-7'	E501171-07A	Soil	01/22/25	01/24/25	Glass Jar, 2 oz.
SW08 0-7'	E501171-08A	Soil	01/22/25	01/24/25	Glass Jar, 2 oz.
SW09 0-7'	E501171-09A	Soil	01/22/25	01/24/25	Glass Jar, 2 oz.
SW10 0-4'	E501171-10A	Soil	01/22/25	01/24/25	Glass Jar, 2 oz.
SW11 0-4'	E501171-11A	Soil	01/22/25	01/24/25	Glass Jar, 2 oz.
SW12 0-4'	E501171-12A	Soil	01/22/25	01/24/25	Glass Jar, 2 oz.
SW13 0-4'	E501171-13A	Soil	01/22/25	01/24/25	Glass Jar, 2 oz.
SW14 0-7'	E501171-14A	Soil	01/22/25	01/24/25	Glass Jar, 2 oz.
SW15 0-7'	E501171-15A	Soil	01/22/25	01/24/25	Glass Jar, 2 oz.
SW16 4-7'	E501171-16A	Soil	01/22/25	01/24/25	Glass Jar, 2 oz.
SW17 4-7'	E501171-17A	Soil	01/22/25	01/24/25	Glass Jar, 2 oz.
SW18 4-7'	E501171-18A	Soil	01/22/25	01/24/25	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: 1/28/2025 9:03:34AM
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SW01 4-7'

E501171-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504121
Benzene	ND	0.0250	1	01/24/25	01/26/25	
Ethylbenzene	ND	0.0250	1	01/24/25	01/26/25	
Toluene	ND	0.0250	1	01/24/25	01/26/25	
o-Xylene	ND	0.0250	1	01/24/25	01/26/25	
p,m-Xylene	ND	0.0500	1	01/24/25	01/26/25	
Total Xylenes	ND	0.0250	1	01/24/25	01/26/25	
<i>Surrogate: Bromofluorobenzene</i>		97.9 %	70-130	01/24/25	01/26/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	01/24/25	01/26/25	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504121
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/24/25	01/26/25	
<i>Surrogate: Bromofluorobenzene</i>		97.9 %	70-130	01/24/25	01/26/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	01/24/25	01/26/25	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AF		Batch: 2504126
Diesel Range Organics (C10-C28)	ND	25.0	1	01/24/25	01/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/24/25	01/24/25	
<i>Surrogate: n-Nonane</i>		114 %	50-200	01/24/25	01/24/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2504127
Chloride	ND	20.0	1	01/24/25	01/24/25	



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:
1/28/2025 9:03:34AM

SW02 0-4'

E501171-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504121
Benzene	ND	0.0250	1	01/24/25	01/26/25	
Ethylbenzene	ND	0.0250	1	01/24/25	01/26/25	
Toluene	ND	0.0250	1	01/24/25	01/26/25	
o-Xylene	ND	0.0250	1	01/24/25	01/26/25	
p,m-Xylene	ND	0.0500	1	01/24/25	01/26/25	
Total Xylenes	ND	0.0250	1	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene	96.8 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8	101 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504121
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene	96.8 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8	101 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AF		Batch: 2504126
Diesel Range Organics (C10-C28)	ND	25.0	1	01/24/25	01/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/24/25	01/24/25	
Surrogate: n-Nonane	111 %	50-200		01/24/25	01/24/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2504127
Chloride	ND	20.0	1	01/24/25	01/24/25	



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:
1/28/2025 9:03:34AM

SW03 0-4'

E501171-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504121
Benzene	ND	0.0250	1	01/24/25	01/26/25	
Ethylbenzene	ND	0.0250	1	01/24/25	01/26/25	
Toluene	ND	0.0250	1	01/24/25	01/26/25	
o-Xylene	ND	0.0250	1	01/24/25	01/26/25	
p,m-Xylene	ND	0.0500	1	01/24/25	01/26/25	
Total Xylenes	ND	0.0250	1	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene	96.9 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8	101 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504121
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene	96.9 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8	101 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AF		Batch: 2504126
Diesel Range Organics (C10-C28)	ND	25.0	1	01/24/25	01/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/24/25	01/24/25	
Surrogate: n-Nonane	110 %	50-200		01/24/25	01/24/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2504127
Chloride	24.0	20.0	1	01/24/25	01/24/25	



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:
1/28/2025 9:03:34AM

SW04 0-4'

E501171-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504121
Benzene	ND	0.0250	1	01/24/25	01/26/25	
Ethylbenzene	ND	0.0250	1	01/24/25	01/26/25	
Toluene	ND	0.0250	1	01/24/25	01/26/25	
o-Xylene	ND	0.0250	1	01/24/25	01/26/25	
p,m-Xylene	ND	0.0500	1	01/24/25	01/26/25	
Total Xylenes	ND	0.0250	1	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene	98.6 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8	102 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504121
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene	98.6 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8	102 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AF		Batch: 2504126
Diesel Range Organics (C10-C28)	ND	25.0	1	01/24/25	01/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/24/25	01/24/25	
Surrogate: n-Nonane	111 %	50-200		01/24/25	01/24/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2504127
Chloride	ND	20.0	1	01/24/25	01/24/25	



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:
1/28/2025 9:03:34AM

SW05 0-4'

E501171-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504121
Benzene	ND	0.0250	1	01/24/25	01/26/25	
Ethylbenzene	ND	0.0250	1	01/24/25	01/26/25	
Toluene	ND	0.0250	1	01/24/25	01/26/25	
o-Xylene	ND	0.0250	1	01/24/25	01/26/25	
p,m-Xylene	ND	0.0500	1	01/24/25	01/26/25	
Total Xylenes	ND	0.0250	1	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene	98.1 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8	103 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504121
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene	98.1 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8	103 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AF		Batch: 2504126
Diesel Range Organics (C10-C28)	ND	25.0	1	01/24/25	01/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/24/25	01/24/25	
Surrogate: n-Nonane	114 %	50-200		01/24/25	01/24/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2504127
Chloride	ND	20.0	1	01/24/25	01/24/25	



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:
1/28/2025 9:03:34AM

SW06 0-7'

E501171-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504121
Benzene	ND	0.0250	1	01/24/25	01/26/25	
Ethylbenzene	ND	0.0250	1	01/24/25	01/26/25	
Toluene	ND	0.0250	1	01/24/25	01/26/25	
o-Xylene	ND	0.0250	1	01/24/25	01/26/25	
p,m-Xylene	ND	0.0500	1	01/24/25	01/26/25	
Total Xylenes	ND	0.0250	1	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene	97.2 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8	102 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504121
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene	97.2 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8	102 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AF		Batch: 2504126
Diesel Range Organics (C10-C28)	ND	25.0	1	01/24/25	01/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/24/25	01/24/25	
Surrogate: n-Nonane	110 %	50-200		01/24/25	01/24/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2504127
Chloride	ND	20.0	1	01/24/25	01/24/25	



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:
1/28/2025 9:03:34AM

SW07 0-7'

E501171-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504121
Benzene	ND	0.0250	1	01/24/25	01/26/25	
Ethylbenzene	ND	0.0250	1	01/24/25	01/26/25	
Toluene	ND	0.0250	1	01/24/25	01/26/25	
o-Xylene	ND	0.0250	1	01/24/25	01/26/25	
p,m-Xylene	ND	0.0500	1	01/24/25	01/26/25	
Total Xylenes	ND	0.0250	1	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene	97.4 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8	102 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504121
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene	97.4 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8	102 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AF		Batch: 2504126
Diesel Range Organics (C10-C28)	ND	25.0	1	01/24/25	01/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/24/25	01/24/25	
Surrogate: n-Nonane	108 %	50-200		01/24/25	01/24/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2504127
Chloride	ND	20.0	1	01/24/25	01/24/25	



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:
1/28/2025 9:03:34AM

SW08 0-7'

E501171-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504121
Benzene	ND	0.0250	1	01/24/25	01/26/25	
Ethylbenzene	ND	0.0250	1	01/24/25	01/26/25	
Toluene	ND	0.0250	1	01/24/25	01/26/25	
o-Xylene	ND	0.0250	1	01/24/25	01/26/25	
p,m-Xylene	ND	0.0500	1	01/24/25	01/26/25	
Total Xylenes	ND	0.0250	1	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene	97.7 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8	103 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504121
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene	97.7 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8	103 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AF		Batch: 2504126
Diesel Range Organics (C10-C28)	ND	25.0	1	01/24/25	01/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/24/25	01/24/25	
Surrogate: n-Nonane	107 %	50-200		01/24/25	01/24/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2504127
Chloride	ND	20.0	1	01/24/25	01/24/25	



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:
1/28/2025 9:03:34AM

SW09 0-7'

E501171-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504121
Benzene	ND	0.0250	1	01/24/25	01/26/25	
Ethylbenzene	ND	0.0250	1	01/24/25	01/26/25	
Toluene	ND	0.0250	1	01/24/25	01/26/25	
o-Xylene	ND	0.0250	1	01/24/25	01/26/25	
p,m-Xylene	ND	0.0500	1	01/24/25	01/26/25	
Total Xylenes	ND	0.0250	1	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene	97.1 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8	101 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504121
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene	97.1 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8	101 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AF		Batch: 2504126
Diesel Range Organics (C10-C28)	ND	25.0	1	01/24/25	01/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/24/25	01/25/25	
Surrogate: n-Nonane	109 %	50-200		01/24/25	01/25/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2504127
Chloride	82.7	20.0	1	01/24/25	01/24/25	



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:
1/28/2025 9:03:34AM

SW10 0-4'

E501171-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2504121	
Benzene	ND	0.0250	1	01/24/25	01/26/25	
Ethylbenzene	ND	0.0250	1	01/24/25	01/26/25	
Toluene	ND	0.0250	1	01/24/25	01/26/25	
o-Xylene	ND	0.0250	1	01/24/25	01/26/25	
p,m-Xylene	ND	0.0500	1	01/24/25	01/26/25	
Total Xylenes	ND	0.0250	1	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene	99.3 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8	103 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2504121	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene	99.3 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8	103 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: AF		Batch: 2504126	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/24/25	01/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/24/25	01/25/25	
Surrogate: n-Nonane	102 %	50-200		01/24/25	01/25/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2504127	
Chloride	77.9	20.0	1	01/24/25	01/24/25	



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:
1/28/2025 9:03:34AM

SW11 0-4'

E501171-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504121
Benzene	ND	0.0250	1	01/24/25	01/26/25	
Ethylbenzene	ND	0.0250	1	01/24/25	01/26/25	
Toluene	ND	0.0250	1	01/24/25	01/26/25	
o-Xylene	ND	0.0250	1	01/24/25	01/26/25	
p,m-Xylene	ND	0.0500	1	01/24/25	01/26/25	
Total Xylenes	ND	0.0250	1	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene	96.3 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8	101 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504121
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene	96.3 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8	101 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AF		Batch: 2504126
Diesel Range Organics (C10-C28)	ND	25.0	1	01/24/25	01/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/24/25	01/25/25	
Surrogate: n-Nonane	109 %	50-200		01/24/25	01/25/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2504127
Chloride	49.4	20.0	1	01/24/25	01/24/25	



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:
1/28/2025 9:03:34AM

SW12 0-4'

E501171-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504121
Benzene	ND	0.0250	1	01/24/25	01/26/25	
Ethylbenzene	ND	0.0250	1	01/24/25	01/26/25	
Toluene	ND	0.0250	1	01/24/25	01/26/25	
o-Xylene	ND	0.0250	1	01/24/25	01/26/25	
p,m-Xylene	ND	0.0500	1	01/24/25	01/26/25	
Total Xylenes	ND	0.0250	1	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene		100 %	70-130	01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130	01/24/25	01/26/25	
Surrogate: Toluene-d8		103 %	70-130	01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504121
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene		100 %	70-130	01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130	01/24/25	01/26/25	
Surrogate: Toluene-d8		103 %	70-130	01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AF		Batch: 2504126
Diesel Range Organics (C10-C28)	ND	25.0	1	01/24/25	01/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/24/25	01/25/25	
Surrogate: n-Nonane		104 %	50-200	01/24/25	01/25/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2504127
Chloride	43.8	20.0	1	01/24/25	01/24/25	



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:
1/28/2025 9:03:34AM

SW13 0-4'

E501171-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504121
Benzene	ND	0.0250	1	01/24/25	01/26/25	
Ethylbenzene	ND	0.0250	1	01/24/25	01/26/25	
Toluene	ND	0.0250	1	01/24/25	01/26/25	
o-Xylene	ND	0.0250	1	01/24/25	01/26/25	
p,m-Xylene	ND	0.0500	1	01/24/25	01/26/25	
Total Xylenes	ND	0.0250	1	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene	96.5 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8	102 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504121
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene	96.5 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8	102 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AF		Batch: 2504126
Diesel Range Organics (C10-C28)	ND	25.0	1	01/24/25	01/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/24/25	01/25/25	
Surrogate: n-Nonane	106 %	50-200		01/24/25	01/25/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2504127
Chloride	20.7	20.0	1	01/24/25	01/24/25	



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:
1/28/2025 9:03:34AM

SW14 0-7'

E501171-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504121
Benzene	ND	0.0250	1	01/24/25	01/26/25	
Ethylbenzene	ND	0.0250	1	01/24/25	01/26/25	
Toluene	ND	0.0250	1	01/24/25	01/26/25	
o-Xylene	ND	0.0250	1	01/24/25	01/26/25	
p,m-Xylene	ND	0.0500	1	01/24/25	01/26/25	
Total Xylenes	ND	0.0250	1	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene	97.7 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8	103 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504121
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene	97.7 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8	103 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AF		Batch: 2504126
Diesel Range Organics (C10-C28)	ND	25.0	1	01/24/25	01/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/24/25	01/25/25	
Surrogate: n-Nonane	111 %	50-200		01/24/25	01/25/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2504127
Chloride	27.6	20.0	1	01/24/25	01/24/25	



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:
1/28/2025 9:03:34AM

SW15 0-7'

E501171-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504121
Benzene	ND	0.0250	1	01/24/25	01/26/25	
Ethylbenzene	ND	0.0250	1	01/24/25	01/26/25	
Toluene	ND	0.0250	1	01/24/25	01/26/25	
o-Xylene	ND	0.0250	1	01/24/25	01/26/25	
p,m-Xylene	ND	0.0500	1	01/24/25	01/26/25	
Total Xylenes	ND	0.0250	1	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene	95.5 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8	102 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504121
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene	95.5 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8	102 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AF		Batch: 2504126
Diesel Range Organics (C10-C28)	ND	25.0	1	01/24/25	01/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/24/25	01/25/25	
Surrogate: n-Nonane	107 %	50-200		01/24/25	01/25/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2504127
Chloride	20.6	20.0	1	01/24/25	01/24/25	



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:
1/28/2025 9:03:34AM

SW16 4-7'

E501171-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504121
Benzene	ND	0.0250	1	01/24/25	01/26/25	
Ethylbenzene	ND	0.0250	1	01/24/25	01/26/25	
Toluene	ND	0.0250	1	01/24/25	01/26/25	
o-Xylene	ND	0.0250	1	01/24/25	01/26/25	
p,m-Xylene	ND	0.0500	1	01/24/25	01/26/25	
Total Xylenes	ND	0.0250	1	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene	95.6 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8	103 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504121
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene	95.6 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8	103 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AF		Batch: 2504126
Diesel Range Organics (C10-C28)	ND	25.0	1	01/24/25	01/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/24/25	01/25/25	
Surrogate: n-Nonane	107 %	50-200		01/24/25	01/25/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2504127
Chloride	ND	20.0	1	01/24/25	01/24/25	



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:
1/28/2025 9:03:34AM

SW17 4-7'

E501171-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504121
Benzene	ND	0.0250	1	01/24/25	01/26/25	
Ethylbenzene	ND	0.0250	1	01/24/25	01/26/25	
Toluene	ND	0.0250	1	01/24/25	01/26/25	
o-Xylene	ND	0.0250	1	01/24/25	01/26/25	
p,m-Xylene	ND	0.0500	1	01/24/25	01/26/25	
Total Xylenes	ND	0.0250	1	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene	96.9 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4	96.5 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8	101 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504121
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene	96.9 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4	96.5 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8	101 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AF		Batch: 2504126
Diesel Range Organics (C10-C28)	ND	25.0	1	01/24/25	01/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/24/25	01/25/25	
Surrogate: n-Nonane	109 %	50-200		01/24/25	01/25/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2504127
Chloride	ND	20.0	1	01/24/25	01/25/25	



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:
1/28/2025 9:03:34AM

SW18 4-7'

E501171-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2504121	
Benzene	ND	0.0250	1	01/24/25	01/26/25	
Ethylbenzene	ND	0.0250	1	01/24/25	01/26/25	
Toluene	ND	0.0250	1	01/24/25	01/26/25	
o-Xylene	ND	0.0250	1	01/24/25	01/26/25	
p,m-Xylene	ND	0.0500	1	01/24/25	01/26/25	
Total Xylenes	ND	0.0250	1	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene	96.5 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8	103 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2504121	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene	96.5 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8	103 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: AF		Batch: 2504126	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/24/25	01/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/24/25	01/25/25	
Surrogate: n-Nonane	108 %	50-200		01/24/25	01/25/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2504127	
Chloride	ND	20.0	1	01/24/25	01/25/25	



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	1/28/2025 9:03:34AM

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 (2504121-BLK1)

Prepared: 01/24/25 Analyzed: 01/26/25

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: Bromofluorobenzene	0.503		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.513		0.500		103	70-130			
Surrogate: Toluene-d8	0.495		0.500		98.9	70-130			

LCS (2504121-BS1)

Prepared: 01/24/25 Analyzed: 01/26/25

Benzene	2.42	0.0250	2.50		96.8	70-130			
Ethylbenzene	2.43	0.0250	2.50		97.2	70-130			
Toluene	2.39	0.0250	2.50		95.6	70-130			
o-Xylene	2.49	0.0250	2.50		99.4	70-130			
p,m-Xylene	4.88	0.0500	5.00		97.5	70-130			
Total Xylenes	7.36	0.0250	7.50		98.2	70-130			
Surrogate: Bromofluorobenzene	0.482		0.500		96.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.511		0.500		102	70-130			
Surrogate: Toluene-d8	0.491		0.500		98.2	70-130			

LCS Dup (2504121-BSD1)

Prepared: 01/24/25 Analyzed: 01/26/25

Benzene	2.39	0.0250	2.50		95.7	70-130	1.08	23	
Ethylbenzene	2.38	0.0250	2.50		95.3	70-130	1.95	27	
Toluene	2.36	0.0250	2.50		94.2	70-130	1.43	24	
o-Xylene	2.48	0.0250	2.50		99.4	70-130	0.0604	27	
p,m-Xylene	4.89	0.0500	5.00		97.8	70-130	0.307	27	
Total Xylenes	7.38	0.0250	7.50		98.3	70-130	0.183	27	
Surrogate: Bromofluorobenzene	0.490		0.500		98.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.525		0.500		105	70-130			
Surrogate: Toluene-d8	0.490		0.500		97.9	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:	Erick Herrera	1/28/2025 9:03:34AM

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 (2504121-BLK1)					Prepared: 01/24/25 Analyzed: 01/26/25				
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.503		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.513		0.500		103	70-130			
Surrogate: Toluene-d8	0.495		0.500		98.9	70-130			

LCS (2504121-BS2)					Prepared: 01/24/25 Analyzed: 01/26/25				
Gasoline Range Organics (C6-C10)	50.6	20.0	50.0		101	70-130			
Surrogate: Bromofluorobenzene	0.489		0.500		97.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.513		0.500		103	70-130			
Surrogate: Toluene-d8	0.505		0.500		101	70-130			

LCS Dup (2504121-BSD2)					Prepared: 01/24/25 Analyzed: 01/26/25				
Gasoline Range Organics (C6-C10)	48.5	20.0	50.0		97.1	70-130	4.22	20	
Surrogate: Bromofluorobenzene	0.493		0.500		98.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.526		0.500		105	70-130			
Surrogate: Toluene-d8	0.501		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:	Erick Herrera	1/28/2025 9:03:34AM

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 (2504126-BLK1)					Prepared: 01/24/25 Analyzed: 01/24/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	56.0		50.0		112	50-200			

LCS (2504126-BS1)					Prepared: 01/24/25 Analyzed: 01/24/25				
Diesel Range Organics (C10-C28)	288	25.0	250		115	38-132			
Surrogate: n-Nonane	55.6		50.0		111	50-200			

Matrix Spike (2504126-MS1)					Source: E501171-06		Prepared: 01/24/25 Analyzed: 01/24/25		
Diesel Range Organics (C10-C28)	292	25.0	250	ND	117	38-132			
Surrogate: n-Nonane	53.8		50.0		108	50-200			

Matrix Spike Dup (2504126-MSD1)					Source: E501171-06		Prepared: 01/24/25 Analyzed: 01/24/25		
Diesel Range Organics (C10-C28)	287	25.0	250	ND	115	38-132	1.80	20	
Surrogate: n-Nonane	54.2		50.0		108	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	1/28/2025 9:03:34AM

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 (2504127-BLK1)					Prepared: 01/24/25 Analyzed: 01/24/25				
Chloride	ND	20.0							
LCS (2504127-BS1)					Prepared: 01/24/25 Analyzed: 01/24/25				
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2504127-MS1)					Source: E501171-05		Prepared: 01/24/25 Analyzed: 01/24/25		
Chloride	267	20.0	250	ND	107	80-120			
Matrix Spike Dup (2504127-MSD1)					Source: E501171-05		Prepared: 01/24/25 Analyzed: 01/24/25		
Chloride	266	20.0	250	ND	106	80-120	0.264	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	01/28/25 09:03

- 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: Erick Herrera				Address: 5315 Buena Vista Dr.		E501171		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	TX	GDOC	State				
Phone: 432-305-6414				Email: jim.raley@dvn.com										NM	CO	UT	AZ	TX
Email: Devon-team@etechnv.com				WO: 21179750														
Collected by: Edyte Konan				Incident ID: nAPP2106147760										Remarks				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number													
14:35	01.22.25	S	1	SW01	1	4-7'								X				
14:40	01.22.25	S	1	SW02	2	0-4'								X				
14:45	01.22.25	S	1	SW03	3	0-4'								X				
14:50	01.22.25	S	1	SW04	4	0-4'								X				
14:55	01.22.25	S	1	SW05	5	0-4'								X				
15:00	01.22.25	S	1	SW06	6	0-7'								X				
15:05	01.22.25	S	1	SW07	7	0-7'								X				
15:10	01.22.25	S	1	SW08	8	0-7'								X				
15:15	01.22.25	S	1	SW09	9	0-7'								X				
15:20	01.22.25	S	1	SW10	10	0-4'								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.								
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only										
<i>[Signature]</i>		01/23/25	09:00	Michelle Gonzales		1-23-25	0900	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										
Michelle Gonzales		1-23-25	1515	<i>[Signature]</i>		1.23.25	1700											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	AVG Temp °C										
<i>[Signature]</i>		1.23.25	2400	<i>[Signature]</i>		1/24/25	730	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: Erick Herrera				Address: 5315 Buena Vista Dr.		E 501171		01058-007					5 day TAT		
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@dvn.com											
Email: Devon-team@etechnv.com				WO: 21179750											
Collected by: Edyte Konan				Incident ID: nAPP2106147760											
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		3	GDOC TX	Remarks
15:25	01.22.25	S	1	SW11	11	0-4'							X		
15:30	01.22.25	S	1	SW12	12	0-4'							X		
15:35	01.22.25	S	1	SW13	13	0-4'							X		
15:40	01.22.25	S	1	SW14	14	0-7'							X		
15:45	01.22.25	S	1	SW15	15	0-7'							X		
15:50	01.22.25	S	1	SW16	16	4-7'							X		
15:55	01.22.25	S	1	SW17	17	4-7'							X		
16:00	01.22.25	S	1	SW18	18	4-7'							X		
	01.22.25			SW19											
	01.22.25			SW20											
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.			
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only							
Michelle Gonzales		01/23/25	9:00	Michelle Gonzales		1-23-25	0900	Received on ice: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N							
Michelle Gonzales		1-23-25	1515	John M.		1-23-25	1700	T1 _____ T2 _____ T3 _____							
John M.		1-23-25	2400	Cathy Mc		1/24/25	730	AVG Temp °C <u>4</u>							
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: 1/24/2025 9:03:00AM

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:	01/24/25 07:30	Work Order ID:	E501171
Phone:	(575) 748-0176	Date Logged In:	01/23/25 13:40	Logged In By:	Caitlin Mars
Email:		Due Date:	01/30/25 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: E502252

Job Number: 01058-0007

Received: 2/26/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/3/25

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: 3/3/25

Anna Byers
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: FLAGLER 8 CTB 1
Workorder: E502252
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,

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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	03/03/25 12:13

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
STKP01	E502252-01A	Soil	02/24/25	02/26/25	Glass Jar, 2 oz.
STKP02	E502252-02A	Soil	02/24/25	02/26/25	Glass Jar, 2 oz.
STKP03	E502252-03A	Soil	02/24/25	02/26/25	Glass Jar, 2 oz.
STKP04	E502252-04A	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:
3/3/2025 12:13:08PM

STKP01

E502252-01

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>		81.6 %	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>		92.2 %	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>		108 %	61-141	02/26/25	02/26/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2509080	
Chloride	349	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:
3/3/2025 12:13:08PM

STKP02

E502252-02

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>	79.9 %	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>	91.8 %	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: DT		Batch: 2509080	
Chloride	325	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:
3/3/2025 12:13:08PM

STKP03

E502252-03

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>	79.8 %	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>	91.3 %	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>	107 %	61-141		02/26/25	02/26/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2509080	
Chloride	318	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:
3/3/2025 12:13:08PM

STKP04

E502252-04

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	02/28/25	
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: 4-Bromochlorobenzene-PID</i>						
	80.2 %	70-130		02/26/25	02/28/25	
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	02/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.9 %	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>						
	109 %	61-141		02/26/25	02/26/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2509080	
Chloride	329	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	3/3/2025 12:13:08PM

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	3/3/2025 12:13:08PM

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	3/3/2025 12:13:08PM

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	3/3/2025 12:13:08PM

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (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	03/03/25 12:13

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



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.		E502252		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	BTX 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: 21179750																
Etech project#: 19290					Incident ID: nAPP2106147760																
Collected by: Edyte Konan																					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number											Remarks					
9:40	02.24.25	S	1	STKP01	1								X								
9:50	02.24.25	S	1	STKP02	2								X								
10:00	02.24.25	S	1	STKP03	3								X								
10:10	02.24.25	S	1	STKP04	4								X								
02/25/2025																					
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.										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													
<i>[Signature]</i>		02/25/25	9:00	<i>Michelle Gonzales</i>		2-25-25	0900	Received on ice: <u>Y</u> / N													
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 _____ T2 _____ T3 _____													
<i>Michelle Gonzales</i>		2-25-25	1530	<i>[Signature]</i>		2-25-25	1700														
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	AVG Temp °C <u>4</u>													
<i>[Signature]</i>		2-25-25	2330	<i>Rudolph E Heel</i>		2-26-25	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.																					



envirotech

Envirotech Analytical Laboratory

Printed: 2/26/2025 11:02:52AM

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:	E502252
Phone:	(575) 748-0176	Date Logged In:	02/25/25 15:14	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.

APPENDIX F

Holdall® Soil Test Kit Manual

P.O. Box 62228 Midland • TX • 79711 • Tel: 432-563-2200 • Fax: 432-563-2213



HoldAll®
Decorative Plant Accessories

40 TESTS
DIRECTIONS INSIDE

SOIL TEST KIT



Plants & Flowers



Grasses & Lawns



Fruits & Veggies



Trees & Shrubs

757860

HoldAll®
Decorative Plant Accessories**757860**

SOIL TEST KIT

Tests Your Soil for a Healthy Garden

• pH • Nitrogen(N) • Phosphorus(P) • Potassium(K) •

PREPARING YOUR SOIL SAMPLES

For lawns, annuals or house plants, take the soil sample from about 2-3" below the surface. For perennials especially shrubs, vegetables and fruit, the sample should be from 4" deep.

Avoid touching the soil with your hands. Test different areas of your soil, as it may differ according to past cultivation, underlying soil differences or a localized condition. It is preferable to make individual tests on several samples from different areas, than to mix the samples together.

Place your soil sample into a clean container. Break the sample up with the trowel or spoon and allow it to dry out naturally. This is not essential, however it makes working with the sample easier. Remove any small stones, organic material such as grass, weeds or roots and hard particles of lime. Then crumble the sample finely and mix it thoroughly.

HOW TO TEST YOUR SOIL:

Tube caps and capsules are color-coded for simplicity:

Green = pH **Purple** = Nitrogen
Blue = Phosphorus **Orange** = Potash

pH TEST:

1. Remove cap from the green capped tube.
 2. Fill tube with soil to the first line.
 3. Carefully open a green capsule and pour powder into the tube.
 4. Add water (preferably distilled) to the fourth line.
 5. Cap tube and shake thoroughly.
 6. Allow soil to settle and color to develop for about a minute.
 7. Compare color of solution to the pH color chart.
- Repeat for remaining capsules.



pH 7.5 - Alkaline

pH 7.0 - Neutral

pH 6.5 - Slight A

pH 6.0 - Acid

pH 5.5 - Acid

pH 5.0 - Very Acid

pH 4.5 - Very Acid

NITROGEN, PHOSPHORUS & POTASH TESTS:

Fill a clean jar or can with 1 part soil and 5 parts water. Thoroughly shake or stir the soil and water together for at least one minute and then allow the mixture to stand undisturbed until it settles (30 minutes to 24 hours, dependent on soil). A fine clay soil will take much longer to settle out than a coarse sandy soil. The clarity of the solution will also vary, the clearer the better, however cloudiness will not affect the accuracy of the test.

PLANT FOOD CHART		
Nitrogen	Phosphorous	Potash
High	High	High
Medium	Medium	Medium
Low	Low	Low
Very Low	Very Low	Very Low

1. Remove the cap from the tube. (Please note that the color of the capsules should match the color of the tube cap.) Using dropper provided, fill the tube to the fourth line with liquid from your soil mixture. Avoid disturbing the sediment

2. Carefully separate the two halves of one of the capsules. Pour the powder into the tube.

3. Cap the tube and shake thoroughly. Allow color to develop for 10 minutes.

4. Compare color of solution to the appropriate portion of the plant food color chart. For best results allow daylight, not direct sunlight, to illuminate the solution. Note your results. Repeat for remaining capsules.

TO RAISE OR LOWER pH OF YOUR SOIL

Raising and lowering pH is not an exact science & most plants have a reasonably wide tolerance, certainly to within 1 pH point. Consult the pH Preference List and you will see that the majority can manage well on a pH around 6.5 but some need an alkaline soil

and some a particularly acid soil. Altering pH takes time so do not expect rapid changes; rather, work steadily towards giving a plant its ideal conditions.

ADJUSTING pH

pH can be adjusted to provide more suitable growing conditions for the different plants you wish to grow. Or, you can leave the pH of the soil as it is and select plants that like the level revealed by your test. Once you have your pH reading, check the pH Preference List for the pH levels of over 450 popular plants, trees, shrubs, vegetables and fruits. If your pH reading differs significantly from the list's recommended levels, follow instructions below for adjusting soil pH. You can correct pH at any time of the year but it

is best to start in the Fall and check progress in the Spring. After working to adjust your soil, retest for pH level in 40-60 days. If results are still significantly off, retreat your soil, not exceeding recommended application levels. Allow one month to pass between adding lime and adding fertilizers.

SOIL TYPES

Sandy Soils: A light, coarse soil comprised of crumbling and alluvial debris.
Loam Soils: A medium friable soil, consisting of a blend of coarse (sand) alluvium and fine (clay) particles mixed within fairly broad limits with a little lime and humus.
Clay Soils: A heavy, clinging, impermeable

soil, comprised of very fine particles with little lime and humus and tending to be waterlogged in winter and very dry in summer.

ADJUSTING SOIL pH - HOW MUCH TO APPLY

Material	phChange	Sandy	Loamy	Clay
Dolomitic or Calcic Limestone	+0.5 unit (0.5 pH)	2.5	2.5	2.5
	+1.0 unit (1.0 pH)	5.0	5.0	5.0
Hydrated Lime	+0.5 unit (0.5 pH)	1.25 - 2.0	1.25 - 2.0	1.25 - 2.0
	+1.0 unit (1.0 pH)	3.5 - 4.0	3.5 - 4.0	3.5 - 4.0
Iron Sulfate	-0.5 unit (0.5 pH)	0.75	0.75	0.75
	-1.0 unit (1.0 pH)	1.5	1.5	1.5
Aluminum Sulfate	-0.5 unit (0.5 pH)	0.5 - 0.75	0.5 - 0.75	0.5 - 0.75
	-1.0 unit (1.0 pH)	1 - 1.25	1 - 1.25	1 - 1.25

Amounts listed are pounds per 100 square feet. Do not add more than 5lbs. of lime or sulfur in one application.

FERTILIZER RECOMMENDATIONS

FEEDING PRIOR TO PLANTING

Adequate reserves of plant food should be available in the soil before planting vegetables, preparing a seed or flower bed, sodding or seeding a lawn, or planting shrubs and trees. To make up any deficiencies, apply fertilizers from the following chart according to your soil test result.

TEST RESULTS	Very Low	Low	Medium	High
Nitrogen Fertilizers (%N)				
Dried Blood (11%)	36	19	6	N/A
Nitrate of Soda (16%)	27	14	3	N/A
Phosphate Fertilizers (%P)				
Bone Meal (19%)	27	14	6	N/A
Triple Superphosphate (46%)	10.25	5.25-5.5	2.25	N/A
Potash Fertilizers (%K)				
Muriate of Potash (60%)	8.75-9	4.75-5	2.25-2.5	N/A

Amounts listed are ounces per 100 square feet. (Ounces referred to are by weight)

FEEDING ESTABLISHED PLANTS AND BEDS

Based on your test results, apply the appropriate fertilizer(s) in the amounts recommended in the following chart.

RECOMMENDATIONS FOR N, P AND K RESULTS

	Very Low			Low			Medium		
	N	P	K	N	P	K	N	P	K
Lawn	22.0-22.5	0.75-1.0	4.75-5.0	14.0-14.5	1.0-1.5	2.25-2.5	3.75-4.0	0	0
Fruit	14.0-14.5	6.5	13.5-14.0	7.75-8.0	4.0-4.25	8.75-9.0	3.75-4.0	2.25	4.75-5.0
Flower	14.0-14.25	6.5	13.5-14.0	7.75-8.0	4.0-4.25	8.75-9.0	3.75-4.0	2.25	4.75-5.0
Shrubs (flowering)	14.0-14.25	8.25-8.5	13.5-14.0	7.75-8.0	4.0-4.25	8.75-9.0	3.75-4.0	1.0-1.25	4.75-5.0
Shrubs (foliage)	22.0-22.5	10.5-10.75	8.75-9.0	14.0-14.5	5.25-5.5	4.75-5.0	3.75-4.0	2.25	2.25-2.5
Veggies (root)	14.0-14.25	12.0-12.25	8.75-9.0	14.0-14.5	5.25-5.5	4.75-5.0	3.75-4.0	3.0	2.25-2.5
Veggies (leafy)	28.25-29.0	10.25	8.75-9.0	14.0-14.5	5.25-5.5	4.75-5.0	7.75-8.0	2.25	2.25-2.5
Tree	14.0-14.5	10.25	8.75-9.0	7.75-8.0	5.25-5.5	4.75-5.0	3.75-4.0	2.25	2.25-2.5
General Feed	22.0-22.5	8.25-8.5	8.75-9.0	10.5-11.0	4.0-4.25	4.75-5.0	3.75-4.0	1.0-1.25	2.25-2.5

	High		
	N	P	K
Lawn	N/A	N/A	N/A
Fruit	N/A	N/A	N/A
Flower	N/A	N/A	N/A
Shrubs (flowering)	N/A	N/A	N/A
Shrubs (foliage)	N/A	N/A	N/A
Veggies (root)	N/A	N/A	N/A
Veggies (leafy)	N/A	N/A	N/A
Tree	N/A	N/A	N/A
General Feed	N/A	N/A	N/A

The recommendations are based on the following fertilizers sources: Nitrate of Soda (16% N), Triple Superphosphate (46% P₂O₅) and Muriate of Potassium (60% K₂O). The amounts listed are in oz. /100 sq. ft. (Ounces referred to are by weight, not volume.) If you wish to use other fertilizer, simply check the package for the percentage of nutrients for N, P, & K and adjust the application level accordingly.

SPECIAL RECOMMENDATIONS FOR LAWNS

For a new lawn, pay special attention to soil preparation before planting. Proper soil preparation for any size lawn will have a significant impact on the amount of water and care it demands in the future. Till the soil to a depth of at least 12" and incorporate plenty of organic material (9" or more). Test your soil for pH and adjust to the levels recommended on pH Preference List for your type of grass. Refer to the Adjusting Soil pH chart for recommended lime or sulfate applications.

For established lawns, Nitrogen is the most essential nutrient to promote lush growth and deep, green color. Phosphorus and Potassium, in lesser quantities, are also important for strong root formation and growth. Compound fertilizers will supply all 3 nutrients, or you can select an individual fertilizer, such as Nitrate of Soda. The following chart gives recommended application levels specifically for lawns, based on your Nitrogen soil test results.

RECOMMENDATIONS FOR LAWNS

Fertilizer Type	Very Low	Low
24-4-4	4.0 lbs.	2.0 lbs.
24-3-4	3.1 lbs.	1.55 lbs.
30-4-4	3.0 lbs.	1.5 lbs.

	Medium	High
24-4-4	1.0 lbs.	N/A
24-3-4	.77 lbs.	N/A
30-4-4	.75 lbs.	N/A

Amounts listed are pounds per 1000 square feet.

SAFETY & HYGIENE

Dispose of test solutions by rinsing down the sink. Empty gelatin capsules should be disposed of immediately with household waste. Wash the test tubes and caps in warm, soapy water immediately after each use. Make sure any sediment or color staining is removed. Rinse well and dry. Each bag of capsules should be stored inside the blister. Fit the caps on each test tube. Place all components back into the package. The blister pack has been specially designed to be reused as a storage container.

Store your kit in clean, dry conditions, indoors. The powders are safe in normal domestic terms but like all chemicals and pharmaceuticals, they should be put away and kept out of reach of children. Try to avoid touching the powders. Always wash your hands thoroughly after making your tests. Do not eat, drink or smoke while using the soil test kit. Keep powders away from food, drink and animal feed. If taken internally, drink copious amounts of water and seek medical advice.

CAUTIONS

Where a lot of fertilizer is needed to correct one plant food, divide the applications over several weeks. Do not add lime and fertilizer together; lime first. Allow at least one month to pass before applying fertilizer. Retest 30 days after applying fertilizer.

HoldAll®

Decorative Plant Accessories

Plant pH Preference List

NAME	pH	NAME	pH	NAME	pH	NAME	pH	NAME	pH
FRUIT		VEGETABLES AND HERBS		HOUSE and GREENHOUSE PLANTS		FLOWERS, TREES AND SHRUBS		FLOWERS, TREES AND SHRUBS	
APPLE	5.0 - 6.5	SAGE	5.5 - 6.5	GENISTA	6.5 - 7.5	ASPERULA	6.0 - 8.0	LAUREL	6.5 - 7.5
APRICOT	6.0 - 7.0	SHALLOT	5.5 - 7.0	GERANIUM	6.0 - 8.0	ASPHODOLINE	6.0 - 8.0	LAVENDER	6.5 - 7.5
AVOCADO	6.0 - 7.5	SORGHUM	5.5 - 7.5	GLOXINIA	5.5 - 6.5	ASTER	5.5 - 7.5	LIATRIS	5.5 - 7.5
BANANA	5.0 - 7.0	SOYBEAN	5.5 - 6.5	GRAPE IVY	5.0 - 6.5	AUBRITA	6.0 - 7.5	LIGUSTRUM	5.0 - 7.5
BLACKBERRY	5.0 - 6.0	SPEARMINT	5.5 - 7.5	GRAPE HYACINTH	6.0 - 7.5	AZALEA	4.5 - 6.0	LILAC	6.0 - 7.5
BLUEBERRY	4.0 - 6.0	SPINACH	6.0 - 7.5	GREVILLEA	5.5 - 6.5	BALLOON FLOWER	6.0 - 6.5	LILY OF THE VALLEY	4.5 - 6.0
CANTALOUPE	6.5 - 7.5	SWEDE	5.0 - 7.0	GYNURA	5.5 - 6.5	BAYBERRY	4.0 - 6.0	LITHOSPERMUM	5.0 - 6.5
CHERRY	6.0 - 7.5	THYME	5.5 - 7.0	HEDERA (IVY)	6.0 - 8.0	BERGENIA	6.0 - 7.5	LOBELIA	6.5 - 7.5
CRANBERRY	5.5 - 6.5	TOMATO	5.5 - 7.5	HELIOTROPIUM	5.0 - 6.0	BLEEDING HEART	6.0 - 7.5	LUPINUS	5.5 - 7.0
CURRENT: Black	6.0 - 8.0	TURNIP	5.5 - 7.0	HENS AND CHICKENS	6.0 - 7.0	BLUEBELL	6.0 - 7.6	MAGNOLIA	5.0 - 6.0
Red	5.5 - 7.0	WATER CRESS	6.0 - 8.0	HERRINGBONE PLANT	6.0 - 6.0	BROOM	5.0 - 6.0	MAHONIA	6.0 - 7.0
White	6.0 - 8.0	HOUSE and GREENHOUSE PLANTS		HIBISCUS PLANT	6.0 - 8.0	BUDDLEIA	6.0 - 7.0	MARGOLD	5.5 - 7.0
DAMSON	6.0 - 7.5	ABUTILON	5.5 - 6.5	HOYA	5.0 - 6.5	BUPHTHALUM	6.0 - 8.0	MOLINIA	4.0 - 5.0
GOOSEBERRY	5.0 - 6.5	ACORUS	5.0 - 6.5	IMPATIENS	5.5 - 6.5	BUTTERFLY BUSH	4.0 - 6.0	MORAEA	5.5 - 6.5
GRAPEVINE	6.0 - 7.0	AECHMEA	5.0 - 5.5	IVY TREE	6.0 - 7.0	CALENDULA	5.5 - 7.0	MORNING GLORY	6.0 - 7.5
GRAPEFRUIT	6.0 - 7.5	AFRICAN VIOLET	6.0 - 7.0	JACARANDA	6.0 - 7.5	CAMASSIA	6.0 - 8.0	MOSS	6.0 - 8.0
HAZELNUT	6.0 - 7.0	AGLAONEMA	5.0 - 6.0	JAPANESE SEDGE	6.0 - 8.0	CANDYTUFT	6.0 - 7.5	MOSS, SPHAGNUM	3.5 - 5.0
HOP	6.0 - 7.5	AMARYLLIS	5.5 - 6.5	JASMINUM	5.5 - 7.0	CANNA	6.0 - 8.0	MYOSOTIS	6.0 - 7.0
HUCKLEBERRY	4.0 - 6.0	ANTHURIUM	5.0 - 6.0	JERUSALEM CHERRY	5.5 - 6.5	CANTERBURY BELLS	7.0 - 7.5	NARCISSUS	6.0 - 8.5
LEMON	6.0 - 7.0	APHELANDRA	5.0 - 6.0	JESSAMONE	5.0 - 6.0	CARDINAL FLOWER	4.0 - 6.0	NASTURTIUM	5.5 - 7.5
LYCHEE	6.0 - 7.0	ARAUCHARIA	5.0 - 6.0	KALANCHOE	6.0 - 7.5	CARNATION	6.0 - 7.5	NICOTIANA	5.5 - 6.5
MANGO	5.0 - 6.0	ASPARAGUS FERN	6.0 - 8.0	KANGAROO THORN	6.0 - 8.0	CATALPA	6.0 - 8.0	PACHYSANDRA	5.0 - 8.0
MELON	5.5 - 6.5	ASPIDISTRA	4.0 - 5.5	KANGAROO VINE	5.0 - 6.5	CELOSIA	6.0 - 7.0	PAEONIA	6.0 - 7.5
MULBERRY	6.0 - 7.5	AZALEA	4.5 - 6.0	LANTANA	5.5 - 7.0	CENTAUREA	5.0 - 6.5	PANSY	5.5 - 7.0
NECTARINE	6.0 - 7.5	BABY'S BREATH	6.0 - 7.5	LAURUS (BAY TREE)	5.0 - 6.0	CERASTIUM	6.0 - 7.0	PASSION FLOWER	6.0 - 8.0
PEACH	6.0 - 7.5	BABY'S TEARS	5.0 - 6.0	LEMON PLANT	6.0 - 7.5	CHRYSANTHEMUM	6.0 - 7.0	PASQUE FLOWER	5.0 - 6.0
PEAR	6.0 - 7.5	BEGONIA	5.5 - 7.0	MIMOSA	5.0 - 7.0	CISSUS	6.0 - 7.5	PAULOWNIA	6.0 - 8.0
PINEAPPLE	5.0 - 6.0	BIRD OF PARADISE	6.0 - 6.5	MIND YOUR OWN BUSINESS	5.0 - 5.5	CISTUS	6.0 - 7.5	PENSTEMON	5.5 - 7.0
PLUM	6.0 - 7.5	BISHOP'S CAP	5.0 - 6.0	MONSTERA	5.0 - 6.0	CLARKIA	6.0 - 6.5	PERIWINKLE	6.0 - 7.5
POMEGRANATE	5.5 - 6.5	BLACK-EYED SUSAN	5.5 - 7.5	MYRTLE	6.0 - 8.0	CLIANTHUS	6.0 - 7.5	PETUNIA	6.0 - 7.5
QUINCE	6.0 - 7.5	BLOOD LEAF	5.5 - 6.5	NEVER NEVER PLANT	5.0 - 6.0	CLEMATIS	5.5 - 7.0	PINKS	6.0 - 7.5
RASPBERRY	5.0 - 7.5	BOTTLEBRUSH	6.0 - 7.5	NICODEMIA (INDOOR OAK)	6.0 - 8.0	COLCHICUM	5.5 - 6.5	POLYGONUM	6.0 - 7.5
RHUBARB	5.5 - 7.0	BOUGAINVILLEA	5.5 - 7.5	NORFOLK ISLAND PINE	5.0 - 6.0	COLUMBINE	6.0 - 7.0	POLYANTHUS	6.0 - 7.5
STRAWBERRY	5.0 - 7.5	BOXWOOD	6.0 - 7.5	OLEANDER	6.0 - 7.5	CONVOLVULUS	6.0 - 8.0	POPPY	6.0 - 7.5
WATERMELON	5.5 - 6.5	BROMELIADS	5.0 - 7.5	OPLISMENUS	5.0 - 6.0	COREOPSIS	5.0 - 6.0	PORTULACA	5.5 - 7.5
VEGETABLES AND HERBS		BUTTERFLY FLOWER	6.0 - 7.5	ORCHID	4.5 - 5.5	CORONILLA	6.5 - 7.5	PRIMROSE	5.5 - 6.5
ARTICHOKE	6.5 - 7.5	CACTI	4.5 - 6.0	OXALIS	6.0 - 8.0	CORYDALIS	6.0 - 8.0	PRIMULA	6.0 - 7.5
ASPARAGUS	6.0 - 8.0	CALCAOLARIA	6.0 - 7.0	PALMS	6.0 - 7.5	COSMOS	5.0 - 8.0	PRIVET	5.0 - 7.5
BASIL	5.5 - 6.5	CALADIUM	5.0 - 6.0	PANDANUS	5.0 - 6.0	COTTONEASTER	6.0 - 8.0	PRUNELLA	6.0 - 7.5
BEAN	6.0 - 7.5	CALLA LILY	6.0 - 7.0	PEACOCK PLANT	5.0 - 6.0	CRAB APPLE	6.0 - 7.5	PRUNUS	6.5 - 7.5
(Runner, Broad, French)		CAMELIA	4.5 - 5.5	PELLIONIA	5.0 - 6.0	CROCUS	6.0 - 8.0	PYRETHRUM	6.0 - 7.5
BEETROOT	6.0 - 7.5	CAMPANULA	5.5 - 6.5	PEPEROMIA	5.0 - 6.0	CYNOGLOSSUM	6.0 - 7.5	RED HOT POKER	6.0 - 7.5
BROCCOLI	6.0 - 7.0	CAPSICUM	5.0 - 6.5	PHILODENDRON	5.0 - 6.0	DAFFODIL	6.0 - 6.5	RHODODENDRON	4.5 - 6.0
BRUSSELS SPROUTS	6.0 - 7.5	CARDINAL FLOWER	5.0 - 6.0	PILEA	6.0 - 8.0	DAHLIA	6.0 - 7.5	ROSES:	
CABBAGE	6.0 - 7.5	CASTOR OIL PLANT	5.5 - 6.5	PLUMBAGO	5.5 - 6.5	DAY LILY	6.0 - 8.0	HYBRID TEA	5.5 - 7.0
CALABRESE	6.5 - 7.5	CANTURY PLANT	5.0 - 6.5	PODACARPUS	5.0 - 6.5	DELPHINIUM	6.0 - 7.5	CLIMBING	6.0 - 7.0
CARROT	5.5 - 7.0	CHINESE EVERGREEN	5.0 - 6.0	POINTSETTIA	6.0 - 7.5	DEUTZIA	6.0 - 7.5	RAMBLING	5.5 - 7.0
CAULIFLOWER	5.5 - 7.5	CHINESE PRIMROSE	6.0 - 7.5	POLYSCIAS	6.0 - 7.5	DIANTHUS	6.0 - 7.5	SALVIA	6.0 - 7.5
CELERY	6.0 - 7.0	CHRISTMAS CACTUS	5.0 - 6.5	POTHOS	5.0 - 6.0	DOGWOOD	5.0 - 7.0	SCABIOSA	5.0 - 7.5
CHICORY	5.0 - 6.5	CINERARIA	5.5 - 7.0	PRAYER PLANT	5.0 - 6.0	EDELWEISS	6.5 - 7.5	SEDUM	6.0 - 7.5
CHINESE CABBAGE	6.0 - 7.5	CLERODENDRUM	5.0 - 6.0	PUNICA	5.5 - 6.5	ELAEAGNUS	5.0 - 7.5	SNAPDRAGON	5.5 - 7.0
CHIVES	6.0 - 7.0	CLIVIA	5.5 - 6.5	SANSERIERIA	4.5 - 7.0	ENKANTHUS	5.0 - 6.0	SNOWDROP	6.0 - 8.0
CORN - SWEET	5.5 - 7.0	COCKSCOMB	6.0 - 7.0	SAXIFRAGA	6.0 - 8.0	ERICA	4.5 - 6.0	SOAPWORT	6.0 - 7.5
CRESS	6.0 - 7.0	COFFEE PLANT	5.0 - 6.0	SCINDAPSUS	5.0 - 6.0	EUPHORBIA	6.0 - 7.0	SPEEDWELL	5.5 - 6.5
COURGETTES	5.5 - 7.0	COLEUS	6.0 - 7.0	SHRIMP PLANT	6.0 - 7.0	EVERLASTINGS	5.0 - 6.0	SPIRAEA	6.0 - 7.5
CUCUMBER	5.5 - 7.5	COLUMNEA	4.5 - 5.5	SPANISH BAYONET	6.0 - 7.5	FIRETHORN	6.0 - 8.0	SPRUCE	4.0 - 5.0
FENNEL	5.0 - 6.0	CORAL BERRY	5.5 - 7.5	SPIDER PLANT	6.0 - 7.5	FORGET-ME-NOTS	6.0 - 7.0	STOCK	6.0 - 7.5
GARLIC	5.5 - 7.5	CRASSULA	5.0 - 6.0	SUCCULENTS	5.0 - 6.5	FORSYTHIA	6.0 - 8.0	STONECROP	6.5 - 7.5
GINGER	6.0 - 8.0	CREEPING FIG	5.0 - 6.0	SYNOGONIUM	5.0 - 6.0	FOXGLOVE	6.0 - 7.5	SUMACK	5.0 - 6.5
HORSERADISH	6.0 - 7.0	CROTON	5.0 - 6.0	TOLMIEA	5.0 - 6.0	FRITILLARIA	6.0 - 7.5	SUNFLOWER	5.0 - 7.0
KALE	6.0 - 7.5	CROWN OF THORNS	6.0 - 7.5	TRADESCANTIA	5.0 - 6.0	FUCHSIA	5.5 - 7.5	SWEET PEA	6.0 - 7.5
KOHLRABI	6.0 - 7.5	CUPHEA	6.0 - 7.5	UMBRELLA TREE	5.0 - 7.5	GAILLARDIA	6.0 - 7.5	SWEET WILLIAM	6.0 - 7.5
LEEK	6.0 - 8.0	CYCLAMEN	6.0 - 7.0	VENUS FLYTRAP	4.0 - 5.0	GAZANIA	5.5 - 7.0	TAMARIX	6.5 - 8.0
LENTIL	5.5 - 7.0	CYPERUS	5.0 - 7.5	WEeping FIG	5.0 - 6.0	GENTIANA	5.0 - 7.5	TRILLIUM	5.0 - 6.5
LETTUCE	6.0 - 7.0	DIEFFENBACHIA	5.0 - 6.0	YUCCA	6.0 - 7.5	GEUM	6.0 - 7.5	TULIP	6.0 - 7.0
MARJORAM	6.0 - 8.0	DIPLADENIA	6.0 - 7.5	ZEBRINA	5.0 - 6.0	GLADIOILI	6.0 - 7.0	VIBERNUM	5.0 - 7.5
MARROW	6.0 - 7.5	DIZGOTHECA	6.0 - 7.5	FLOWERS, TREES AND SHRUBS		GLOBULARIA	5.5 - 7.0	VIOLA	5.5 - 6.5
MILLET	6.0 - 6.5	DRACAENA	5.0 - 6.0	ABELIA	6.0 - 8.0	GODETIA	6.0 - 7.5	VIRGINIA CREEPER	5.0 - 7.5
MINT	7.0 - 8.0	EASTER LILY	6.0 - 7.0	ACACIA	6.0 - 8.0	GOLDEN ROD	5.0 - 7.0	WALLFLOWER	5.5 - 7.5
MUSHROOM	6.5 - 7.5	ELEPHANT'S EAR	5.0 - 6.0	ACANTHUS	6.0 - 7.0	GYPSOPHILIA	6.0 - 7.5	WATER LILY	5.5 - 6.5
MUSTARD	6.0 - 7.5	EPISCIA	6.0 - 7.0	ACONITUM	5.0 - 6.0	HAWTHORN	6.0 - 7.0	WEIGELIA	6.0 - 7.5
OLIVE	5.5 - 6.5	EUONYMUS	6.0 - 8.0	ADONIS	6.0 - 8.0	HEATHER	4.0 - 6.0	WISTARIA	6.0 - 8.0
ONION	6.0 - 7.0	FERNS:		AGERATUM	6.0 - 7.5	HELIANTHUS	5.0 - 7.0	ZINNIA	5.5 - 7.5
PAPRIKA	7.0 - 8.5	BIRD'S NEST	5.0 - 5.5	AILANTHUS	6.0 - 7.5	HELLEBORUS	6.0 - 7.5	TURF AND ORNAMENTAL GRASSES	
PARSLEY	5.0 - 7.0	BOSTON	5.5 - 6.5	AJUGA	4.0 - 6.0	HOLLY	5.0 - 6.5	BAHAI	6.5 - 7.5
PARSNIP	5.5 - 7.5	BUTTON	6.0 - 8.0	ALTHEA	6.0 - 7.5	HOLLYHOCK	6.0 - 7.5	BENT	5.5 - 6.5
PEA	6.0 - 7.5	CHRISTMAS	6.0 - 7.5	ALYSSUM	6.0 - 7.5	HONEYSUCKLE	6.0 - 7.5	BERMUDA	6.0 - 7.0
PEANUT	5.0 - 6.5	CLOAK	6.0 - 7.5	AMARANTHUS	6.0 - 6.5	HYACINTH	6.5 - 7.5	CANADA BLUE	4.5 - 6.4
PECAN	4.0 - 6.0	FEATHER	5.5 - 6.5	ANCHUSA	6.0 - 7.5	HYDRANGEA (Blue)	4.0 - 5.0	CLOVER	6.0 - 7.0
PEPPER	5.5 - 7.0	HART'S TONGUE	7.0 - 8.0	ANDROSACE	5.0 - 6.0	HYDRANGEA (Pink)	6.0 - 7.0	KENTUCKY BLUE	6.0 - 7.5
PEPPERMINT	6.0 - 7.5	HOLLY	4.5 - 6.0	ANEMONE	6.0 - 7.5	HYDRANGEA (White)	6.5 - 8.0	MEADOW	6.0 - 7.5
PISTACHIO	5.0 - 6.0	MAIDENHAIR	6.0 - 8.0	ANTHYLLIS	5.0 - 6.0	HYPERICUM	5.5 - 7.0	PAMPAS	6.0 - 8.0
POTATO	4.5 - 6.0	RABBITS FOOT	6.0 - 7.5	ARBUTUS	4.0 - 6.0	IRIS	5.0 - 6.5	RED TOP	6.0 - 6.5
POTATO - SWEET	5.5 - 6.0	SPLEENWORT	6.0 - 7.5	ARENARIA	6.0 - 8.0	IVY	6.0 - 7.5	RYE	6.0 - 7.0
PUMPKIN	5.5 - 7.5	FIG	5.0 - 6.0	ARISTEA	6.0 - 7.5	JUNIPER	5.0 - 6.5	ST. AUGUSTINE	6.5 - 7.5
RADISH	6.0 - 7.0	FITTONIA	5.5 - 6.5	ARMERIA	6.0 - 7.5	KALMIA	4.5 - 5.0	TALL FESCUE	6.0 - 7.0
RICE	5.0 - 6.5	FREESIA	6.0 - 7.5	ARNICA	5.0 - 6.5	KERRIA	6.0 - 7.0	VELVET BENT	5.0 - 6.0
ROSEMARY	5.0 - 6.0	GARDENIA	5.0 - 6.0			LABURNUM	6.0 - 7.0	ZOYSIA	6.0 - 7.0

Soil Test Kit Questions and Answers

Question: I tested my soil, the pH test worked, but the rest of the results are clear. What's wrong?

1. An error has been made in the testing process.
2. Nutrient levels are too low for the test to indicate.
3. The capsules have absorbed too much moisture prior to being used. The reaction has already occurred within the capsule itself.

Question: My pH test result came out dark blue, there is no blue on the pH color chart.

1. The water being used to perform the test is alkaline. Recommend distilled water for the testing process.
2. The soil pH is higher than 7.5. The color results change from greens to blues to purples as the pH rises.

Question: I got results on all but the Nitrogen portion of the kit.

1. Nitrogen leaches out of the soil very quickly, especially in sandy soil.
2. The form of Nitrogen the kit tests for is Nitrate, the form used by plants. Nitrate is formed through the natural Nitrogen cycle within the soil. It is possible to have Nitrogen present in the soil in a non-testable form.

Question: I tested fertilizer with the kit and still got no reaction!

The kit detects only the form of the nutrient used by the plant. These nutrients must break down to the form tested for, through the natural bacterial action and decay processes in the soil. In most cases fertilizers will not test correctly.

Question: I fertilized my soil as recommended in your instructions and then re-tested. My readings didn't change.

Because the nutrients need to break down, we recommend two to four weeks between fertilizing and re-testing.

Question: My soil will not settle to the bottom in the soil/water solution I've mixed.

Although the directions read the soil and water should settle for at least 10 minutes before proceeding, there is no harm in letting the soil settle much longer. Suggest the consumer mix the soil and water the evening or even the day before testing. Some very fine clay soil will not settle. For these few homeowners, the kit will not work.

Question: The testing capsule didn't dissolve.

The capsules must be opened and the testing powder poured into the test tube. There isn't enough water present to dissolve the capsule.

Question: The color result I got doesn't match any on the color chart.

1. If the result is the same "color" but a different "shade" it's a matter of a judgment decision between the different nutrient levels.
2. The consumer may have inadvertently used the wrong capsule for the test in question.

In most cases we offer to send the consumer additional reagent capsules for re-testing. If an error was made in the first testing process, it's generally corrected the second time through.

HoldAll®
Decorative Plant Accessories

40 TESTS
DIRECTIONS INSIDE

SOIL TEST KIT

Tests Your Soil for a Healthy Garden

• pH • Nitrogen(N) • Phosphorus(P) • Potassium(K) •

WHY TEST YOUR SOIL?

Plants need food (nutrients) for healthy growth. Nitrogen, Phosphorus and Potash (N, P and K for short), play a vital role in plant growth just as vitamins, minerals, carbohydrates and protein do in our health.

HOW TO TEST YOUR SOIL

For the new and experienced soil testers alike, you will appreciate this easy, fast and fun way to achieve better growing results from your gardening efforts!

Everything is color-coded, including the tubes and capsules. All you do is take a sample of soil, mix with water, add powder from capsule, shake and watch the color develop. Then, note your test results. Fast, easy and it only takes a few minutes!

WHEN TO TEST YOUR SOIL

Soil should be tested periodically throughout the growing season, but it is especially recommended to test before planting in Spring and when preparing beds in Fall. And, if you feel your plants are not growing well, a soil test may help.

Included in the kit are:

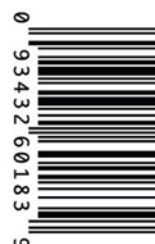
40 test capsules, 10 each for pH, N, P and K, Four (4) Color-coded Test Tubes, Test Tube Storage Dock, complete instructions for adjusting soil pH, fertilization guidelines and pH preference list for over 450 plants for the home, yard and garden.

Soil Test Kit Components
Complete Instruction
booklet Inside.



60183L

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2711 International St., Columbus, OH 43228
www.PanaceaProducts.com
Assembled in USA from
Foreign and Domestic parts



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APPENDIX G

BLM Seed Mixture 2, for LPC Sand/Shinnery Sites

Seed Mixture for LPC Sand/Shinnery Sites

The holder shall seed all disturbed areas with the seed mixture listed below. The seed mixture shall be planted in the amounts specified in pounds of pure live seed (PLS)* per acre. There shall be no primary or secondary noxious weeds in the seed mixture. Seed will be tested and the viability testing of seed will be done in accordance with State law(s) and within nine (9) months prior to purchase. Commercial seed will be either certified or registered seed. The seed container will be tagged in accordance with State law(s) and available for inspection by the authorized officer.

Seed will be planted using a drill equipped with a depth regulator to ensure proper depth of planting where drilling is possible. The seed mixture will be evenly and uniformly planted over the disturbed area (smaller/heavier seeds have a tendency to drop the bottom of the drill and are planted first). The holder shall take appropriate measures to ensure this does not occur. Where drilling is not possible, seed will be broadcast and the area shall be raked or chained to cover the seed. When broadcasting the seed, the pounds per acre are to be doubled. The seeding will be repeated until a satisfactory stand is established as determined by the authorized officer. Evaluation of growth will not be made before completion of at least one full growing season after seeding.

Species to be planted in pounds of pure live seed* per acre:

<u>Species</u>	<u>lb/acre</u>
Plains Bristlegrass	5lbs/A
Sand Bluestem	5lbs/A
Little Bluestem	3lbs/A
Big Bluestem	6lbs/A
Plains Coreopsis	2lbs/A
Sand Dropseed	1lbs/A

*Pounds of pure live seed:

Pounds of seed x percent purity x percent germination = pounds pure live seed

APPENDIX H

Correspondence & Notifications

P.O. Box 62228 Midland • TX • 79711 • Tel: 432-563-2200 • Fax: 432-563-2213



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 418725

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 418725
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2106147760
Incident Name	NAPP2106147760 FLAGLER 8 CTB 1 @ 0
Incident Type	Oil Release
Incident Status	Remediation Plan Approved

Location of Release Source	
Site Name	FLAGLER 8 CTB 1
Date Release Discovered	02/16/2021
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	5,496
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	01/16/2025
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 (32.140569, -103.602434).

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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 418725

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 418725
	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

Sante Fe Main Office
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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 422003

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 422003
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2106147760
Incident Name	NAPP2106147760 FLAGLER 8 CTB 1 @ 0
Incident Type	Oil Release
Incident Status	Remediation Plan Approved

Location of Release Source	
Site Name	FLAGLER 8 CTB 1
Date Release Discovered	02/16/2021
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	9,867
What is the estimated number of samples that will be gathered	40
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/22/2025
Time sampling will commence	12:00 PM
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 (32.140569, -103.602434).

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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 422003

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 422003
	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.	1/17/2025

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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 432337

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 432337
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2106147760
Incident Name	NAPP2106147760 FLAGLER 8 CTB 1 @ 0
Incident Type	Oil Release
Incident Status	Remediation Plan Approved

Location of Release Source	
Site Name	FLAGLER 8 CTB 1
Date Release Discovered	02/16/2021
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	9,867
What is the estimated number of samples that will be gathered	10
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 (32.140569, -103.602434).

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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

CONDITIONS

Action 432337

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 432337
	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

APPENDIX I

Archived Reports

P.O. Box 62228 Midland • TX • 79711 • Tel: 432-563-2200 • Fax: 432-563-2213





SITE CHARACTERIZATION AND REMEDATION PLAN

Flagler 8 CTB 1

Eddy County, New Mexico

Incident Number:

nAPP2106147760

Prepared For:

Devon Energy Production Company, LP

5315 Buena Vista Dr.

Carlsbad, NM 88220

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 Site Characterization and Remediation Plan (SCRP) detailing delineation soil sampling activities, associated with an inadvertent release of crude oil at the Flagler 8 CTB 1 (Site). Based on laboratory analytical results, Devon proposes remediation objectives to remove residual impacted soil to the Maximum Extent Practical (MEP) and treat the excavated soil via soil-shredding to rectify environmental impacts.

SITE LOCATION AND RELEASE BACKGROUNDS

The Site is located in Unit M, Section 8, Township 25 South, Range 33 East, in Lea County, New Mexico (32.140567°, -103.601127°) and is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM) (**Figure 1 in Appendix A**).

On February 16, 2021, a Victaulic Clamp broke causing 12.2 barrels (bbls) of crude oil onto the production pad surface. A vacuum truck was immediately dispatched and recovered approximately 8 bbls of free-standing fluids. Devon immediately reported the release to the New Mexico Oil Conservation Division (NMOCD) on a Release Notification and Corrective Action Form C-141 (Form C-141), which was received by the NMOCD on March 2, 2021, and was subsequently assigned Incident Number nAPP2106147760. **Figure 2 in Appendix A** depicts the observed release area, hereafter referred to as the Area of Concern (AOC).

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 ½-mile 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 detailed in the approved RWP, 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.

DELINEATION SOIL SAMPLING ACTIVITIES

Between April 3, 2024, and April 8, 2024, Etech conducted delineation activities to assess the presence or absence of residual soil impacts associated with the AOC. Eight delineation potholes (BH01 through BH08) were advanced via mechanical equipment within and around the AOC. Delineation activities were driven in accordance with Site Closure Criteria by field screening soil for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride using Hach® chloride QuanTab® test strips or until refusal, whichever was encountered first. 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.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for soil samples assisting with lateral delineation (BH04 through BH08) were compliant with Site Closure Criteria

Laboratory analytical results for the remaining samples collected within the AOC (BH01 through BH03) indicated that TPH-GRO+TPH-DRO and/or TPH exceeded the Site Closure Criteria within the top four feet bgs. Residual impacts are characterized by concentrations ranging from 3,790 mg/kg to 24,900 mg/kg. Laboratory analytical results are summarized in Table 1 included in **Appendix E**. The executed chain-of-custody form and laboratory reports are provided in **Appendix F**.

PROPOSED REMEDIATION WORK PLAN

Based on the delineation soil sampling results, the following conclusions regarding the inadvertent release are presented:

- Laboratory analytical results for all delineation soil samples within and around the AOC indicated that TPH-GRO+TPH-DRO/TPH was the only observable residual impact and no chloride impacts

were detected, making it a suitable candidate to treat hydrocarbon impacted soil by means of soil shredding.

- Laboratory analytical results for delineation soil samples BH04 through BH08 indicated all concentrations of the COCs were below the Site Closure Criteria, and sufficiently defines the horizontal periphery of the AOC.
- Laboratory analytical results for the terminus depth of all delineation soil samples indicated all concentrations of the COCs were below Site Closure Criteria, which sufficiently defines the vertical extent of the AOC.

Based on the conclusions drawn above, Devon proposes the following remedial corrective action options:

- Based on laboratory analytical results, Devon believes the Site to be a good candidate for soil shredding to rectify residual soil impacts due to the low concentrations of chloride identified throughout the Site:
 - i. Residual impacted soil will be excavated via mechanical equipment and non-destructive techniques based on delineation analytical results and field screening soil for VOCs and chloride as described above. Excavated impacted soil will be staged in a stockpile(s) outside of the excavation on a physical barrier, such as plastic, until the chemical hydrogen peroxide amendment may be applied. Confirmation excavation soil samples will be collected from the sidewalls and floor of the excavation and sent to an accredited laboratory for analyses of chloride, TPH, and BTEX.
 - ii. A hydrogen peroxide solution will be applied to the excavated soil and then stockpiled in approximately 100 Cubic Yard (CY) piles on a physical barrier, such as plastic, until sampled by Etech and determined to be below Site Closure Criteria. One 5-point composite soil sample will be collected from each 100 CY stockpile and analyzed for chloride, TPH, and BTEX by an accredited laboratory. Upon confirmation receipt of laboratory analytical results of the stockpile(s), the amended, excavated soil will be used to backfill the excavation.
- If the alternative remediation method is determined to be inadequate based on the unexpected presence of elevated chloride concentrations, incompatible soil type, or otherwise determined, Devon proposes the conventional dig and haul method to rectify environmental impacts:
 - iii. Residual impacted soil will be excavated via mechanical equipment and non-destructive techniques based on delineation analytical results and field screening soil for VOCs and chloride as described above. Excavated impacted soil will be staged in a stockpile(s) outside of the excavation on a physical barrier, such as plastic, until the residual impacted soil may be hauled from the Site to an approved landfill under Devon approved waste manifests. Confirmation excavation soil samples will be collected from the sidewalls and floor of the excavation and sent to an accredited laboratory for analyses of chloride, TPH, and BTEX. Upon confirmation receipt of laboratory analytical results, the excavation will be backfilled and restored to its original grade.

In either event, Devon anticipates a large AOC and requests the following sampling variance:

- Devon proposes increasing the confirmation sampling size from 200 square feet per confirmation soil sample to represent a maximum of 500 square feet. As such, 20 confirmation soil samples are anticipated to be collected, compared to 50 soil samples utilizing a sampling frequency of 200 square feet.

- Lateral/edge confirmation soil samples will still be collected at a sampling frequency representing no more than 200 square feet per soil sample. Confirmation soil samples will be submitted to an accredited laboratory for analysis of chloride, TPH, and BTEX.

PROPOSED SCHEDULE

Upon the notice of NMOCD approval of this SCRP, Devon will begin the proposed remediation activities outlined above and provide a report detailing completed remediation activities for Incident Number nAPP2106147760.

If you have any questions or comments, please do not hesitate to contact Joseph Hernandez at (432) 305-6413 or joseph@etechenv.com or Erick Herrera (432) 305-6416 or erick@etechenv.com.

Appendix G provides correspondence email notification receipts associated with the subject release.

Sincerely,
Etech Environmental and Safety Solutions, Inc.



Erick Herrera
Staff 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: Proposed Excavation Extent
- 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



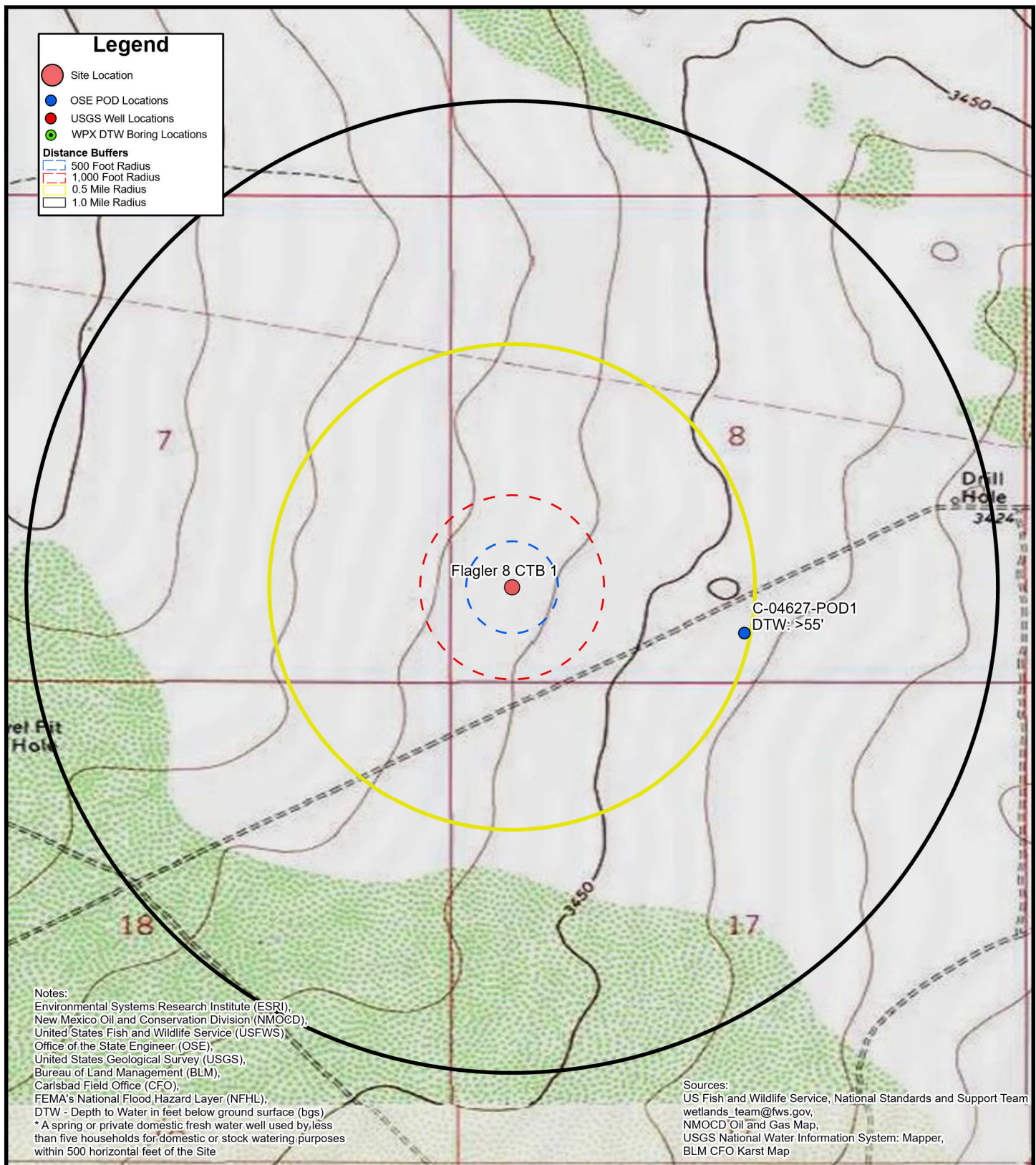
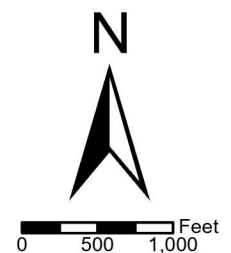
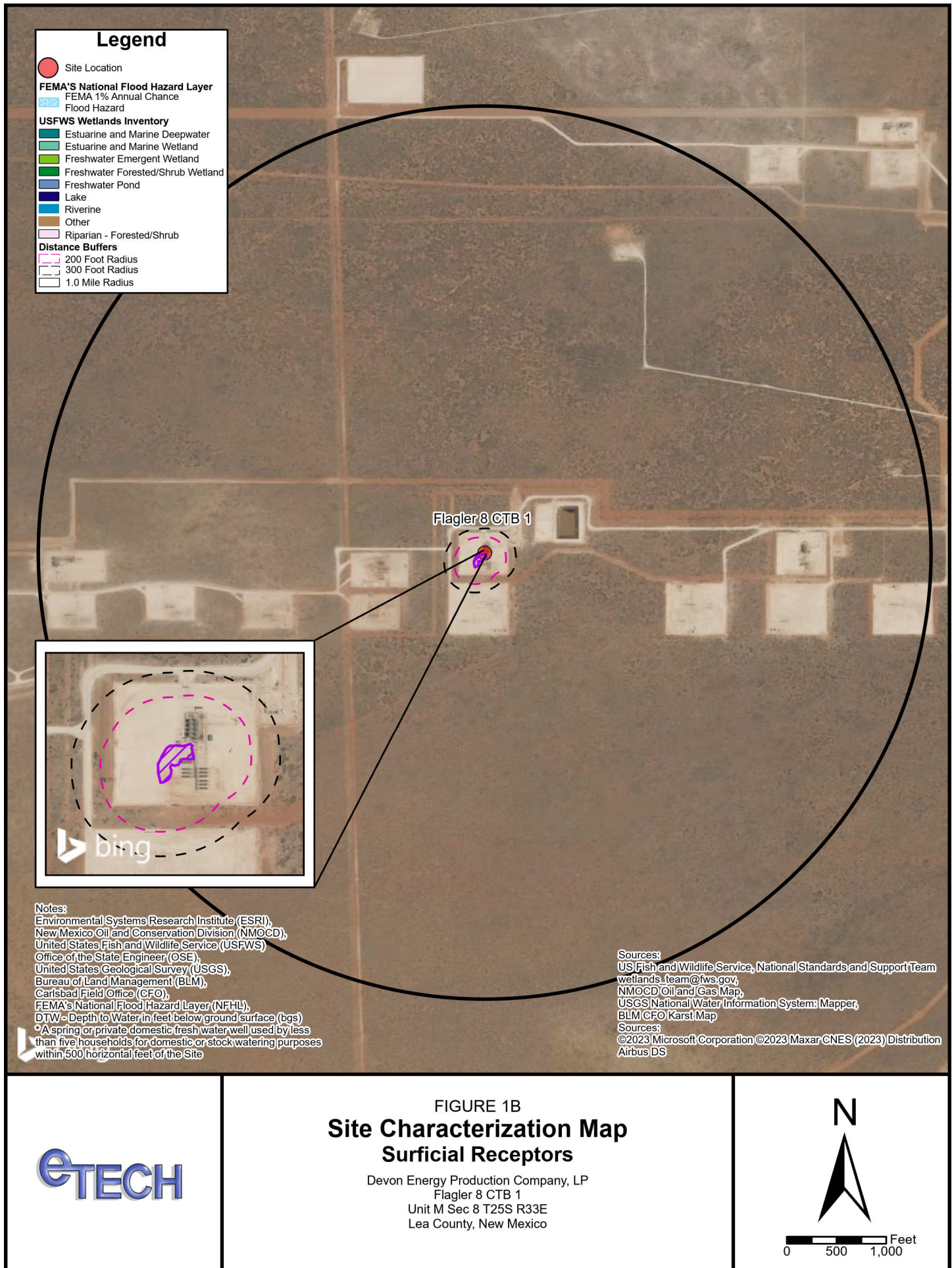
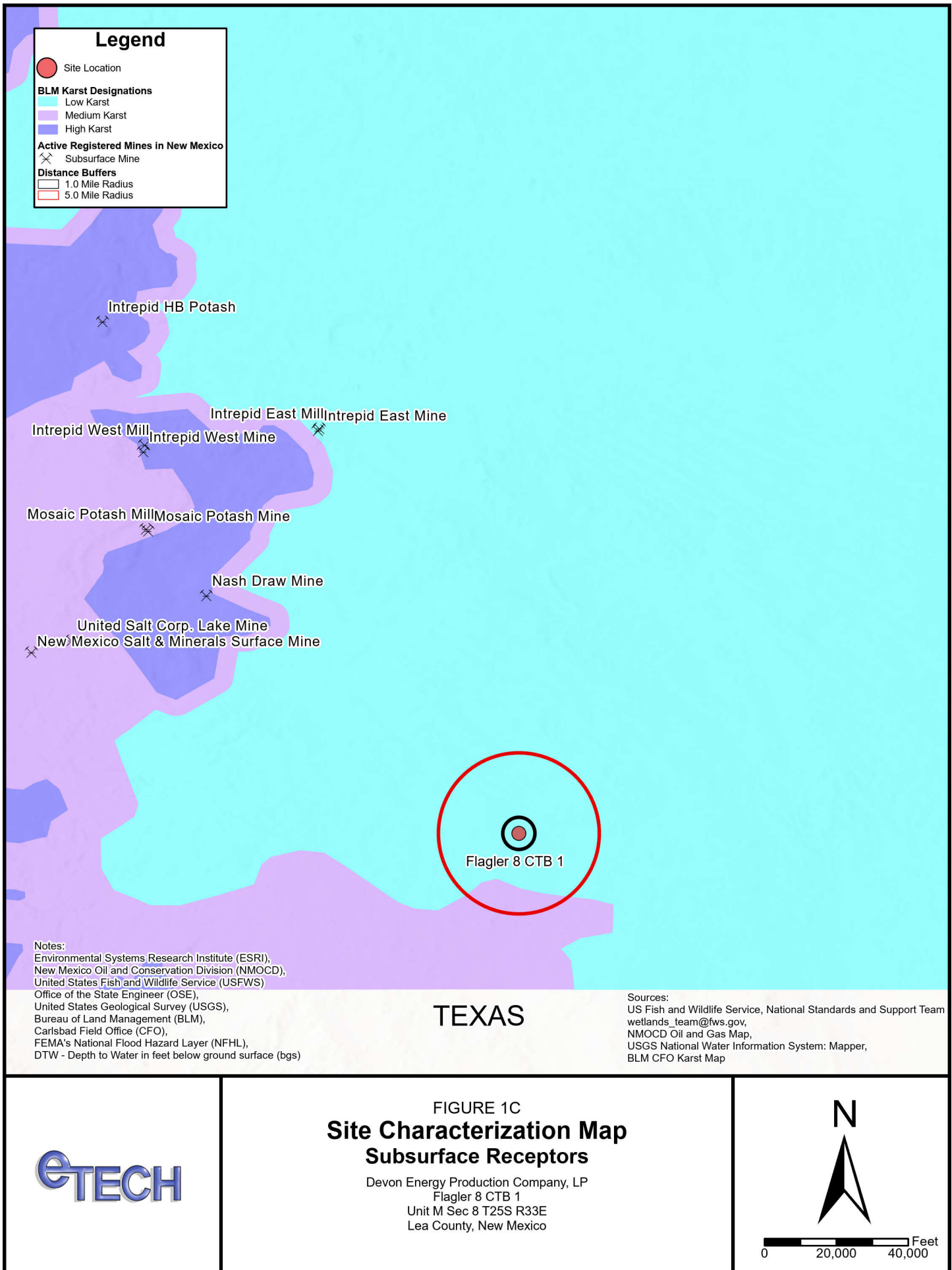


FIGURE 1A
**Site Characterization Map
 Groundwater**

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







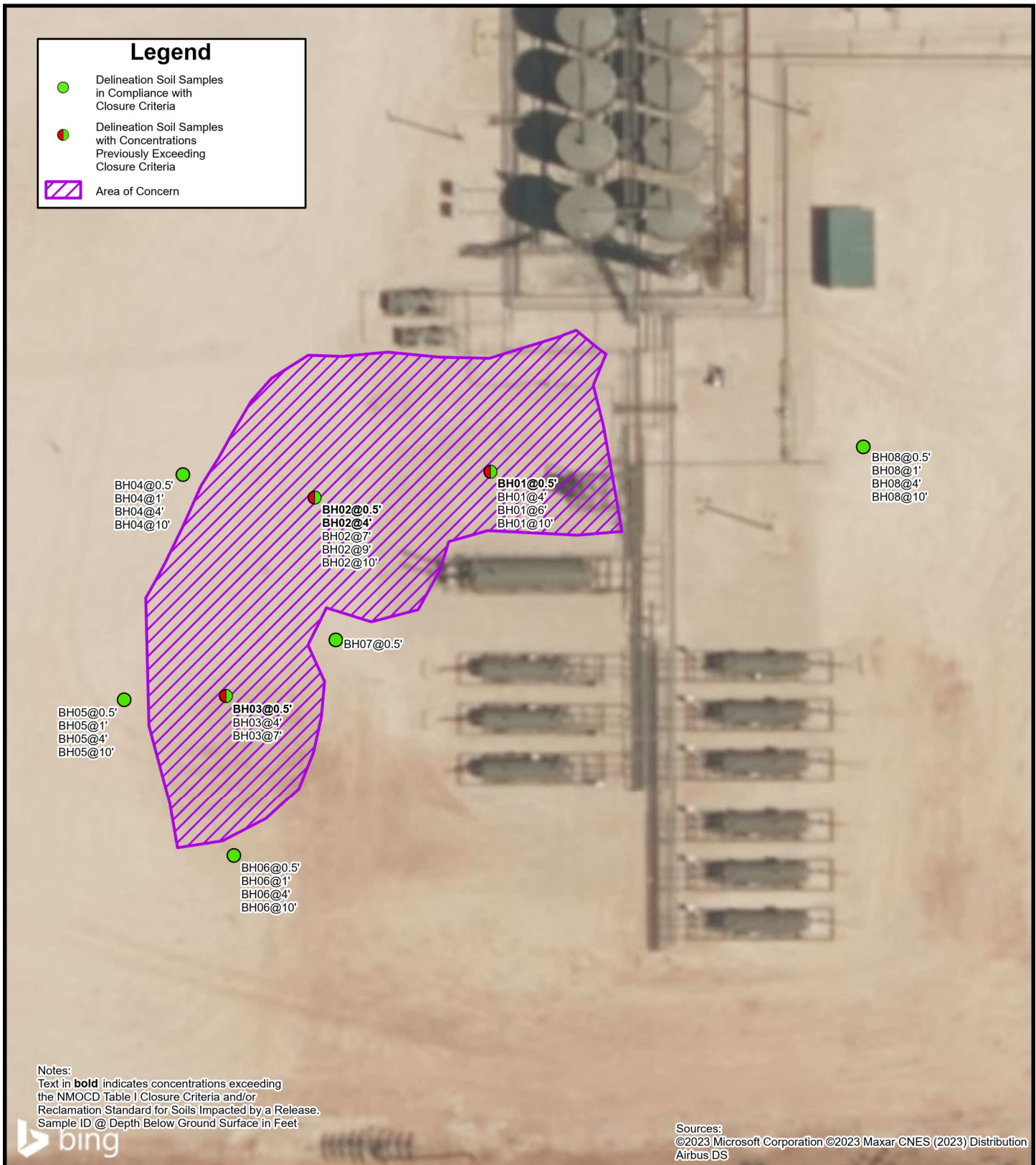


FIGURE 2

Delineation Soil Sample Locations

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

eTECH

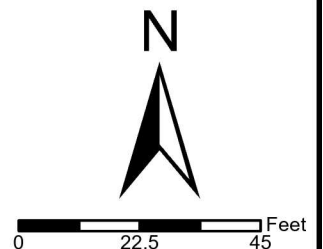


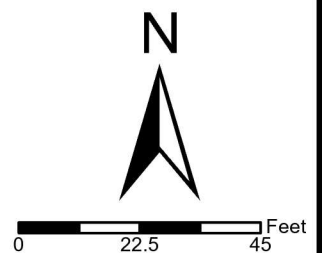


FIGURE 3

Proposed Excavation Extent

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

eTECH



APPENDIX B

Referenced Well 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. C-4627-POD 1	POD NO. 1	TRN NO. 726174
LOCATION 25.33.08.334	WELL TAG ID NO.	PAGE 1 OF 2

	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				
4. HYDROGEOLOGIC LOG OF WELL	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	
					Y N	
					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):
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:					
	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 style="text-align: right;">OSE 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	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:					
	 _____ SIGNATURE OF DRILLER / PRINT SIGNEE NAME			Jackie D. Atkins _____ DATE		

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: BH01		Date: 04/03/2024 & 04/08/2024			
								Site Name: FLAGLER 8 CTB 1					
								Incident Number: nAPP2106147760					
								Job Number: 19290					
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Edyte Konan		Method: Backhoe			
Site Coordinates: 32.140448, -103.601253								Hole Diameter: N/A		Total Depth: 10 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. No correction factors included.													
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes					
Dry	328	210.7	Yes	BH01	0.5	0.5	CCHE	(0-3') CALICHE, dry, tan, well graded with silt, fine to coarse grain, some small gravel, some staining, some odor.					
Dry	224	971.3	Yes		1	1		(3-4') SAND, dry, brown, poorly graded with some silt, very fine to fine grain, no stain, no odor.					
Dry	224	70.6	No			2		(4-10') CALICHE, dry, tan, well graded with silt, fine to coarse grain, some small gravel, no stain, no odor.					
						3	SP-SM						
Dry	196	29.6	No	BH01	4	4	CCHE						
Dry	<116	29.4	No			5							
Dry	<116	0.5	No			6							
						7							
						8							
						9							
Dry	<116	0.0	No	BH01		10							
Total Depth													


								Sample Name: BH02		Date: 04/03/2024 & 04/08/2024			
								Site Name: FLAGLER 8 CTB 1					
								Incident Number: nAPP2106147760					
								Job Number: 19290					
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Edyte Konan		Method: Backhoe			
Site Coordinates: 32.140448, -103.601253								Hole Diameter: N/A		Total Depth: 10 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. No correction factors included.													
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes					
Dry	224	593.2	Yes	BH02	0.5	0.5	CCHE	(0-3') CALICHE, dry, tan, well graded with silt, fine to coarse grain, some small gravel, some staining, some odor.					
Dry	196	1,491	Yes		1	1		(3-4') SAND, dry, brown, poorly graded with some silt, very fine to fine grain, no stain, some odor.					
Dry	196	1,572	Yes			2		(4-10') CALICHE, dry, tan, well graded with silt, fine to coarse grain, some small gravel, no stain, some odor.					
						3	SP-SM						
Dry	196	1,574	No	BH02	4	4	CCHE						
Dry	196	1,468	No		5	5							
Dry	196	1,161	No		6	6							
Dry	<124	7.5	No		7	7							
Dry	196	302.1	No		8	8							
Dry	<116	6.8	No	BH02	9	9							
Dry	<116	3.2	No	BH02	10	10							
Total Depth													


								Sample Name: BH03		Date: 04/03/2024 & 04/08/2024			
								Site Name: FLAGLER 8 CTB 1					
								Incident Number: nAPP2106147760					
								Job Number: 19290					
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Edyte Konan		Method: Backhoe			
Site Coordinates: 32.140448, -103.601253								Hole Diameter: N/A		Total Depth: 7 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. No correction factors included.													
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes					
Dry	196	1,210	Yes	BH03	0.5	0.5	CCHE	(0-3') CALICHE, dry, tan, well graded with silt, fine to coarse grain, some small gravel, some staining, some odor.					
Dry	196	934.3	Yes		1	1		(3-4') SAND, dry, brown, poorly graded with some silt, very fine to fine grain, no stain, some odor.					
Dry	196	512.4	No			2		(4-7') CALICHE, dry, tan, well graded with silt, fine to coarse grain, some small gravel, no stain, no odor.					
						3	SP-SM	@7' refusal					
Dry	196	155.1	No	BH03	4	4	CCHE						
Dry	<116	3.0	No			5							
						6							
Dry	<116	0.0	No	BH03	7	7							
Total Depth													

								Sample Name: BH04		Date: 04/08/2024			
								Site Name: FLAGLER 8 CTB 1					
								Incident Number: nAPP2106147760					
								Job Number: 19290					
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Edyte Konan		Method: Backhoe			
Site Coordinates: 32.140448, -103.601253								Hole Diameter: N/A		Total Depth: 10 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. No correction factors included.													
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes					
Dry	192	0.0	No	BH04	0.5	0.5	CCHE	(0-3') CALICHE, dry, tan, well graded with silt, fine to coarse grain, some small gravel, no stain, no odor.					
Dry	192	0.0	No	BH04	1	1		(3-4') SAND, dry, brown, poorly graded with some silt, very fine to fine grain, no stain, no odor.					
						2		(4-10') CALICHE, dry, tan, well graded with silt, fine to coarse grain, some small gravel, no stain, no odor.					
						3	SP-SM						
Dry	192	0.0	No	BH04	4	4	CCHE						
						5							
						6							
						7							
						8							
						9							
Dry	<124	0.0	No	BH04	10	10							
Total Depth													

								Sample Name: BH05		Date: 04/08/2024			
								Site Name: FLAGLER 8 CTB 1					
								Incident Number: nAPP2106147760					
								Job Number: 19290					
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Edyte Konan		Method: Backhoe			
Site Coordinates: 32.140448, -103.601253								Hole Diameter: N/A		Total Depth: 10 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. No correction factors included.													
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes					
Dry	<124	6.7	No	BH05	0.5	0.5	CCHE	(0-3') CALICHE, dry, tan, well graded with silt, fine to coarse grain, some small gravel, no stain, no odor.					
Dry	<124	0.0	No	BH05	1	1		(3-4') SAND, dry, brown, poorly graded with some silt, very fine to fine grain, no stain, no odor.					
						2		(4-10') CALICHE, dry, tan, well graded with silt, fine to coarse grain, some small gravel, no stain, no odor.					
						3	SP-SM						
Dry	<124	0.0	No	BH05	4	4	CCHE						
						5							
						6							
						7							
						8							
						9							
Dry	<124	0.0	No	BH05	10	10							
Total Depth													

								Sample Name: BH06		Date: 04/08/2024					
								Site Name: FLAGLER 8 CTB 1							
								Incident Number: nAPP2106147760							
								Job Number: 19290							
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Edyte Konan		Method: Backhoe					
Site Coordinates: 32.140448, -103.601253								Hole Diameter: N/A		Total Depth: 10 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. No correction factors included.															
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes							
Dry	<124	0.0	No	BH06	0.5	0.5	CCHE	(0-3') CALICHE, dry, tan, well graded with silt, fine to coarse grain, some small gravel, no stain, no odor.							
Dry	<124	0.0	No	BH06	1	1		(3-4') SAND, dry, brown, poorly graded with some silt, very fine to fine grain, no stain, no odor.							
						2		(4-10') CALICHE, dry, tan, well graded with silt, fine to coarse grain, some small gravel, no stain, no odor.							
						3	SP-SM								
Dry	<124	0.0	No	BH06	4	4	CCHE								
						5									
						6									
						7									
						8									
						9									
Dry	<124	0.0	No	BH06	10	10									
Total Depth															

								Sample Name: BH07		Date: 04/08/2024					
								Site Name: FLAGLER 8 CTB 1							
								Incident Number: nAPP2106147760							
								Job Number: 19290							
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Edyte Konan		Method: Backhoe					
Site Coordinates: 32.140448, -103.601253								Hole Diameter: N/A		Total Depth: 10 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. No correction factors included.															
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes							
Dry	192	0.0	No	BH07	0.5	0.5	CCHE	(0-3') CALICHE, dry, tan, well graded with silt, fine to coarse grain, some small gravel, no stain, no odor.							
Dry	<124	0.0	No	BH07	1	1		(3-4') SAND, dry, brown, poorly graded with some silt, very fine to fine grain, no stain, no odor.							
						2		(4-10') CALICHE, dry, tan, well graded with silt, fine to coarse grain, some small gravel, no stain, no odor.							
						3	SP-SM								
Dry	<124	0.0	No	BH07	4	4	CCHE								
						5									
						6									
						7									
						8									
						9									
Dry	<124	0.0	No	BH07	10	10									
Total Depth															

								Sample Name: BH08		Date: 04/08/2024			
								Site Name: FLAGLER 8 CTB 1					
								Incident Number: nAPP2106147760					
								Job Number: 19290					
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Edyte Konan		Method: Backhoe			
Site Coordinates: 32.140448, -103.601253								Hole Diameter: N/A		Total Depth: 10 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. No correction factors included.													
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes					
Dry	<124	0.0	No	BH08	0.5	0.5	CCHE	(0-4') CALICHE, dry, tan, well graded with silt, fine to coarse grain, some small gravel, no stain, no odor.					
Dry	<124	0.0	No	BH08	1	1		(4-10') SAND, dry, brown, poorly graded with some silt, very fine to fine grain, no stain, no odor.					
						2		@5' Color change to light brown					
						3							
Dry	<124	0.0	No	BH08	4	4	SP-SM						
						5							
						6							
						7							
						8							
						9							
Dry	<124	0.0	No	BH08	10	10							
Total Depth													

APPENDIX D

Photographic Log

**PHOTOGRAPHIC LOG**

Devon Energy Production Company, LP

Flagler 8 CTB 1

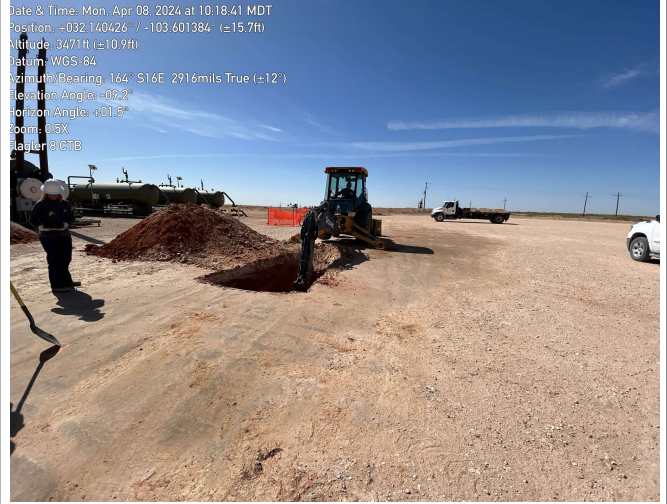
Incident Number nAPP2106147760

Date & Time: Mon, Apr 08, 2024 at 15:17:03 MDT
 Position: +032.140360° / -103.601473° (±11.4ft)
 Altitude: 3475ft (±9.8ft)
 Datum: WGS-84
 Azimuth/Bearing: 076° N46E 3782mils True (±22°)
 Elevation Angle: -10.2°
 Horizon Angle: -34.4°
 Zoom: 0.5X
 Flagler 8 CTB

**Photograph 1****Date: 04/08/2024**

Description: Northeastern view of delineation activities.

Date & Time: Mon, Apr 08, 2024 at 10:18:41 MDT
 Position: +032.140426° / -103.601384° (±15.7ft)
 Altitude: 3471ft (±10.9ft)
 Datum: WGS-84
 Azimuth/Bearing: 164° S16E 2916mils True (±12°)
 Elevation Angle: +09.2°
 Horizon Angle: +01.5°
 Zoom: 0.5X
 Flagler 8 CTB

**Photograph 2****Date: 04/08/2024**

Description: Southeastern view of delineation activities.

Date & Time: Mon, Apr 08, 2024 at 11:30:36 MDT
 Position: +032.140348° / -103.601431° (±15.1ft)
 Altitude: 3475ft (±11.6ft)
 Datum: WGS-84
 Azimuth/Bearing: 174° S06E 3093mils True (±12°)
 Elevation Angle: -13.6°
 Horizon Angle: +02.7°
 Zoom: 0.5X
 Flagler 8 CTB

**Photograph 3****Date: 04/08/2024**

Description: Eastern view of delineation activities.

Date & Time: Mon, Apr 08, 2024 at 09:38:23 MDT
 Position: +032.140409° / -103.601215° (±11.6ft)
 Altitude: 3473ft (±9.8ft)
 Datum: WGS-84
 Azimuth/Bearing: 283° N77W 5031mils True (±12°)
 Elevation Angle: -07.3°
 Horizon Angle: -00.8°
 Zoom: 0.5X
 Flagler 8 CTB

**Photograph 4****Date: 04/08/2024**

Description: Northwestern view of delineation activities.

APPENDIX E

Table



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 nAPP2106147760										
BH01	04/03/2024	0.5	<0.0250	2.75	89.8	13,600	4,660	13,700	18,300	112
BH01	04/03/2024	4	<0.0250	<0.0500	<20.0	425	306	425	731	<20.0
BH01	04/08/2024	6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH01	04/08/2024	10	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	36.7
BH02	04/03/2024	0.5	0.319	48.1	428	12,300	4,660	12,700	17,400	42.8
BH02	04/03/2024	4	<0.0250	8.34	146	3,640	989	3,790	4,780	<20.0
BH02	04/08/2024	7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH02	04/03/2024	9	<0.0250	<0.0500	<20.0	152	93.6	152	246	<20.0
BH02	04/08/2024	10	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH03	04/03/2024	0.5	0.049	27.6	435	19,500	4,930	19,900	24,900	31.5
BH03	04/03/2024	4	<0.0250	0.315	<20.0	645	325	645	970	<20.0
BH03	04/08/2024	7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH04	04/08/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	33.3
BH04	04/08/2024	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	23.3
BH04	04/08/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH04	04/08/2024	10	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH05	04/08/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH05	04/08/2024	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH05	04/08/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH05	04/08/2024	10	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	20.4
BH06	04/08/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH06	04/08/2024	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH06	04/08/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH06	04/08/2024	10	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH07	04/08/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	194
BH07	04/08/2024	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH07	04/08/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH07	04/08/2024	10	<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
BH08	04/08/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH08	04/08/2024	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH08	04/08/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH08	04/08/2024	10	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

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

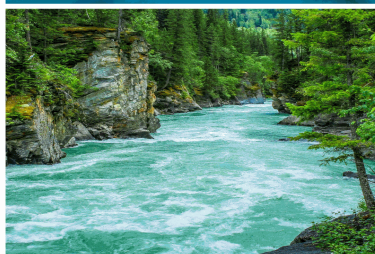
Text in "grey" represents excavated soil samples

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.

APPENDIX F

Laboratory Analytical Reports & Chain-of-Custody Documentation

Report to:
Gilbert Moreno



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: FLAGLER 8 CTB 1

Work Order: E404036

Job Number: 01058-0007

Received: 4/5/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/10/24

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: 4/10/24



Gilbert Moreno
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: FLAGLER 8 CTB 1
Workorder: E404036
Date Received: 4/5/2024 6:30:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/5/2024 6:30:00AM, 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
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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:	Gilbert Moreno	04/10/24 11:47

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH01 0.5'	E404036-01A	Soil	04/03/24	04/05/24	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported: 4/10/2024 11:47:36AM
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	

BH01 0.5'

E404036-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2414072	
Benzene	ND	0.0250	1	04/05/24	04/06/24	
Ethylbenzene	0.217	0.0250	1	04/05/24	04/06/24	
Toluene	0.243	0.0250	1	04/05/24	04/06/24	
o-Xylene	0.215	0.0250	1	04/05/24	04/06/24	
p,m-Xylene	2.08	0.0500	1	04/05/24	04/06/24	
Total Xylenes	2.29	0.0250	1	04/05/24	04/06/24	
Surrogate: 4-Bromochlorobenzene-PID	123 %	70-130		04/05/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2414072	
Gasoline Range Organics (C6-C10)	89.8	20.0	1	04/05/24	04/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	99.2 %	70-130		04/05/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2414069	
Diesel Range Organics (C10-C28)	13600	125	5	04/05/24	04/08/24	
Oil Range Organics (C28-C36)	4660	250	5	04/05/24	04/08/24	
Surrogate: n-Nonane	135 %	50-200		04/05/24	04/08/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2414073	
Chloride	112	20.0	1	04/05/24	04/05/24	



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:	Gilbert Moreno	4/10/2024 11:47:36AM

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 (2414072-BLK1) Prepared: 04/05/24 Analyzed: 04/05/24

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	7.71		8.00		96.4	70-130			

LCS (2414072-BS1) Prepared: 04/05/24 Analyzed: 04/05/24

Benzene	5.31	0.0250	5.00		106	70-130			
Ethylbenzene	5.16	0.0250	5.00		103	70-130			
Toluene	5.30	0.0250	5.00		106	70-130			
o-Xylene	5.24	0.0250	5.00		105	70-130			
p,m-Xylene	10.5	0.0500	10.0		105	70-130			
Total Xylenes	15.8	0.0250	15.0		105	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.82		8.00		97.8	70-130			

Matrix Spike (2414072-MS1) Source: E404034-05 Prepared: 04/05/24 Analyzed: 04/05/24

Benzene	6.57	0.0250	5.00	1.68	97.8	54-133			
Ethylbenzene	8.02	0.0250	5.00	3.64	87.7	61-133			
Toluene	17.7	0.0250	5.00	14.5	63.9	61-130			
o-Xylene	11.5	0.0250	5.00	7.63	78.0	63-131			
p,m-Xylene	27.8	0.0500	10.0	21.1	66.1	63-131			
Total Xylenes	39.3	0.0250	15.0	28.8	70.1	63-131			
Surrogate: 4-Bromochlorobenzene-PID	8.56		8.00		107	70-130			

Matrix Spike Dup (2414072-MSD1) Source: E404034-05 Prepared: 04/05/24 Analyzed: 04/05/24

Benzene	5.92	0.0250	5.00	1.68	84.8	54-133	10.4	20	
Ethylbenzene	7.46	0.0250	5.00	3.64	76.3	61-133	7.32	20	
Toluene	17.9	0.0250	5.00	14.5	67.7	61-130	1.09	20	
o-Xylene	11.3	0.0250	5.00	7.63	74.1	63-131	1.72	20	
p,m-Xylene	28.0	0.0500	10.0	21.1	68.6	63-131	0.906	20	
Total Xylenes	39.3	0.0250	15.0	28.8	70.4	63-131	0.143	20	
Surrogate: 4-Bromochlorobenzene-PID	8.58		8.00		107	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:	Gilbert Moreno	4/10/2024 11:47:36AM

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 (2414072-BLK1) Prepared: 04/05/24 Analyzed: 04/05/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.20		8.00		90.1	70-130			

LCS (2414072-BS2) Prepared: 04/05/24 Analyzed: 04/05/24

Gasoline Range Organics (C6-C10)	45.5	20.0	50.0		91.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.38		8.00		92.2	70-130			

Matrix Spike (2414072-MS2) Source: E404034-05 Prepared: 04/05/24 Analyzed: 04/05/24

Gasoline Range Organics (C6-C10)	235	20.0	50.0	224	21.5	70-130			M4
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.59		8.00		94.8	70-130			

Matrix Spike Dup (2414072-MSD2) Source: E404034-05 Prepared: 04/05/24 Analyzed: 04/05/24

Gasoline Range Organics (C6-C10)	247	20.0	50.0	224	44.9	70-130	4.87	20	M4
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.72		8.00		96.5	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:	Gilbert Moreno	4/10/2024 11:47:36AM

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 (2414069-BLK1)					Prepared: 04/05/24 Analyzed: 04/08/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	40.5		50.0		81.0	50-200			

LCS (2414069-BS1)					Prepared: 04/05/24 Analyzed: 04/08/24				
Diesel Range Organics (C10-C28)	250	25.0	250		99.9	38-132			
Surrogate: n-Nonane	43.9		50.0		87.8	50-200			

Matrix Spike (2414069-MS1)					Source: E404022-04		Prepared: 04/05/24 Analyzed: 04/08/24		
Diesel Range Organics (C10-C28)	249	25.0	250	ND	99.7	38-132			
Surrogate: n-Nonane	43.9		50.0		87.7	50-200			

Matrix Spike Dup (2414069-MSD1)					Source: E404022-04		Prepared: 04/05/24 Analyzed: 04/08/24		
Diesel Range Organics (C10-C28)	258	25.0	250	ND	103	38-132	3.45	20	
Surrogate: n-Nonane	44.5		50.0		89.0	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:	Gilbert Moreno	4/10/2024 11:47:36AM

Anions by EPA 300.0/9056A

Analyst: IY

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

Blank (2414073-BLK1)					Prepared: 04/05/24 Analyzed: 04/05/24				
Chloride	ND	20.0							
LCS (2414073-BS1)					Prepared: 04/05/24 Analyzed: 04/05/24				
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2414073-MS1)					Source: E404035-03		Prepared: 04/05/24 Analyzed: 04/05/24		
Chloride	252	20.0	250	ND	101	80-120			
Matrix Spike Dup (2414073-MSD1)					Source: E404035-03		Prepared: 04/05/24 Analyzed: 04/05/24		
Chloride	251	20.0	250	ND	100	80-120	0.410	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:	Gilbert Moreno	04/10/24 11:47

- 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.



[illegible]

Envirotech Analytical Laboratory

Printed: 4/5/2024 12:48:57PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	04/05/24 06:30	Work Order ID:	E404036
Phone:	(575) 748-0176	Date Logged In:	04/04/24 16:19	Logged In By:	Angelina Pineda
Email:	Devon-team@etechnv.com	Due Date:	04/11/24 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

Carrier: Courier

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

Comments/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

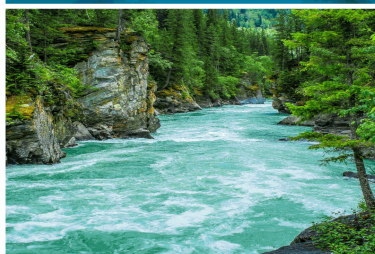
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Gilbert Moreno



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: FLAGLER 8 CTB 1

Work Order: E404037

Job Number: 01058-0007

Received: 4/5/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/10/24

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: 4/10/24



Gilbert Moreno
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: FLAGLER 8 CTB 1
Workorder: E404037
Date Received: 4/5/2024 6:30:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/5/2024 6:30:00AM, 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
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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:	Gilbert Moreno	04/10/24 11:46

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH01 4'	E404037-01A	Soil	04/03/24	04/05/24	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: Gilbert Moreno	Reported: 4/10/2024 11:46:51AM
---	--	-----------------------------------

BH01 4'
E404037-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2414064	
Benzene	ND	0.0250	1	04/04/24	04/08/24	
Ethylbenzene	ND	0.0250	1	04/04/24	04/08/24	
Toluene	ND	0.0250	1	04/04/24	04/08/24	
o-Xylene	ND	0.0250	1	04/04/24	04/08/24	
p,m-Xylene	ND	0.0500	1	04/04/24	04/08/24	
Total Xylenes	ND	0.0250	1	04/04/24	04/08/24	
Surrogate: 4-Bromochlorobenzene-PID	97.9 %	70-130		04/04/24	04/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2414064	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/04/24	04/08/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	95.4 %	70-130		04/04/24	04/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2414070	
Diesel Range Organics (C10-C28)	425	25.0	1	04/05/24	04/09/24	
Oil Range Organics (C28-C36)	306	50.0	1	04/05/24	04/09/24	
Surrogate: n-Nonane	84.7 %	50-200		04/05/24	04/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2414073	
Chloride	ND	20.0	1	04/05/24	04/05/24	



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:	Gilbert Moreno	4/10/2024 11:46:51AM

Volatile Organics by EPA 8021B

Analyst: RAS

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 (2414064-BLK1) Prepared: 04/04/24 Analyzed: 04/04/24

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	7.55		8.00		94.4	70-130			

LCS (2414064-BS1) Prepared: 04/04/24 Analyzed: 04/04/24

Benzene	5.17	0.0250	5.00		103	70-130			
Ethylbenzene	5.13	0.0250	5.00		103	70-130			
Toluene	5.13	0.0250	5.00		103	70-130			
o-Xylene	5.07	0.0250	5.00		101	70-130			
p,m-Xylene	10.3	0.0500	10.0		103	70-130			
Total Xylenes	15.4	0.0250	15.0		103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.53		8.00		94.1	70-130			

Matrix Spike (2414064-MS1) Source: E404028-01 Prepared: 04/04/24 Analyzed: 04/04/24

Benzene	5.61	0.0250	5.00	ND	112	54-133			
Ethylbenzene	5.55	0.0250	5.00	ND	111	61-133			
Toluene	5.57	0.0250	5.00	ND	111	61-130			
o-Xylene	5.50	0.0250	5.00	ND	110	63-131			
p,m-Xylene	11.1	0.0500	10.0	ND	111	63-131			
Total Xylenes	16.6	0.0250	15.0	ND	111	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.56		8.00		94.5	70-130			

Matrix Spike Dup (2414064-MSD1) Source: E404028-01 Prepared: 04/04/24 Analyzed: 04/05/24

Benzene	5.50	0.0250	5.00	ND	110	54-133	2.05	20	
Ethylbenzene	5.46	0.0250	5.00	ND	109	61-133	1.57	20	
Toluene	5.47	0.0250	5.00	ND	109	61-130	1.74	20	
o-Xylene	5.42	0.0250	5.00	ND	108	63-131	1.44	20	
p,m-Xylene	11.0	0.0500	10.0	ND	110	63-131	1.54	20	
Total Xylenes	16.4	0.0250	15.0	ND	109	63-131	1.50	20	
Surrogate: 4-Bromochlorobenzene-PID	7.58		8.00		94.7	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:	Gilbert Moreno	4/10/2024 11:46:51AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RAS

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 (2414064-BLK1) Prepared: 04/04/24 Analyzed: 04/04/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.68		8.00		96.0	70-130			

LCS (2414064-BS2) Prepared: 04/04/24 Analyzed: 04/04/24

Gasoline Range Organics (C6-C10)	51.7	20.0	50.0		103	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.76		8.00		96.9	70-130			

Matrix Spike (2414064-MS2) Source: E404028-01 Prepared: 04/04/24 Analyzed: 04/05/24

Gasoline Range Organics (C6-C10)	54.6	20.0	50.0	ND	109	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.76		8.00		97.0	70-130			

Matrix Spike Dup (2414064-MSD2) Source: E404028-01 Prepared: 04/04/24 Analyzed: 04/05/24

Gasoline Range Organics (C6-C10)	50.5	20.0	50.0	ND	101	70-130	7.82	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:	Gilbert Moreno	4/10/2024 11:46:51AM

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 (2414070-BLK1)					Prepared: 04/05/24 Analyzed: 04/08/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	40.4		50.0		80.7	50-200			

LCS (2414070-BS1)					Prepared: 04/05/24 Analyzed: 04/09/24				
Diesel Range Organics (C10-C28)	245	25.0	250		98.0	38-132			
Surrogate: n-Nonane	43.7		50.0		87.4	50-200			

Matrix Spike (2414070-MS1)					Source: E404034-01		Prepared: 04/05/24 Analyzed: 04/09/24		
Diesel Range Organics (C10-C28)	5960	25.0	250	5290	267	38-132			M4
Surrogate: n-Nonane	62.5		50.0		125	50-200			

Matrix Spike Dup (2414070-MSD1)					Source: E404034-01		Prepared: 04/05/24 Analyzed: 04/09/24		
Diesel Range Organics (C10-C28)	5550	25.0	250	5290	106	38-132	7.00	20	
Surrogate: n-Nonane	60.6		50.0		121	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:	Gilbert Moreno	4/10/2024 11:46:51AM

Anions by EPA 300.0/9056A

Analyst: IY

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

Blank (2414073-BLK1)					Prepared: 04/05/24 Analyzed: 04/05/24				
Chloride	ND	20.0							
LCS (2414073-BS1)					Prepared: 04/05/24 Analyzed: 04/05/24				
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2414073-MS1)					Source: E404035-03		Prepared: 04/05/24 Analyzed: 04/05/24		
Chloride	252	20.0	250	ND	101	80-120			
Matrix Spike Dup (2414073-MSD1)					Source: E404035-03		Prepared: 04/05/24 Analyzed: 04/05/24		
Chloride	251	20.0	250	ND	100	80-120	0.410	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:	Gilbert Moreno	04/10/24 11:46

- M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

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

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



[illegible]

Envirotech Analytical Laboratory

Printed: 4/5/2024 1:00:14PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	04/05/24 06:30	Work Order ID:	E404037
Phone:	(575) 748-0176	Date Logged In:	04/04/24 16:23	Logged In By:	Angelina Pineda
Email:	Devon-team@etechnv.com	Due Date:	04/11/24 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

Carrier: Courier

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

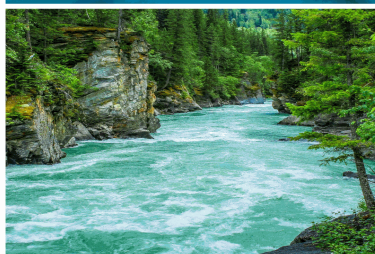
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Gilbert Moreno



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: FLAGLER 8 CTB 1

Work Order: E404074

Job Number: 01058-0007

Received: 4/10/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/16/24

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: 4/16/24

Gilbert Moreno
6488 7 Rivers Hwy
Artesia, NM 88210



Project Name: FLAGLER 8 CTB 1
Workorder: E404074
Date Received: 4/10/2024 10:12:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/10/2024 10:12:00AM, 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:	Gilbert Moreno	04/16/24 12:00

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH01 6'	E404074-01A	Soil	04/08/24	04/10/24	Glass Jar, 2 oz.
BH01 10'	E404074-02A	Soil	04/08/24	04/10/24	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported: 4/16/2024 12:00:59PM
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	

BH01 6'
E404074-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2415035	
Benzene	ND	0.0250	1	04/10/24	04/11/24	
Ethylbenzene	ND	0.0250	1	04/10/24	04/11/24	
Toluene	ND	0.0250	1	04/10/24	04/11/24	
o-Xylene	ND	0.0250	1	04/10/24	04/11/24	
p,m-Xylene	ND	0.0500	1	04/10/24	04/11/24	
Total Xylenes	ND	0.0250	1	04/10/24	04/11/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.0 %	70-130		04/10/24	04/11/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2415035	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/10/24	04/11/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.5 %	70-130		04/10/24	04/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2416012	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/15/24	04/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/15/24	04/16/24	
<i>Surrogate: n-Nonane</i>						
	117 %	50-200		04/15/24	04/16/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2415043	
Chloride	ND	20.0	1	04/10/24	04/11/24	

Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: FLAGLER 8 CTB 1 Project Number: 01058-0007 Project Manager: Gilbert Moreno	Reported: 4/16/2024 12:00:59PM
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BH01 10'

E404074-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2415035	
Benzene	ND	0.0250	1	04/10/24	04/11/24	
Ethylbenzene	ND	0.0250	1	04/10/24	04/11/24	
Toluene	ND	0.0250	1	04/10/24	04/11/24	
o-Xylene	ND	0.0250	1	04/10/24	04/11/24	
p,m-Xylene	ND	0.0500	1	04/10/24	04/11/24	
Total Xylenes	ND	0.0250	1	04/10/24	04/11/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.5 %	70-130		04/10/24	04/11/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2415035	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/10/24	04/11/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.1 %	70-130		04/10/24	04/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2416012	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/15/24	04/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/15/24	04/16/24	
<i>Surrogate: n-Nonane</i>						
	118 %	50-200		04/15/24	04/16/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2415043	
Chloride	36.7	20.0	1	04/10/24	04/11/24	



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:	Gilbert Moreno	4/16/2024 12:00:59PM

Volatile Organics by EPA 8021B

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 (2415035-BLK1) Prepared: 04/10/24 Analyzed: 04/11/24

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	7.66		8.00		95.8	70-130			

LCS (2415035-BS1) Prepared: 04/10/24 Analyzed: 04/11/24

Benzene	4.83	0.0250	5.00		96.5	70-130			
Ethylbenzene	4.87	0.0250	5.00		97.4	70-130			
Toluene	4.95	0.0250	5.00		99.1	70-130			
o-Xylene	4.97	0.0250	5.00		99.4	70-130			
p,m-Xylene	9.96	0.0500	10.0		99.6	70-130			
Total Xylenes	14.9	0.0250	15.0		99.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.76		8.00		96.9	70-130			

Matrix Spike (2415035-MS1) Source: E404072-01 Prepared: 04/10/24 Analyzed: 04/11/24

Benzene	4.80	0.0250	5.00	ND	95.9	54-133			
Ethylbenzene	4.80	0.0250	5.00	ND	96.0	61-133			
Toluene	4.90	0.0250	5.00	ND	98.0	61-130			
o-Xylene	4.91	0.0250	5.00	ND	98.3	63-131			
p,m-Xylene	9.79	0.0500	10.0	ND	97.9	63-131			
Total Xylenes	14.7	0.0250	15.0	ND	98.0	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.67		8.00		95.9	70-130			

Matrix Spike Dup (2415035-MSD1) Source: E404072-01 Prepared: 04/10/24 Analyzed: 04/11/24

Benzene	5.11	0.0250	5.00	ND	102	54-133	6.34	20	
Ethylbenzene	5.13	0.0250	5.00	ND	103	61-133	6.57	20	
Toluene	5.23	0.0250	5.00	ND	105	61-130	6.62	20	
o-Xylene	5.25	0.0250	5.00	ND	105	63-131	6.63	20	
p,m-Xylene	10.5	0.0500	10.0	ND	105	63-131	6.70	20	
Total Xylenes	15.7	0.0250	15.0	ND	105	63-131	6.68	20	
Surrogate: 4-Bromochlorobenzene-PID	7.77		8.00		97.1	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:	Gilbert Moreno	4/16/2024 12:00:59PM

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 (2415035-BLK1) Prepared: 04/10/24 Analyzed: 04/11/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.30		8.00		91.2	70-130			

LCS (2415035-BS2) Prepared: 04/10/24 Analyzed: 04/11/24

Gasoline Range Organics (C6-C10)	39.6	20.0	50.0		79.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.36		8.00		92.0	70-130			

Matrix Spike (2415035-MS2) Source: E404072-01 Prepared: 04/10/24 Analyzed: 04/11/24

Gasoline Range Organics (C6-C10)	43.3	20.0	50.0	ND	86.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.9	70-130			

Matrix Spike Dup (2415035-MSD2) Source: E404072-01 Prepared: 04/10/24 Analyzed: 04/11/24

Gasoline Range Organics (C6-C10)	45.4	20.0	50.0	ND	90.9	70-130	4.73	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.8	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:	Gilbert Moreno	4/16/2024 12:00:59PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

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 (2416012-BLK1)					Prepared: 04/15/24 Analyzed: 04/15/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	59.2		50.0		118	50-200			

LCS (2416012-BS1)					Prepared: 04/15/24 Analyzed: 04/16/24				
Diesel Range Organics (C10-C28)	307	25.0	250		123	38-132			
Surrogate: n-Nonane	57.2		50.0		114	50-200			

Matrix Spike (2416012-MS1)					Source: E404074-02		Prepared: 04/15/24 Analyzed: 04/16/24		
Diesel Range Organics (C10-C28)	308	25.0	250	ND	123	38-132			
Surrogate: n-Nonane	59.0		50.0		118	50-200			

Matrix Spike Dup (2416012-MSD1)					Source: E404074-02		Prepared: 04/15/24 Analyzed: 04/16/24		
Diesel Range Organics (C10-C28)	311	25.0	250	ND	124	38-132	1.20	20	
Surrogate: n-Nonane	58.7		50.0		117	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:	Gilbert Moreno	4/16/2024 12:00:59PM

Anions by EPA 300.0/9056A

Analyst: IY

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

Blank (2415043-BLK1)					Prepared: 04/10/24 Analyzed: 04/10/24				
Chloride	ND	20.0							
LCS (2415043-BS1)					Prepared: 04/10/24 Analyzed: 04/10/24				
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2415043-MS1)					Source: E404080-02		Prepared: 04/10/24 Analyzed: 04/10/24		
Chloride	326	20.0	250	72.9	101	80-120			
Matrix Spike Dup (2415043-MSD1)					Source: E404080-02		Prepared: 04/10/24 Analyzed: 04/10/24		
Chloride	305	20.0	250	72.9	92.8	80-120	6.59	20	

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



Definitions and Notes

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Gilbert Moreno	04/16/24 12:00

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

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

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



[illegible]

envirotech

Envirotech Analytical Laboratory

Printed: 4/10/2024 2:09:51PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	04/10/24 10:12	Work Order ID:	E404074
Phone:	(575) 748-0176	Date Logged In:	04/10/24 10:12	Logged In By:	Alexa Michaels
Email:	Devon-team@etechenv.com	Due Date:	04/16/24 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

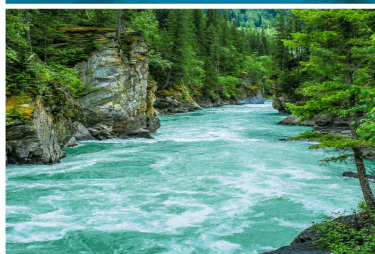
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Gilbert Moreno



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: FLAGLER 8 CTB 1

Work Order: E404038

Job Number: 01058-0007

Received: 4/5/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/10/24

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: 4/10/24



Gilbert Moreno
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: FLAGLER 8 CTB 1
Workorder: E404038
Date Received: 4/5/2024 6:30:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/5/2024 6:30:00AM, 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
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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:	Gilbert Moreno	04/10/24 11:46

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH02 0.5'	E404038-01A	Soil	04/03/24	04/05/24	Glass Jar, 2 oz.
BH02 4'	E404038-02A	Soil	04/03/24	04/05/24	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: Gilbert Moreno	Reported: 4/10/2024 11:46:03AM
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BH02 0.5'

E404038-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2414072	
Benzene	0.319	0.0250	1	04/05/24	04/06/24	
Ethylbenzene	5.73	0.0250	1	04/05/24	04/06/24	
Toluene	6.88	0.0250	1	04/05/24	04/06/24	
o-Xylene	12.2	0.0250	1	04/05/24	04/06/24	
p,m-Xylene	23.0	0.0500	1	04/05/24	04/06/24	
Total Xylenes	35.2	0.0250	1	04/05/24	04/06/24	
Surrogate: 4-Bromochlorobenzene-PID	123 %	70-130		04/05/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2414072	
Gasoline Range Organics (C6-C10)	428	20.0	1	04/05/24	04/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	128 %	70-130		04/05/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2414070	
Diesel Range Organics (C10-C28)	12300	125	5	04/05/24	04/09/24	
Oil Range Organics (C28-C36)	4660	250	5	04/05/24	04/09/24	
Surrogate: n-Nonane	241 %	50-200		04/05/24	04/09/24	S6
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2414073	
Chloride	42.8	20.0	1	04/05/24	04/05/24	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: FLAGLER 8 CTB 1 Project Number: 01058-0007 Project Manager: Gilbert Moreno	Reported: 4/10/2024 11:46:03AM
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BH02 4'

E404038-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2414072	
Benzene	ND	0.0250	1	04/05/24	04/08/24	
Ethylbenzene	0.883	0.0250	1	04/05/24	04/08/24	
Toluene	0.432	0.0250	1	04/05/24	04/08/24	
o-Xylene	2.23	0.0250	1	04/05/24	04/08/24	
p,m-Xylene	4.79	0.0500	1	04/05/24	04/08/24	
Total Xylenes	7.02	0.0250	1	04/05/24	04/08/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	115 %	70-130		04/05/24	04/08/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2414072	
Gasoline Range Organics (C6-C10)	146	20.0	1	04/05/24	04/08/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	109 %	70-130		04/05/24	04/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2414070	
Diesel Range Organics (C10-C28)	3640	25.0	1	04/05/24	04/09/24	
Oil Range Organics (C28-C36)	989	50.0	1	04/05/24	04/09/24	
<i>Surrogate: n-Nonane</i>						
	115 %	50-200		04/05/24	04/09/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2414073	
Chloride	ND	20.0	1	04/05/24	04/05/24	



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:	Gilbert Moreno	4/10/2024 11:46:03AM

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 (2414072-BLK1) Prepared: 04/05/24 Analyzed: 04/05/24

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 7.71 8.00 96.4 70-130

LCS (2414072-BS1) Prepared: 04/05/24 Analyzed: 04/05/24

Benzene	5.31	0.0250	5.00		106	70-130			
Ethylbenzene	5.16	0.0250	5.00		103	70-130			
Toluene	5.30	0.0250	5.00		106	70-130			
o-Xylene	5.24	0.0250	5.00		105	70-130			
p,m-Xylene	10.5	0.0500	10.0		105	70-130			
Total Xylenes	15.8	0.0250	15.0		105	70-130			

Surrogate: 4-Bromochlorobenzene-PID 7.82 8.00 97.8 70-130

Matrix Spike (2414072-MS1) Source: E404034-05 Prepared: 04/05/24 Analyzed: 04/05/24

Benzene	6.57	0.0250	5.00	1.68	97.8	54-133			
Ethylbenzene	8.02	0.0250	5.00	3.64	87.7	61-133			
Toluene	17.7	0.0250	5.00	14.5	63.9	61-130			
o-Xylene	11.5	0.0250	5.00	7.63	78.0	63-131			
p,m-Xylene	27.8	0.0500	10.0	21.1	66.1	63-131			
Total Xylenes	39.3	0.0250	15.0	28.8	70.1	63-131			

Surrogate: 4-Bromochlorobenzene-PID 8.56 8.00 107 70-130

Matrix Spike Dup (2414072-MSD1) Source: E404034-05 Prepared: 04/05/24 Analyzed: 04/05/24

Benzene	5.92	0.0250	5.00	1.68	84.8	54-133	10.4	20	
Ethylbenzene	7.46	0.0250	5.00	3.64	76.3	61-133	7.32	20	
Toluene	17.9	0.0250	5.00	14.5	67.7	61-130	1.09	20	
o-Xylene	11.3	0.0250	5.00	7.63	74.1	63-131	1.72	20	
p,m-Xylene	28.0	0.0500	10.0	21.1	68.6	63-131	0.906	20	
Total Xylenes	39.3	0.0250	15.0	28.8	70.4	63-131	0.143	20	

Surrogate: 4-Bromochlorobenzene-PID 8.58 8.00 107 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:	Gilbert Moreno	4/10/2024 11:46:03AM

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 (2414072-BLK1) Prepared: 04/05/24 Analyzed: 04/05/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.20		8.00		90.1	70-130			

LCS (2414072-BS2) Prepared: 04/05/24 Analyzed: 04/05/24

Gasoline Range Organics (C6-C10)	45.5	20.0	50.0		91.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.38		8.00		92.2	70-130			

Matrix Spike (2414072-MS2) Source: E404034-05 Prepared: 04/05/24 Analyzed: 04/05/24

Gasoline Range Organics (C6-C10)	235	20.0	50.0	224	21.5	70-130			M4
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.59		8.00		94.8	70-130			

Matrix Spike Dup (2414072-MSD2) Source: E404034-05 Prepared: 04/05/24 Analyzed: 04/05/24

Gasoline Range Organics (C6-C10)	247	20.0	50.0	224	44.9	70-130	4.87	20	M4
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.72		8.00		96.5	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:	Gilbert Moreno	4/10/2024 11:46:03AM

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 (2414070-BLK1)					Prepared: 04/05/24 Analyzed: 04/08/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	40.4		50.0		80.7	50-200			

LCS (2414070-BS1)					Prepared: 04/05/24 Analyzed: 04/09/24				
Diesel Range Organics (C10-C28)	245	25.0	250		98.0	38-132			
Surrogate: n-Nonane	43.7		50.0		87.4	50-200			

Matrix Spike (2414070-MS1)					Source: E404034-01		Prepared: 04/05/24 Analyzed: 04/09/24		
Diesel Range Organics (C10-C28)	5960	25.0	250	5290	267	38-132			M4
Surrogate: n-Nonane	62.5		50.0		125	50-200			

Matrix Spike Dup (2414070-MSD1)					Source: E404034-01		Prepared: 04/05/24 Analyzed: 04/09/24		
Diesel Range Organics (C10-C28)	5550	25.0	250	5290	106	38-132	7.00	20	
Surrogate: n-Nonane	60.6		50.0		121	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:	Gilbert Moreno	4/10/2024 11:46:03AM

Anions by EPA 300.0/9056A

Analyst: IY

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

Blank (2414073-BLK1)					Prepared: 04/05/24 Analyzed: 04/05/24				
Chloride	ND	20.0							
LCS (2414073-BS1)					Prepared: 04/05/24 Analyzed: 04/05/24				
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2414073-MS1)					Source: E404035-03		Prepared: 04/05/24 Analyzed: 04/05/24		
Chloride	252	20.0	250	ND	101	80-120			
Matrix Spike Dup (2414073-MSD1)					Source: E404035-03		Prepared: 04/05/24 Analyzed: 04/05/24		
Chloride	251	20.0	250	ND	100	80-120	0.410	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:	Gilbert Moreno	04/10/24 11:46

M4	Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
S6	Surrogate was diluted out due to high concentrations of target and/or non-target analytes and does not provide useful information. The associated LCS spike recovery was acceptable.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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



Client: Devon Energy Production Co LP		Bill To		Lab Use Only		TAT		EPA Program					
Project: FLAGLER 8 CTB 1		Attention: Jim Raley		Lab WO# E404038		Job Number 0105B-0001		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Gilbert Moreno		Address: 5315 Buena Vista Dr.		City, State, Zip: Carlsbad, NM, 88220		Analysis and Method		5 day TAT					
Address: 13000 W County Rd 100		Phone: 575-885-7502		Email: jim.raley@dmv.com								RCRA	
City, State, Zip: Odessa, TX, 79765		WO: 21179750		Incident ID: nAPP2106147760									
Phone: 432-305-6414													
mail: Devon-team@etechnv.com													
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
11:20	04.03.24	S	1	BH02	1	0.5'						X		
11:30	04.03.24	S	1	BH02	2	4'						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	Lab Use Only Received on ice: <input checked="" type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
<i>[Signature]</i>	04/04/24	10:30	<i>[Signature]</i>	4-4-24	10:30	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<i>[Signature]</i>	4-4-24	15:47	<i>[Signature]</i>	4-4-24	17:30	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<i>[Signature]</i>	4-4-24	23:30	<i>[Signature]</i>	4/5/24	06:30	

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: 4/5/2024 1:13:14PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	04/05/24 06:30	Work Order ID:	E404038
Phone:	(575) 748-0176	Date Logged In:	04/04/24 16:30	Logged In By:	Angelina Pineda
Email:	Devon-team@etechnv.com	Due Date:	04/11/24 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

Carrier: Courier

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

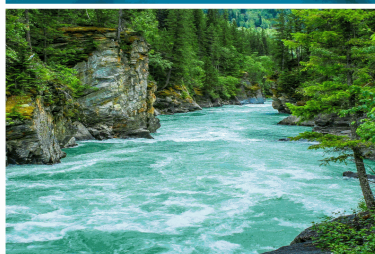
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Gilbert Moreno



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: FLAGLER 8 CTB 1

Work Order: E404073

Job Number: 01058-0007

Received: 4/10/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/15/24

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: 4/15/24

Gilbert Moreno
6488 7 Rivers Hwy
Artesia, NM 88210



Project Name: FLAGLER 8 CTB 1
Workorder: E404073
Date Received: 4/10/2024 10:09:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/10/2024 10:09:00AM, 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:	Gilbert Moreno	04/15/24 11:02

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH02 7'	E404073-01A	Soil	04/08/24	04/10/24	Glass Jar, 2 oz.
BH02 10'	E404073-02A	Soil	04/08/24	04/10/24	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: Gilbert Moreno

Reported:
4/15/2024 11:02:34AM

BH02 7'

E404073-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2415035	
Benzene	ND	0.0250	1	04/10/24	04/11/24	
Ethylbenzene	ND	0.0250	1	04/10/24	04/11/24	
Toluene	ND	0.0250	1	04/10/24	04/11/24	
o-Xylene	ND	0.0250	1	04/10/24	04/11/24	
p,m-Xylene	ND	0.0500	1	04/10/24	04/11/24	
Total Xylenes	ND	0.0250	1	04/10/24	04/11/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	93.9 %	70-130		04/10/24	04/11/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2415035	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/10/24	04/11/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	91.7 %	70-130		04/10/24	04/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2415054	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/24	04/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/24	04/12/24	
<i>Surrogate: n-Nonane</i>	103 %	50-200		04/11/24	04/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF		Batch: 2415042	
Chloride	ND	20.0	1	04/10/24	04/12/24	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: FLAGLER 8 CTB 1 Project Number: 01058-0007 Project Manager: Gilbert Moreno	Reported: 4/15/2024 11:02:34AM
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BH02 10'

E404073-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2415035	
Benzene	ND	0.0250	1	04/10/24	04/11/24	
Ethylbenzene	ND	0.0250	1	04/10/24	04/11/24	
Toluene	ND	0.0250	1	04/10/24	04/11/24	
o-Xylene	ND	0.0250	1	04/10/24	04/11/24	
p,m-Xylene	ND	0.0500	1	04/10/24	04/11/24	
Total Xylenes	ND	0.0250	1	04/10/24	04/11/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.3 %	70-130		04/10/24	04/11/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2415035	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/10/24	04/11/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.4 %	70-130		04/10/24	04/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2415054	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/24	04/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/24	04/12/24	
<i>Surrogate: n-Nonane</i>						
	104 %	50-200		04/11/24	04/12/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: WF		Batch: 2415042	
Chloride	ND	20.0	1	04/10/24	04/12/24	



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:	Gilbert Moreno	4/15/2024 11:02:34AM

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 (2415035-BLK1) Prepared: 04/10/24 Analyzed: 04/11/24

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	7.66		8.00		95.8	70-130			

LCS (2415035-BS1) Prepared: 04/10/24 Analyzed: 04/11/24

Benzene	4.83	0.0250	5.00		96.5	70-130			
Ethylbenzene	4.87	0.0250	5.00		97.4	70-130			
Toluene	4.95	0.0250	5.00		99.1	70-130			
o-Xylene	4.97	0.0250	5.00		99.4	70-130			
p,m-Xylene	9.96	0.0500	10.0		99.6	70-130			
Total Xylenes	14.9	0.0250	15.0		99.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.76		8.00		96.9	70-130			

Matrix Spike (2415035-MS1) Source: E404072-01 Prepared: 04/10/24 Analyzed: 04/11/24

Benzene	4.80	0.0250	5.00	ND	95.9	54-133			
Ethylbenzene	4.80	0.0250	5.00	ND	96.0	61-133			
Toluene	4.90	0.0250	5.00	ND	98.0	61-130			
o-Xylene	4.91	0.0250	5.00	ND	98.3	63-131			
p,m-Xylene	9.79	0.0500	10.0	ND	97.9	63-131			
Total Xylenes	14.7	0.0250	15.0	ND	98.0	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.67		8.00		95.9	70-130			

Matrix Spike Dup (2415035-MSD1) Source: E404072-01 Prepared: 04/10/24 Analyzed: 04/11/24

Benzene	5.11	0.0250	5.00	ND	102	54-133	6.34	20	
Ethylbenzene	5.13	0.0250	5.00	ND	103	61-133	6.57	20	
Toluene	5.23	0.0250	5.00	ND	105	61-130	6.62	20	
o-Xylene	5.25	0.0250	5.00	ND	105	63-131	6.63	20	
p,m-Xylene	10.5	0.0500	10.0	ND	105	63-131	6.70	20	
Total Xylenes	15.7	0.0250	15.0	ND	105	63-131	6.68	20	
Surrogate: 4-Bromochlorobenzene-PID	7.77		8.00		97.1	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:	Gilbert Moreno	4/15/2024 11:02:34AM

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 (2415035-BLK1) Prepared: 04/10/24 Analyzed: 04/11/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.30		8.00		91.2	70-130			

LCS (2415035-BS2) Prepared: 04/10/24 Analyzed: 04/11/24

Gasoline Range Organics (C6-C10)	39.6	20.0	50.0		79.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.36		8.00		92.0	70-130			

Matrix Spike (2415035-MS2) Source: E404072-01 Prepared: 04/10/24 Analyzed: 04/11/24

Gasoline Range Organics (C6-C10)	43.3	20.0	50.0	ND	86.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.9	70-130			

Matrix Spike Dup (2415035-MSD2) Source: E404072-01 Prepared: 04/10/24 Analyzed: 04/11/24

Gasoline Range Organics (C6-C10)	45.4	20.0	50.0	ND	90.9	70-130	4.73	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.8	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:	Gilbert Moreno	4/15/2024 11:02:34AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

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 (2415054-BLK1)					Prepared: 04/11/24 Analyzed: 04/11/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	57.6		50.0		115	50-200			

LCS (2415054-BS1)					Prepared: 04/11/24 Analyzed: 04/11/24				
Diesel Range Organics (C10-C28)	288	25.0	250		115	38-132			
Surrogate: n-Nonane	54.3		50.0		109	50-200			

Matrix Spike (2415054-MS1)					Source: E404069-01		Prepared: 04/11/24 Analyzed: 04/12/24		
Diesel Range Organics (C10-C28)	291	25.0	250	ND	116	38-132			
Surrogate: n-Nonane	52.3		50.0		105	50-200			

Matrix Spike Dup (2415054-MSD1)					Source: E404069-01		Prepared: 04/11/24 Analyzed: 04/12/24		
Diesel Range Organics (C10-C28)	287	25.0	250	ND	115	38-132	1.14	20	
Surrogate: n-Nonane	52.1		50.0		104	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:	Gilbert Moreno	4/15/2024 11:02:34AM

Anions by EPA 300.0/9056A

Analyst: WF

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

Blank (2415042-BLK1)					Prepared: 04/10/24 Analyzed: 04/11/24				
Chloride	ND	20.0							
LCS (2415042-BS1)					Prepared: 04/10/24 Analyzed: 04/11/24				
Chloride	250	20.0	250		100	90-110			
Matrix Spike (2415042-MS1)					Source: E404066-02		Prepared: 04/10/24 Analyzed: 04/11/24		
Chloride	251	20.0	250	ND	101	80-120			
Matrix Spike Dup (2415042-MSD1)					Source: E404066-02		Prepared: 04/10/24 Analyzed: 04/11/24		
Chloride	260	20.0	250	ND	104	80-120	3.44	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:	Gilbert Moreno	04/15/24 11:02

- 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: Gilbert Moreno				Address: 5315 Buena Vista Dr.				E404073		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	BTX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	GDOC TX	State				
Phone: 432-305-6414				Email: jim.raley@dvn.com												NM	CO	UT	AZ	TX
Email: Devon-team@etechenv.com				WO: 21179750																
				Incident ID: nAPP2106147760																
Collected by: Edyte Konan																				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number												Remarks			
10:20	04.08.24	S	1	BH02	1	7'								X						
10:30	04.08.24	S	1	BH02	2	10								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.								
Relinquished by: (Signature)				Date	Time	Received by: (Signature)				Date	Time	Lab Use Only								
Michelle Gonzales				04/09/24	09:00	Michelle Gonzales				4-9-24	0900	Received on ice: Y Y N								
Michelle Gonzales				4-9-24	1622	L.H.				4-9-24	1715	T1 T2 T3								
L.H.				4-9-24	2330	L.H.				4/10/24	1009	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: 4/10/2024 2:07:43PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	04/10/24 10:09	Work Order ID:	E404073
Phone:	(575) 748-0176	Date Logged In:	04/10/24 10:09	Logged In By:	Alexa Michaels
Email:	Devon-team@etechenv.com	Due Date:	04/16/24 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.

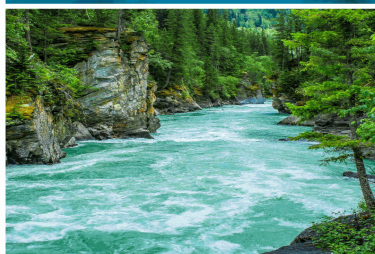
Date



envirotech Inc.

Report to:

Gilbert Moreno



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: FLAGLER 8 CTB 1

Work Order: E404039

Job Number: 01058-0007

Received: 4/5/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/10/24

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: 4/10/24

Gilbert Moreno
6488 7 Rivers Hwy
Artesia, NM 88210



Project Name: FLAGLER 8 CTB 1
Workorder: E404039
Date Received: 4/5/2024 6:30:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/5/2024 6:30:00AM, 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
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mgonzales@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:	Gilbert Moreno	04/10/24 11:44

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH02 9'	E404039-01A	Soil	04/03/24	04/05/24	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported: 4/10/2024 11:44:38AM
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	

BH02 9'
E404039-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2414064
Benzene	ND	0.0250	1	04/04/24	04/08/24	
Ethylbenzene	ND	0.0250	1	04/04/24	04/08/24	
Toluene	ND	0.0250	1	04/04/24	04/08/24	
o-Xylene	ND	0.0250	1	04/04/24	04/08/24	
p,m-Xylene	ND	0.0500	1	04/04/24	04/08/24	
Total Xylenes	ND	0.0250	1	04/04/24	04/08/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.7 %	70-130		04/04/24	04/08/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2414064
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/04/24	04/08/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.0 %	70-130		04/04/24	04/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2414070
Diesel Range Organics (C10-C28)	152	25.0	1	04/05/24	04/09/24	
Oil Range Organics (C28-C36)	93.6	50.0	1	04/05/24	04/09/24	
<i>Surrogate: n-Nonane</i>						
	80.8 %	50-200		04/05/24	04/09/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2414073
Chloride	ND	20.0	1	04/05/24	04/05/24	



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:	Gilbert Moreno	4/10/2024 11:44:38AM

Volatile Organics by EPA 8021B

Analyst: RAS

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 (2414064-BLK1) Prepared: 04/04/24 Analyzed: 04/04/24

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	7.55		8.00		94.4	70-130			

LCS (2414064-BS1) Prepared: 04/04/24 Analyzed: 04/04/24

Benzene	5.17	0.0250	5.00		103	70-130			
Ethylbenzene	5.13	0.0250	5.00		103	70-130			
Toluene	5.13	0.0250	5.00		103	70-130			
o-Xylene	5.07	0.0250	5.00		101	70-130			
p,m-Xylene	10.3	0.0500	10.0		103	70-130			
Total Xylenes	15.4	0.0250	15.0		103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.53		8.00		94.1	70-130			

Matrix Spike (2414064-MS1) Source: E404028-01 Prepared: 04/04/24 Analyzed: 04/04/24

Benzene	5.61	0.0250	5.00	ND	112	54-133			
Ethylbenzene	5.55	0.0250	5.00	ND	111	61-133			
Toluene	5.57	0.0250	5.00	ND	111	61-130			
o-Xylene	5.50	0.0250	5.00	ND	110	63-131			
p,m-Xylene	11.1	0.0500	10.0	ND	111	63-131			
Total Xylenes	16.6	0.0250	15.0	ND	111	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.56		8.00		94.5	70-130			

Matrix Spike Dup (2414064-MSD1) Source: E404028-01 Prepared: 04/04/24 Analyzed: 04/05/24

Benzene	5.50	0.0250	5.00	ND	110	54-133	2.05	20	
Ethylbenzene	5.46	0.0250	5.00	ND	109	61-133	1.57	20	
Toluene	5.47	0.0250	5.00	ND	109	61-130	1.74	20	
o-Xylene	5.42	0.0250	5.00	ND	108	63-131	1.44	20	
p,m-Xylene	11.0	0.0500	10.0	ND	110	63-131	1.54	20	
Total Xylenes	16.4	0.0250	15.0	ND	109	63-131	1.50	20	
Surrogate: 4-Bromochlorobenzene-PID	7.58		8.00		94.7	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:	Gilbert Moreno	4/10/2024 11:44:38AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RAS

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 (2414064-BLK1) Prepared: 04/04/24 Analyzed: 04/04/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.68		8.00		96.0	70-130			

LCS (2414064-BS2) Prepared: 04/04/24 Analyzed: 04/04/24

Gasoline Range Organics (C6-C10)	51.7	20.0	50.0		103	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.76		8.00		96.9	70-130			

Matrix Spike (2414064-MS2) Source: E404028-01 Prepared: 04/04/24 Analyzed: 04/05/24

Gasoline Range Organics (C6-C10)	54.6	20.0	50.0	ND	109	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.76		8.00		97.0	70-130			

Matrix Spike Dup (2414064-MSD2) Source: E404028-01 Prepared: 04/04/24 Analyzed: 04/05/24

Gasoline Range Organics (C6-C10)	50.5	20.0	50.0	ND	101	70-130	7.82	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:	Gilbert Moreno	4/10/2024 11:44:38AM

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 (2414070-BLK1)					Prepared: 04/05/24 Analyzed: 04/08/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	40.4		50.0		80.7	50-200			

LCS (2414070-BS1)					Prepared: 04/05/24 Analyzed: 04/09/24				
Diesel Range Organics (C10-C28)	245	25.0	250		98.0	38-132			
Surrogate: n-Nonane	43.7		50.0		87.4	50-200			

Matrix Spike (2414070-MS1)					Source: E404034-01		Prepared: 04/05/24 Analyzed: 04/09/24		
Diesel Range Organics (C10-C28)	5960	25.0	250	5290	267	38-132			M4
Surrogate: n-Nonane	62.5		50.0		125	50-200			

Matrix Spike Dup (2414070-MSD1)					Source: E404034-01		Prepared: 04/05/24 Analyzed: 04/09/24		
Diesel Range Organics (C10-C28)	5550	25.0	250	5290	106	38-132	7.00	20	
Surrogate: n-Nonane	60.6		50.0		121	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:	Gilbert Moreno	4/10/2024 11:44:38AM

Anions by EPA 300.0/9056A

Analyst: IY

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

Blank (2414073-BLK1)					Prepared: 04/05/24 Analyzed: 04/05/24				
Chloride	ND	20.0							
LCS (2414073-BS1)					Prepared: 04/05/24 Analyzed: 04/05/24				
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2414073-MS1)					Source: E404035-03		Prepared: 04/05/24 Analyzed: 04/05/24		
Chloride	252	20.0	250	ND	101	80-120			
Matrix Spike Dup (2414073-MSD1)					Source: E404035-03		Prepared: 04/05/24 Analyzed: 04/05/24		
Chloride	251	20.0	250	ND	100	80-120	0.410	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:	Gilbert Moreno	04/10/24 11:44

- M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

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

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



[illegible]

Envirotech Analytical Laboratory

Printed: 4/5/2024 1:36:29PM

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
 Phone: (575) 748-0176
 Email: Devon-team@etechnv.com

Date Received: 04/05/24 06:30
 Date Logged In: 04/04/24 16:34
 Due Date: 04/11/24 17:00 (4 day TAT)

Work Order ID: E404039
 Logged In By: Angelina Pineda

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

Carrier: Courier

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

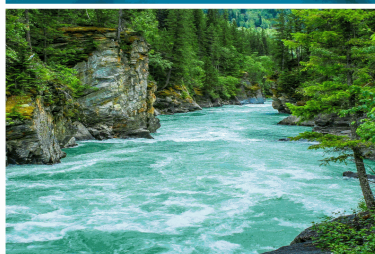
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Gilbert Moreno



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: FLAGLER 8 CTB 1

Work Order: E404040

Job Number: 01058-0007

Received: 4/5/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/11/24

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: 4/11/24



Gilbert Moreno
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: FLAGLER 8 CTB 1
Workorder: E404040
Date Received: 4/5/2024 6:30:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/5/2024 6:30:00AM, 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
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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:	Gilbert Moreno	04/11/24 12:56

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH03 0.5'	E404040-01A	Soil	04/03/24	04/05/24	Glass Jar, 2 oz.
BH03 4'	E404040-02A	Soil	04/03/24	04/05/24	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported: 4/11/2024 12:56:26PM
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	

BH03 0.5'

E404040-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2414064	
Benzene	0.0490	0.0250	1	04/04/24	04/08/24	
Ethylbenzene	3.70	0.0250	1	04/04/24	04/08/24	
Toluene	1.91	0.0250	1	04/04/24	04/08/24	
o-Xylene	9.96	0.0250	1	04/04/24	04/08/24	
p,m-Xylene	11.9	0.0500	1	04/04/24	04/08/24	
Total Xylenes	21.9	0.0250	1	04/04/24	04/08/24	
Surrogate: 4-Bromochlorobenzene-PID		117 %	70-130	04/04/24	04/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2414064	
Gasoline Range Organics (C6-C10)	435	20.0	1	04/04/24	04/08/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		158 %	70-130	04/04/24	04/08/24	S5
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2414070	
Diesel Range Organics (C10-C28)	19500	250	10	04/05/24	04/10/24	
Oil Range Organics (C28-C36)	4930	500	10	04/05/24	04/10/24	
Surrogate: n-Nonane		448 %	50-200	04/05/24	04/10/24	S5
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2414073	
Chloride	31.5	20.0	1	04/05/24	04/05/24	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: FLAGLER 8 CTB 1 Project Number: 01058-0007 Project Manager: Gilbert Moreno	Reported: 4/11/2024 12:56:26PM
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BH03 4'

E404040-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2414064	
Benzene	ND	0.0250	1	04/04/24	04/09/24	
Ethylbenzene	0.0294	0.0250	1	04/04/24	04/09/24	
Toluene	ND	0.0250	1	04/04/24	04/09/24	
o-Xylene	0.108	0.0250	1	04/04/24	04/09/24	
p,m-Xylene	0.178	0.0500	1	04/04/24	04/09/24	
Total Xylenes	0.286	0.0250	1	04/04/24	04/09/24	
Surrogate: 4-Bromochlorobenzene-PID	94.6 %	70-130		04/04/24	04/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2414064	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/04/24	04/09/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	97.6 %	70-130		04/04/24	04/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2414070	
Diesel Range Organics (C10-C28)	645	25.0	1	04/05/24	04/10/24	
Oil Range Organics (C28-C36)	325	50.0	1	04/05/24	04/10/24	
Surrogate: n-Nonane	109 %	50-200		04/05/24	04/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2414073	
Chloride	ND	20.0	1	04/05/24	04/05/24	



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:	Gilbert Moreno	4/11/2024 12:56:26PM

Volatile Organics by EPA 8021B

Analyst: RAS

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

Blank (2414064-BLK1) Prepared: 04/04/24 Analyzed: 04/04/24

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	7.55		8.00		94.4	70-130			

LCS (2414064-BS1) Prepared: 04/04/24 Analyzed: 04/04/24

Benzene	5.17	0.0250	5.00		103	70-130			
Ethylbenzene	5.13	0.0250	5.00		103	70-130			
Toluene	5.13	0.0250	5.00		103	70-130			
o-Xylene	5.07	0.0250	5.00		101	70-130			
p,m-Xylene	10.3	0.0500	10.0		103	70-130			
Total Xylenes	15.4	0.0250	15.0		103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.53		8.00		94.1	70-130			

Matrix Spike (2414064-MS1) Source: E404028-01 Prepared: 04/04/24 Analyzed: 04/04/24

Benzene	5.61	0.0250	5.00	ND	112	54-133			
Ethylbenzene	5.55	0.0250	5.00	ND	111	61-133			
Toluene	5.57	0.0250	5.00	ND	111	61-130			
o-Xylene	5.50	0.0250	5.00	ND	110	63-131			
p,m-Xylene	11.1	0.0500	10.0	ND	111	63-131			
Total Xylenes	16.6	0.0250	15.0	ND	111	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.56		8.00		94.5	70-130			

Matrix Spike Dup (2414064-MSD1) Source: E404028-01 Prepared: 04/04/24 Analyzed: 04/05/24

Benzene	5.50	0.0250	5.00	ND	110	54-133	2.05	20	
Ethylbenzene	5.46	0.0250	5.00	ND	109	61-133	1.57	20	
Toluene	5.47	0.0250	5.00	ND	109	61-130	1.74	20	
o-Xylene	5.42	0.0250	5.00	ND	108	63-131	1.44	20	
p,m-Xylene	11.0	0.0500	10.0	ND	110	63-131	1.54	20	
Total Xylenes	16.4	0.0250	15.0	ND	109	63-131	1.50	20	
Surrogate: 4-Bromochlorobenzene-PID	7.58		8.00		94.7	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:	Gilbert Moreno	4/11/2024 12:56:26PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RAS

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 (2414064-BLK1) Prepared: 04/04/24 Analyzed: 04/04/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.68		8.00		96.0	70-130			

LCS (2414064-BS2) Prepared: 04/04/24 Analyzed: 04/04/24

Gasoline Range Organics (C6-C10)	51.7	20.0	50.0		103	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.76		8.00		96.9	70-130			

Matrix Spike (2414064-MS2) Source: E404028-01 Prepared: 04/04/24 Analyzed: 04/05/24

Gasoline Range Organics (C6-C10)	54.6	20.0	50.0	ND	109	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.76		8.00		97.0	70-130			

Matrix Spike Dup (2414064-MSD2) Source: E404028-01 Prepared: 04/04/24 Analyzed: 04/05/24

Gasoline Range Organics (C6-C10)	50.5	20.0	50.0	ND	101	70-130	7.82	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:	Gilbert Moreno	4/11/2024 12:56:26PM

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 (2414070-BLK1)					Prepared: 04/05/24 Analyzed: 04/08/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	40.4		50.0		80.7	50-200			

LCS (2414070-BS1)					Prepared: 04/05/24 Analyzed: 04/09/24				
Diesel Range Organics (C10-C28)	245	25.0	250		98.0	38-132			
Surrogate: n-Nonane	43.7		50.0		87.4	50-200			

Matrix Spike (2414070-MS1)					Source: E404034-01		Prepared: 04/05/24 Analyzed: 04/09/24		
Diesel Range Organics (C10-C28)	5960	25.0	250	5290	267	38-132			M4
Surrogate: n-Nonane	62.5		50.0		125	50-200			

Matrix Spike Dup (2414070-MSD1)					Source: E404034-01		Prepared: 04/05/24 Analyzed: 04/09/24		
Diesel Range Organics (C10-C28)	5550	25.0	250	5290	106	38-132	7.00	20	
Surrogate: n-Nonane	60.6		50.0		121	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:	Gilbert Moreno	4/11/2024 12:56:26PM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2414073-BLK1)					Prepared: 04/05/24 Analyzed: 04/05/24				
Chloride	ND	20.0							
LCS (2414073-BS1)					Prepared: 04/05/24 Analyzed: 04/05/24				
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2414073-MS1)					Source: E404035-03		Prepared: 04/05/24 Analyzed: 04/05/24		
Chloride	252	20.0	250	ND	101	80-120			
Matrix Spike Dup (2414073-MSD1)					Source: E404035-03		Prepared: 04/05/24 Analyzed: 04/05/24		
Chloride	251	20.0	250	ND	100	80-120	0.410	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:	Gilbert Moreno	04/11/24 12:56

- M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
- S5 Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

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

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



Project Information

Chain of Custody

Client: Devon Energy Production Co LP Project: FLAGLER 8 CTB 1 Project Manager: Gilbert Moreno Address: 13000 W County Rd 100 City, State, Zip: Odessa, TX, 79765 Phone: 432-305-6414 Email: Devon-team@etechnv.com				Bill To		Lab Use Only		TAT			EPA Program																					
				Attention: Jim Raley		Lab WO#	Job Number	1D	2D	3D	Standard	CWA	SDWA																			
				Address: 5315 Buena Vista Dr.		E 404040	01058-007				5 day TAT																					
				City, State, Zip: Carlsbad, NM, 88220		Analysis and Method							RCRA																			
Collected by: Edyte Konan				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																		
				Email: jim.raley@dvn.com										NM	CO	UT	AZ	TX														
				WO: 21179750																												
				Incident ID: nAPP2106147760																												
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number									Remarks																		
11:50	04.03.24	S	1	BH03	1	0.5'								X																		
12:00	04.03.24	S	1	BH03	2	4'								X																		
04/04/2024																																

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 Received on ice: <input checked="" type="radio"/> Y / <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
<i>[Signature]</i>	04/06/2024	10:30	<i>[Signature]</i>	4-4-24	1030	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<i>[Signature]</i>	4-4-24	1547	<i>[Signature]</i>	4-4-24	1730	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<i>[Signature]</i>	4-4-24	2330	<i>[Signature]</i>	4/5/24	0630	

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: 4/5/2024 1:58:09PM

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
Phone: (575) 748-0176
Email: Devon-team@etechnv.com

Date Received: 04/05/24 06:30
Date Logged In: 04/04/24 16:38
Due Date: 04/11/24 17:00 (4 day TAT)

Work Order ID: E404040
Logged In By: Angelina Pineda

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: CourierSample 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 InstructionComments/Resolution

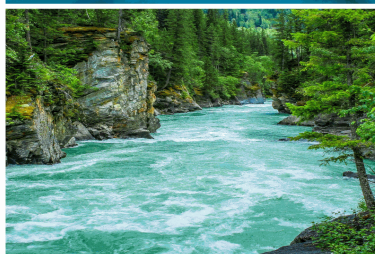
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Gilbert Moreno



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: FLAGLER 8 CTB 1

Work Order: E404072

Job Number: 01058-0007

Received: 4/10/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/16/24

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: 4/16/24

Gilbert Moreno
6488 7 Rivers Hwy
Artesia, NM 88210



Project Name: FLAGLER 8 CTB 1
Workorder: E404072
Date Received: 4/10/2024 10:05:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/10/2024 10:05:00AM, 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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whinchman@envirotech-inc.com

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Field Offices:

Southern New Mexico Area

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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:	Gilbert Moreno	04/16/24 12:02

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH03 7'	E404072-01A	Soil	04/08/24	04/10/24	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: Gilbert Moreno	Reported: 4/16/2024 12:02:07PM
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BH03 7'

E404072-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2415035	
Benzene	ND	0.0250	1	04/10/24	04/11/24	
Ethylbenzene	ND	0.0250	1	04/10/24	04/11/24	
Toluene	ND	0.0250	1	04/10/24	04/11/24	
o-Xylene	ND	0.0250	1	04/10/24	04/11/24	
p,m-Xylene	ND	0.0500	1	04/10/24	04/11/24	
Total Xylenes	ND	0.0250	1	04/10/24	04/11/24	
Surrogate: 4-Bromochlorobenzene-PID	96.8 %	70-130		04/10/24	04/11/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2415035	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/10/24	04/11/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	91.1 %	70-130		04/10/24	04/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2416012	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/15/24	04/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/15/24	04/16/24	
Surrogate: n-Nonane	119 %	50-200		04/15/24	04/16/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF		Batch: 2415042	
Chloride	ND	20.0	1	04/10/24	04/12/24	



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:	Gilbert Moreno	4/16/2024 12:02:07PM

Volatile Organics by EPA 8021B

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 (2415035-BLK1) Prepared: 04/10/24 Analyzed: 04/11/24

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	7.66		8.00		95.8	70-130			

LCS (2415035-BS1) Prepared: 04/10/24 Analyzed: 04/11/24

Benzene	4.83	0.0250	5.00		96.5	70-130			
Ethylbenzene	4.87	0.0250	5.00		97.4	70-130			
Toluene	4.95	0.0250	5.00		99.1	70-130			
o-Xylene	4.97	0.0250	5.00		99.4	70-130			
p,m-Xylene	9.96	0.0500	10.0		99.6	70-130			
Total Xylenes	14.9	0.0250	15.0		99.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.76		8.00		96.9	70-130			

Matrix Spike (2415035-MS1) Source: E404072-01 Prepared: 04/10/24 Analyzed: 04/11/24

Benzene	4.80	0.0250	5.00	ND	95.9	54-133			
Ethylbenzene	4.80	0.0250	5.00	ND	96.0	61-133			
Toluene	4.90	0.0250	5.00	ND	98.0	61-130			
o-Xylene	4.91	0.0250	5.00	ND	98.3	63-131			
p,m-Xylene	9.79	0.0500	10.0	ND	97.9	63-131			
Total Xylenes	14.7	0.0250	15.0	ND	98.0	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.67		8.00		95.9	70-130			

Matrix Spike Dup (2415035-MSD1) Source: E404072-01 Prepared: 04/10/24 Analyzed: 04/11/24

Benzene	5.11	0.0250	5.00	ND	102	54-133	6.34	20	
Ethylbenzene	5.13	0.0250	5.00	ND	103	61-133	6.57	20	
Toluene	5.23	0.0250	5.00	ND	105	61-130	6.62	20	
o-Xylene	5.25	0.0250	5.00	ND	105	63-131	6.63	20	
p,m-Xylene	10.5	0.0500	10.0	ND	105	63-131	6.70	20	
Total Xylenes	15.7	0.0250	15.0	ND	105	63-131	6.68	20	
Surrogate: 4-Bromochlorobenzene-PID	7.77		8.00		97.1	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:	Gilbert Moreno	4/16/2024 12:02:07PM

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 (2415035-BLK1) Prepared: 04/10/24 Analyzed: 04/11/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.30		8.00		91.2	70-130			

LCS (2415035-BS2) Prepared: 04/10/24 Analyzed: 04/11/24

Gasoline Range Organics (C6-C10)	39.6	20.0	50.0		79.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.36		8.00		92.0	70-130			

Matrix Spike (2415035-MS2) Source: E404072-01 Prepared: 04/10/24 Analyzed: 04/11/24

Gasoline Range Organics (C6-C10)	43.3	20.0	50.0	ND	86.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.9	70-130			

Matrix Spike Dup (2415035-MSD2) Source: E404072-01 Prepared: 04/10/24 Analyzed: 04/11/24

Gasoline Range Organics (C6-C10)	45.4	20.0	50.0	ND	90.9	70-130	4.73	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.8	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:	Gilbert Moreno	4/16/2024 12:02:07PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

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 (2416012-BLK1) Prepared: 04/15/24 Analyzed: 04/15/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	59.2		50.0		118	50-200			

LCS (2416012-BS1) Prepared: 04/15/24 Analyzed: 04/16/24

Diesel Range Organics (C10-C28)	307	25.0	250		123	38-132			
Surrogate: n-Nonane	57.2		50.0		114	50-200			

Matrix Spike (2416012-MS1) Source: E404074-02 Prepared: 04/15/24 Analyzed: 04/16/24

Diesel Range Organics (C10-C28)	308	25.0	250	ND	123	38-132			
Surrogate: n-Nonane	59.0		50.0		118	50-200			

Matrix Spike Dup (2416012-MSD1) Source: E404074-02 Prepared: 04/15/24 Analyzed: 04/16/24

Diesel Range Organics (C10-C28)	311	25.0	250	ND	124	38-132	1.20	20	
Surrogate: n-Nonane	58.7		50.0		117	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:	Gilbert Moreno	4/16/2024 12:02:07PM

Anions by EPA 300.0/9056A

Analyst: WF

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

Blank (2415042-BLK1)					Prepared: 04/10/24 Analyzed: 04/11/24				
Chloride	ND	20.0							
LCS (2415042-BS1)					Prepared: 04/10/24 Analyzed: 04/11/24				
Chloride	250	20.0	250		100	90-110			
Matrix Spike (2415042-MS1)					Source: E404066-02		Prepared: 04/10/24 Analyzed: 04/11/24		
Chloride	251	20.0	250	ND	101	80-120			
Matrix Spike Dup (2415042-MSD1)					Source: E404066-02		Prepared: 04/10/24 Analyzed: 04/11/24		
Chloride	260	20.0	250	ND	104	80-120	3.44	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:	Gilbert Moreno	04/16/24 12:02

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



[illegible]

envirotech

Envirotech Analytical Laboratory

Printed: 4/10/2024 2:04:55PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	04/10/24 10:05	Work Order ID:	E404072
Phone:	(575) 748-0176	Date Logged In:	04/10/24 10:05	Logged In By:	Alexa Michaels
Email:	Devon-team@etechenv.com	Due Date:	04/16/24 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: Courier**Comments/Resolution****Sample Turn Around Time (TAT)**

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

Sample Cooler

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

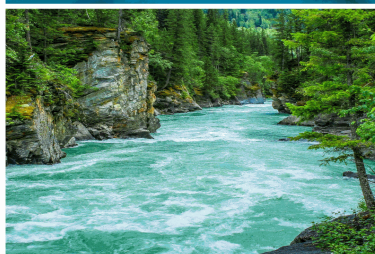
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Gilbert Moreno



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: FLAGLER 8 CTB 1

Work Order: E404071

Job Number: 01058-0007

Received: 4/10/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/15/24

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: 4/15/24



Gilbert Moreno
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: FLAGLER 8 CTB 1
Workorder: E404071
Date Received: 4/10/2024 10:00:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/10/2024 10:00:00AM, 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,

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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:	Gilbert Moreno	04/15/24 11:11

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH04 0.5'	E404071-01A	Soil	04/08/24	04/10/24	Glass Jar, 2 oz.
BH04 1'	E404071-02A	Soil	04/08/24	04/10/24	Glass Jar, 2 oz.
BH04 4'	E404071-03A	Soil	04/08/24	04/10/24	Glass Jar, 2 oz.
BH04 10'	E404071-04A	Soil	04/08/24	04/10/24	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: Gilbert Moreno

Reported:
4/15/2024 11:11:36AM

BH04 0.5'

E404071-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2415035	
Benzene	ND	0.0250	1	04/10/24	04/11/24	
Ethylbenzene	ND	0.0250	1	04/10/24	04/11/24	
Toluene	ND	0.0250	1	04/10/24	04/11/24	
o-Xylene	ND	0.0250	1	04/10/24	04/11/24	
p,m-Xylene	ND	0.0500	1	04/10/24	04/11/24	
Total Xylenes	ND	0.0250	1	04/10/24	04/11/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	92.9 %	70-130		04/10/24	04/11/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2415035	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/10/24	04/11/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	92.1 %	70-130		04/10/24	04/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2415054	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/24	04/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/24	04/12/24	
<i>Surrogate: n-Nonane</i>	100 %	50-200		04/11/24	04/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2415043	
Chloride	33.3	20.0	1	04/10/24	04/11/24	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: FLAGLER 8 CTB 1 Project Number: 01058-0007 Project Manager: Gilbert Moreno	Reported: 4/15/2024 11:11:36AM
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BH04 1'

E404071-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2415035	
Benzene	ND	0.0250	1	04/10/24	04/11/24	
Ethylbenzene	ND	0.0250	1	04/10/24	04/11/24	
Toluene	ND	0.0250	1	04/10/24	04/11/24	
o-Xylene	ND	0.0250	1	04/10/24	04/11/24	
p,m-Xylene	ND	0.0500	1	04/10/24	04/11/24	
Total Xylenes	ND	0.0250	1	04/10/24	04/11/24	
Surrogate: 4-Bromochlorobenzene-PID	92.1 %	70-130		04/10/24	04/11/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2415035	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/10/24	04/11/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	91.6 %	70-130		04/10/24	04/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2415054	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/24	04/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/24	04/12/24	
Surrogate: n-Nonane	106 %	50-200		04/11/24	04/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2415043	
Chloride	23.3	20.0	1	04/10/24	04/11/24	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: FLAGLER 8 CTB 1 Project Number: 01058-0007 Project Manager: Gilbert Moreno	Reported: 4/15/2024 11:11:36AM
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BH04 4'

E404071-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2415035	
Benzene	ND	0.0250	1	04/10/24	04/11/24	
Ethylbenzene	ND	0.0250	1	04/10/24	04/11/24	
Toluene	ND	0.0250	1	04/10/24	04/11/24	
o-Xylene	ND	0.0250	1	04/10/24	04/11/24	
p,m-Xylene	ND	0.0500	1	04/10/24	04/11/24	
Total Xylenes	ND	0.0250	1	04/10/24	04/11/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.3 %	70-130		04/10/24	04/11/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2415035	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/10/24	04/11/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.3 %	70-130		04/10/24	04/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2415054	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/24	04/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/24	04/12/24	
<i>Surrogate: n-Nonane</i>						
	99.2 %	50-200		04/11/24	04/12/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2415043	
Chloride	ND	20.0	1	04/10/24	04/11/24	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: FLAGLER 8 CTB 1 Project Number: 01058-0007 Project Manager: Gilbert Moreno	Reported: 4/15/2024 11:11:36AM
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BH04 10'

E404071-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2415035	
Benzene	ND	0.0250	1	04/10/24	04/11/24	
Ethylbenzene	ND	0.0250	1	04/10/24	04/11/24	
Toluene	ND	0.0250	1	04/10/24	04/11/24	
o-Xylene	ND	0.0250	1	04/10/24	04/11/24	
p,m-Xylene	ND	0.0500	1	04/10/24	04/11/24	
Total Xylenes	ND	0.0250	1	04/10/24	04/11/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.2 %	70-130		04/10/24	04/11/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2415035	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/10/24	04/11/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.3 %	70-130		04/10/24	04/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2415054	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/24	04/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/24	04/12/24	
<i>Surrogate: n-Nonane</i>						
	100 %	50-200		04/11/24	04/12/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2415043	
Chloride	ND	20.0	1	04/10/24	04/11/24	



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:	Gilbert Moreno	4/15/2024 11:11:36AM

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 (2415035-BLK1)Prepared: 04/10/24 Analyzed: 04/11/24

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-PID7.668.0095.870-130

LCS (2415035-BS1)Prepared: 04/10/24 Analyzed: 04/11/24

Benzene	4.83	0.0250	5.00		96.5	70-130			
Ethylbenzene	4.87	0.0250	5.00		97.4	70-130			
Toluene	4.95	0.0250	5.00		99.1	70-130			
o-Xylene	4.97	0.0250	5.00		99.4	70-130			
p,m-Xylene	9.96	0.0500	10.0		99.6	70-130			
Total Xylenes	14.9	0.0250	15.0		99.5	70-130			

Surrogate: 4-Bromochlorobenzene-PID7.768.0096.970-130

Matrix Spike (2415035-MS1)Source: E404072-01Prepared: 04/10/24 Analyzed: 04/11/24

Benzene	4.80	0.0250	5.00	ND	95.9	54-133			
Ethylbenzene	4.80	0.0250	5.00	ND	96.0	61-133			
Toluene	4.90	0.0250	5.00	ND	98.0	61-130			
o-Xylene	4.91	0.0250	5.00	ND	98.3	63-131			
p,m-Xylene	9.79	0.0500	10.0	ND	97.9	63-131			
Total Xylenes	14.7	0.0250	15.0	ND	98.0	63-131			

Surrogate: 4-Bromochlorobenzene-PID7.678.0095.970-130

Matrix Spike Dup (2415035-MSD1)Source: E404072-01Prepared: 04/10/24 Analyzed: 04/11/24

Benzene	5.11	0.0250	5.00	ND	102	54-133	6.34	20	
Ethylbenzene	5.13	0.0250	5.00	ND	103	61-133	6.57	20	
Toluene	5.23	0.0250	5.00	ND	105	61-130	6.62	20	
o-Xylene	5.25	0.0250	5.00	ND	105	63-131	6.63	20	
p,m-Xylene	10.5	0.0500	10.0	ND	105	63-131	6.70	20	
Total Xylenes	15.7	0.0250	15.0	ND	105	63-131	6.68	20	

Surrogate: 4-Bromochlorobenzene-PID7.778.0097.170-130



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:	Gilbert Moreno	4/15/2024 11:11:36AM

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 (2415035-BLK1) Prepared: 04/10/24 Analyzed: 04/11/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.30		8.00		91.2	70-130			

LCS (2415035-BS2) Prepared: 04/10/24 Analyzed: 04/11/24

Gasoline Range Organics (C6-C10)	39.6	20.0	50.0		79.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.36		8.00		92.0	70-130			

Matrix Spike (2415035-MS2) Source: E404072-01 Prepared: 04/10/24 Analyzed: 04/11/24

Gasoline Range Organics (C6-C10)	43.3	20.0	50.0	ND	86.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.9	70-130			

Matrix Spike Dup (2415035-MSD2) Source: E404072-01 Prepared: 04/10/24 Analyzed: 04/11/24

Gasoline Range Organics (C6-C10)	45.4	20.0	50.0	ND	90.9	70-130	4.73	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.8	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:	Gilbert Moreno	4/15/2024 11:11:36AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

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 (2415054-BLK1)					Prepared: 04/11/24 Analyzed: 04/11/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	57.6		50.0		115	50-200			

LCS (2415054-BS1)					Prepared: 04/11/24 Analyzed: 04/11/24				
Diesel Range Organics (C10-C28)	288	25.0	250		115	38-132			
Surrogate: n-Nonane	54.3		50.0		109	50-200			

Matrix Spike (2415054-MS1)					Source: E404069-01		Prepared: 04/11/24 Analyzed: 04/12/24		
Diesel Range Organics (C10-C28)	291	25.0	250	ND	116	38-132			
Surrogate: n-Nonane	52.3		50.0		105	50-200			

Matrix Spike Dup (2415054-MSD1)					Source: E404069-01		Prepared: 04/11/24 Analyzed: 04/12/24		
Diesel Range Organics (C10-C28)	287	25.0	250	ND	115	38-132	1.14	20	
Surrogate: n-Nonane	52.1		50.0		104	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:	Gilbert Moreno	4/15/2024 11:11:36AM

Anions by EPA 300.0/9056A

Analyst: IY

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

Blank (2415043-BLK1)					Prepared: 04/10/24 Analyzed: 04/10/24				
Chloride	ND	20.0							
LCS (2415043-BS1)					Prepared: 04/10/24 Analyzed: 04/10/24				
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2415043-MS1)					Source: E404080-02		Prepared: 04/10/24 Analyzed: 04/10/24		
Chloride	326	20.0	250	72.9	101	80-120			
Matrix Spike Dup (2415043-MSD1)					Source: E404080-02		Prepared: 04/10/24 Analyzed: 04/10/24		
Chloride	305	20.0	250	72.9	92.8	80-120	6.59	20	

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



Definitions and Notes

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Gilbert Moreno	04/15/24 11:11

- 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.



Client: Devon Energy Production Co LP				Bill To						Lab Use Only								TAT				EPA Program			
Project: FLAGLER 8 CTB 1				Attention: Jim Raley Address: 5315 Buena Vista Dr. City, State, Zip: Carlsbad, NM, 88220 Phone: 575-885-7502 Email: jim.raley@dvn.com WO: 21179750 Incident ID: nAPP2106147760						Lab WO# E 404071		Job Number 010580007		1D	2D	3D	Standard 5 day TAT	CWA	SDWA						
Project Manager: Gilbert Moreno																									
Address: 13000 W County Rd 100														Analysis and Method								RCRA			
City, State, Zip_ Odessa,TX, 79765																				State					
Phone: 432-305-6414																				NM	CO	UT	AZ	TX	
mail: Devon-team@etechnv.com														X											
Collected by: Edyte Konan																Remarks									
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												
10:50	04.08.24	S	1	BH04	1	0.5'						X													
11:00	04.08.24	S	1	BH04	2	1'						X													
11:10	04.08.24	S	1	BH04	3	4'						X													
11:20	04.08.24	S	1	BH04	4	10'						X													
04/09/24																									
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.											
Relinquished by: (Signature)				Date	Time	Received by: (Signature)				Date	Time	Lab Use Only													
Michelle Gonzalez				09:00	04/09/24	Michelle Gonzalez				4-9-24	0900	Received on ice: Y / N													
Michelle Gonzalez				4-9-24	1622	J.A.				4-9-24	1715	T1 T2 T3													
J.A.				4-9-24	2330	Ally				4/10/24	1000	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

Envirotech Analytical Laboratory

Printed: 4/10/2024 2:02:41PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	04/10/24 10:00	Work Order ID:	E404071
Phone:	(575) 748-0176	Date Logged In:	04/10/24 10:00	Logged In By:	Alexa Michaels
Email:	Devon-team@etechenv.com	Due Date:	04/16/24 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:
Gilbert Moreno



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: FLAGLER 8 CTB 1

Work Order: E404070

Job Number: 01058-0007

Received: 4/10/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/15/24

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: 4/15/24



Gilbert Moreno
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: FLAGLER 8 CTB 1
Workorder: E404070
Date Received: 4/10/2024 9:54:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/10/2024 9:54:00AM, 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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Cell: 775-287-1762
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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	04/15/24 11:15

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH05 0.5'	E404070-01A	Soil	04/08/24	04/10/24	Glass Jar, 2 oz.
BH05 1'	E404070-02A	Soil	04/08/24	04/10/24	Glass Jar, 2 oz.
BH05 4'	E404070-03A	Soil	04/08/24	04/10/24	Glass Jar, 2 oz.
BH05 10'	E404070-04A	Soil	04/08/24	04/10/24	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: Gilbert Moreno

Reported:
4/15/2024 11:15:35AM

BH05 0.5'

E404070-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2415035	
Benzene	ND	0.0250	1	04/10/24	04/11/24	
Ethylbenzene	ND	0.0250	1	04/10/24	04/11/24	
Toluene	ND	0.0250	1	04/10/24	04/11/24	
o-Xylene	ND	0.0250	1	04/10/24	04/11/24	
p,m-Xylene	ND	0.0500	1	04/10/24	04/11/24	
Total Xylenes	ND	0.0250	1	04/10/24	04/11/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	94.9 %	70-130		04/10/24	04/11/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2415035	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/10/24	04/11/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	91.9 %	70-130		04/10/24	04/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2415054	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/24	04/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/24	04/12/24	
<i>Surrogate: n-Nonane</i>	103 %	50-200		04/11/24	04/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF		Batch: 2415042	
Chloride	ND	20.0	1	04/10/24	04/11/24	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: FLAGLER 8 CTB 1 Project Number: 01058-0007 Project Manager: Gilbert Moreno	Reported: 4/15/2024 11:15:35AM
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BH05 1'

E404070-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2415035	
Benzene	ND	0.0250	1	04/10/24	04/11/24	
Ethylbenzene	ND	0.0250	1	04/10/24	04/11/24	
Toluene	ND	0.0250	1	04/10/24	04/11/24	
o-Xylene	ND	0.0250	1	04/10/24	04/11/24	
p,m-Xylene	ND	0.0500	1	04/10/24	04/11/24	
Total Xylenes	ND	0.0250	1	04/10/24	04/11/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.6 %	70-130		04/10/24	04/11/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2415035	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/10/24	04/11/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.2 %	70-130		04/10/24	04/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2415054	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/24	04/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/24	04/12/24	
<i>Surrogate: n-Nonane</i>						
	103 %	50-200		04/11/24	04/12/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: WF		Batch: 2415042	
Chloride	ND	20.0	1	04/10/24	04/11/24	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: FLAGLER 8 CTB 1 Project Number: 01058-0007 Project Manager: Gilbert Moreno	Reported: 4/15/2024 11:15:35AM
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BH05 4'

E404070-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2415035	
Benzene	ND	0.0250	1	04/10/24	04/11/24	
Ethylbenzene	ND	0.0250	1	04/10/24	04/11/24	
Toluene	ND	0.0250	1	04/10/24	04/11/24	
o-Xylene	ND	0.0250	1	04/10/24	04/11/24	
p,m-Xylene	ND	0.0500	1	04/10/24	04/11/24	
Total Xylenes	ND	0.0250	1	04/10/24	04/11/24	
Surrogate: 4-Bromochlorobenzene-PID	92.3 %	70-130		04/10/24	04/11/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2415035	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/10/24	04/11/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	91.6 %	70-130		04/10/24	04/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2415054	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/24	04/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/24	04/12/24	
Surrogate: n-Nonane	98.3 %	50-200		04/11/24	04/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF		Batch: 2415042	
Chloride	ND	20.0	1	04/10/24	04/11/24	



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Gilbert Moreno

Reported:
4/15/2024 11:15:35AM

BH05 10'

E404070-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2415035
Benzene	ND	0.0250	1	04/10/24	04/11/24	
Ethylbenzene	ND	0.0250	1	04/10/24	04/11/24	
Toluene	ND	0.0250	1	04/10/24	04/11/24	
o-Xylene	ND	0.0250	1	04/10/24	04/11/24	
p,m-Xylene	ND	0.0500	1	04/10/24	04/11/24	
Total Xylenes	ND	0.0250	1	04/10/24	04/11/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.5 %	70-130		04/10/24	04/11/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2415035
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/10/24	04/11/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.4 %	70-130		04/10/24	04/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2415054
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/24	04/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/24	04/12/24	
<i>Surrogate: n-Nonane</i>						
	104 %	50-200		04/11/24	04/12/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2415042
Chloride	20.4	20.0	1	04/10/24	04/11/24	



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:	Gilbert Moreno	4/15/2024 11:15:35AM

Volatile Organics by EPA 8021B

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 (2415035-BLK1)Prepared: 04/10/24 Analyzed: 04/11/24

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	7.66		8.00		95.8	70-130			

LCS (2415035-BS1)Prepared: 04/10/24 Analyzed: 04/11/24

Benzene	4.83	0.0250	5.00		96.5	70-130			
Ethylbenzene	4.87	0.0250	5.00		97.4	70-130			
Toluene	4.95	0.0250	5.00		99.1	70-130			
o-Xylene	4.97	0.0250	5.00		99.4	70-130			
p,m-Xylene	9.96	0.0500	10.0		99.6	70-130			
Total Xylenes	14.9	0.0250	15.0		99.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.76		8.00		96.9	70-130			

Matrix Spike (2415035-MS1)Source: E404072-01Prepared: 04/10/24 Analyzed: 04/11/24

Benzene	4.80	0.0250	5.00	ND	95.9	54-133			
Ethylbenzene	4.80	0.0250	5.00	ND	96.0	61-133			
Toluene	4.90	0.0250	5.00	ND	98.0	61-130			
o-Xylene	4.91	0.0250	5.00	ND	98.3	63-131			
p,m-Xylene	9.79	0.0500	10.0	ND	97.9	63-131			
Total Xylenes	14.7	0.0250	15.0	ND	98.0	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.67		8.00		95.9	70-130			

Matrix Spike Dup (2415035-MSD1)Source: E404072-01Prepared: 04/10/24 Analyzed: 04/11/24

Benzene	5.11	0.0250	5.00	ND	102	54-133	6.34	20	
Ethylbenzene	5.13	0.0250	5.00	ND	103	61-133	6.57	20	
Toluene	5.23	0.0250	5.00	ND	105	61-130	6.62	20	
o-Xylene	5.25	0.0250	5.00	ND	105	63-131	6.63	20	
p,m-Xylene	10.5	0.0500	10.0	ND	105	63-131	6.70	20	
Total Xylenes	15.7	0.0250	15.0	ND	105	63-131	6.68	20	
Surrogate: 4-Bromochlorobenzene-PID	7.77		8.00		97.1	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:	Gilbert Moreno	4/15/2024 11:15:35AM

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 (2415035-BLK1) Prepared: 04/10/24 Analyzed: 04/11/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.30		8.00		91.2	70-130			

LCS (2415035-BS2) Prepared: 04/10/24 Analyzed: 04/11/24

Gasoline Range Organics (C6-C10)	39.6	20.0	50.0		79.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.36		8.00		92.0	70-130			

Matrix Spike (2415035-MS2) Source: E404072-01 Prepared: 04/10/24 Analyzed: 04/11/24

Gasoline Range Organics (C6-C10)	43.3	20.0	50.0	ND	86.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.9	70-130			

Matrix Spike Dup (2415035-MSD2) Source: E404072-01 Prepared: 04/10/24 Analyzed: 04/11/24

Gasoline Range Organics (C6-C10)	45.4	20.0	50.0	ND	90.9	70-130	4.73	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.8	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:	Gilbert Moreno	4/15/2024 11:15:35AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

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 (2415054-BLK1)					Prepared: 04/11/24 Analyzed: 04/11/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	57.6		50.0		115	50-200			

LCS (2415054-BS1)					Prepared: 04/11/24 Analyzed: 04/11/24				
Diesel Range Organics (C10-C28)	288	25.0	250		115	38-132			
Surrogate: n-Nonane	54.3		50.0		109	50-200			

Matrix Spike (2415054-MS1)					Source: E404069-01		Prepared: 04/11/24 Analyzed: 04/12/24		
Diesel Range Organics (C10-C28)	291	25.0	250	ND	116	38-132			
Surrogate: n-Nonane	52.3		50.0		105	50-200			

Matrix Spike Dup (2415054-MSD1)					Source: E404069-01		Prepared: 04/11/24 Analyzed: 04/12/24		
Diesel Range Organics (C10-C28)	287	25.0	250	ND	115	38-132	1.14	20	
Surrogate: n-Nonane	52.1		50.0		104	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:	Gilbert Moreno	4/15/2024 11:15:35AM

Anions by EPA 300.0/9056A

Analyst: WF

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

Blank (2415042-BLK1)					Prepared: 04/10/24 Analyzed: 04/11/24				
Chloride	ND	20.0							
LCS (2415042-BS1)					Prepared: 04/10/24 Analyzed: 04/11/24				
Chloride	250	20.0	250		100	90-110			
Matrix Spike (2415042-MS1)					Source: E404066-02		Prepared: 04/10/24 Analyzed: 04/11/24		
Chloride	251	20.0	250	ND	101	80-120			
Matrix Spike Dup (2415042-MSD1)					Source: E404066-02		Prepared: 04/10/24 Analyzed: 04/11/24		
Chloride	260	20.0	250	ND	104	80-120	3.44	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:	Gilbert Moreno	04/15/24 11:15

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

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

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



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: Gilbert Moreno				Address: 5315 Buena Vista Dr.		E 404070		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	BTX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	GDOC TX	State				
Phone: 432-305-6414				Email: jim.raley@devn.com										NM	CO	UT	AZ	TX
Email: Devon-team@etechnv.com				WO: 21179750														
Incident ID: nAPP2106147760																		
Collected by: Edyte Konan																Remarks		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number													
11:30	04.08.24	S	1	BH05	1	0.5'							X					
11:40	04.08.24	S	1	BH05	2	1'							X					
11:50	04.08.24	S	1	BH05	3	4'							X					
12:00	04.08.24	S	1	BH05	4	10'							X					
Signature 04/09/24																		
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		04/09/24	09:00	Michelle Gonzales		4-9-24	0900	Received on ice: Y N										
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 T2 T3										
Michelle Gonzales		4-9-24	1622	J.M.		4-9-24	1715											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	AVG Temp °C										
A.M.		4-9-24	2330	Alejandra		4/10/24	954	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: 4/10/2024 2:00:27PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	04/10/24 09:54	Work Order ID:	E404070
Phone:	(575) 748-0176	Date Logged In:	04/10/24 09:56	Logged In By:	Alexa Michaels
Email:	Devon-team@etechenv.com	Due Date:	04/16/24 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

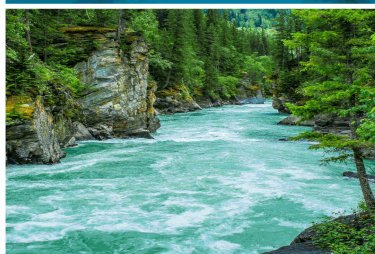
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Gilbert Moreno



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: FLAGLER 8 CTB 1

Work Order: E404069

Job Number: 01058-0007

Received: 4/10/2024

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/16/24

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: 4/16/24

Gilbert Moreno
6488 7 Rivers Hwy
Artesia, NM 88210



Project Name: FLAGLER 8 CTB 1
Workorder: E404069
Date Received: 4/10/2024 9:50:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/10/2024 9:50:00AM, 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
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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:	Gilbert Moreno	04/16/24 15:35

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH06 0.5'	E404069-01A	Soil	04/08/24	04/10/24	Glass Jar, 2 oz.
BH06 1'	E404069-02A	Soil	04/08/24	04/10/24	Glass Jar, 2 oz.
BH06 4'	E404069-03A	Soil	04/08/24	04/10/24	Glass Jar, 2 oz.
BH06 10'	E404069-04A	Soil	04/08/24	04/10/24	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: Gilbert Moreno

Reported:
4/16/2024 3:35:35PM

BH06 0.5'

E404069-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2415034
Benzene	ND	0.0250	1	04/10/24	04/12/24	
Ethylbenzene	ND	0.0250	1	04/10/24	04/12/24	
Toluene	ND	0.0250	1	04/10/24	04/12/24	
o-Xylene	ND	0.0250	1	04/10/24	04/12/24	
p,m-Xylene	ND	0.0500	1	04/10/24	04/12/24	
Total Xylenes	ND	0.0250	1	04/10/24	04/12/24	
Surrogate: Bromofluorobenzene		106 %	70-130	04/10/24	04/12/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	04/10/24	04/12/24	
Surrogate: Toluene-d8		98.8 %	70-130	04/10/24	04/12/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2415034
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/10/24	04/12/24	
Surrogate: Bromofluorobenzene		106 %	70-130	04/10/24	04/12/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	04/10/24	04/12/24	
Surrogate: Toluene-d8		98.8 %	70-130	04/10/24	04/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2415054
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/24	04/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/24	04/12/24	
Surrogate: n-Nonane		103 %	50-200	04/11/24	04/12/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2415042
Chloride	ND	20.0	1	04/10/24	04/11/24	



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Gilbert Moreno

Reported:
4/16/2024 3:35:35PM

BH06 1'

E404069-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2415034
Benzene	ND	0.0250	1	04/10/24	04/12/24	
Ethylbenzene	ND	0.0250	1	04/10/24	04/12/24	
Toluene	ND	0.0250	1	04/10/24	04/12/24	
o-Xylene	ND	0.0250	1	04/10/24	04/12/24	
p,m-Xylene	ND	0.0500	1	04/10/24	04/12/24	
Total Xylenes	ND	0.0250	1	04/10/24	04/12/24	
Surrogate: Bromofluorobenzene		107 %	70-130	04/10/24	04/12/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	04/10/24	04/12/24	
Surrogate: Toluene-d8		103 %	70-130	04/10/24	04/12/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2415034
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/10/24	04/12/24	
Surrogate: Bromofluorobenzene		107 %	70-130	04/10/24	04/12/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	04/10/24	04/12/24	
Surrogate: Toluene-d8		103 %	70-130	04/10/24	04/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2415054
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/24	04/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/24	04/12/24	
Surrogate: n-Nonane		101 %	50-200	04/11/24	04/12/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2415042
Chloride	ND	20.0	1	04/10/24	04/11/24	



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Gilbert Moreno

Reported:
4/16/2024 3:35:35PM

BH06 4'

E404069-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2415034
Benzene	ND	0.0250	1	04/10/24	04/12/24	
Ethylbenzene	ND	0.0250	1	04/10/24	04/12/24	
Toluene	ND	0.0250	1	04/10/24	04/12/24	
o-Xylene	ND	0.0250	1	04/10/24	04/12/24	
p,m-Xylene	ND	0.0500	1	04/10/24	04/12/24	
Total Xylenes	ND	0.0250	1	04/10/24	04/12/24	
Surrogate: Bromofluorobenzene		135 %	70-130	04/10/24	04/12/24	S3
Surrogate: 1,2-Dichloroethane-d4		99.8 %	70-130	04/10/24	04/12/24	
Surrogate: Toluene-d8		104 %	70-130	04/10/24	04/12/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2415034
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/10/24	04/12/24	
Surrogate: Bromofluorobenzene		135 %	70-130	04/10/24	04/12/24	S3
Surrogate: 1,2-Dichloroethane-d4		99.8 %	70-130	04/10/24	04/12/24	
Surrogate: Toluene-d8		104 %	70-130	04/10/24	04/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2415054
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/24	04/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/24	04/12/24	
Surrogate: n-Nonane		98.7 %	50-200	04/11/24	04/12/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2415042
Chloride	ND	20.0	1	04/10/24	04/11/24	



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Gilbert Moreno

Reported:
4/16/2024 3:35:35PM

BH06 10'

E404069-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2415034
Benzene	ND	0.0250	1	04/10/24	04/12/24	
Ethylbenzene	ND	0.0250	1	04/10/24	04/12/24	
Toluene	ND	0.0250	1	04/10/24	04/12/24	
o-Xylene	ND	0.0250	1	04/10/24	04/12/24	
p,m-Xylene	ND	0.0500	1	04/10/24	04/12/24	
Total Xylenes	ND	0.0250	1	04/10/24	04/12/24	
Surrogate: Bromofluorobenzene		107 %	70-130	04/10/24	04/12/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	04/10/24	04/12/24	
Surrogate: Toluene-d8		103 %	70-130	04/10/24	04/12/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2415034
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/10/24	04/12/24	
Surrogate: Bromofluorobenzene		107 %	70-130	04/10/24	04/12/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	04/10/24	04/12/24	
Surrogate: Toluene-d8		103 %	70-130	04/10/24	04/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2415054
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/24	04/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/24	04/12/24	
Surrogate: n-Nonane		104 %	50-200	04/11/24	04/12/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2415042
Chloride	ND	20.0	1	04/10/24	04/11/24	



Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/16/2024 3:35:35PM

Volatile Organic Compounds by EPA 8260B

Analyst: RAS

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

Blank (2415034-BLK1)

Prepared: 04/10/24 Analyzed: 04/12/24

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	0.521		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.8	70-130			
Surrogate: Toluene-d8	0.491		0.500		98.2	70-130			

LCS (2415034-BS1)

Prepared: 04/10/24 Analyzed: 04/12/24

Benzene	2.51	0.0250	2.50		100	70-130			
Ethylbenzene	2.46	0.0250	2.50		98.4	70-130			
Toluene	2.36	0.0250	2.50		94.5	70-130			
o-Xylene	2.52	0.0250	2.50		101	70-130			
p,m-Xylene	4.96	0.0500	5.00		99.2	70-130			
Total Xylenes	7.48	0.0250	7.50		99.7	70-130			
Surrogate: Bromofluorobenzene	0.532		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.6	70-130			
Surrogate: Toluene-d8	0.501		0.500		100	70-130			

Matrix Spike (2415034-MS1)

Source: E404067-03 Prepared: 04/10/24 Analyzed: 04/12/24

Benzene	2.50	0.0250	2.50	ND	99.9	48-131			
Ethylbenzene	2.43	0.0250	2.50	ND	97.2	45-135			
Toluene	2.34	0.0250	2.50	ND	93.7	48-130			
o-Xylene	2.36	0.0250	2.50	ND	94.4	43-135			
p,m-Xylene	4.72	0.0500	5.00	ND	94.3	43-135			
Total Xylenes	7.07	0.0250	7.50	ND	94.3	43-135			
Surrogate: Bromofluorobenzene	0.504		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.6	70-130			
Surrogate: Toluene-d8	0.508		0.500		102	70-130			

Matrix Spike Dup (2415034-MSD1)

Source: E404067-03 Prepared: 04/10/24 Analyzed: 04/12/24

Benzene	2.26	0.0250	2.50	ND	90.3	48-131	10.1	23	
Ethylbenzene	2.39	0.0250	2.50	ND	95.7	45-135	1.60	27	
Toluene	2.37	0.0250	2.50	ND	94.8	48-130	1.23	24	
o-Xylene	2.46	0.0250	2.50	ND	98.5	43-135	4.27	27	
p,m-Xylene	5.32	0.0500	5.00	ND	106	43-135	12.0	27	
Total Xylenes	7.78	0.0250	7.50	ND	104	43-135	9.52	27	
Surrogate: Bromofluorobenzene	0.520		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.465		0.500		92.9	70-130			
Surrogate: Toluene-d8	0.512		0.500		102	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:	Gilbert Moreno	4/16/2024 3:35:35PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RAS

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 (2415034-BLK1) Prepared: 04/10/24 Analyzed: 04/12/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.521		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.8	70-130			
Surrogate: Toluene-d8	0.491		0.500		98.2	70-130			

LCS (2415034-BS2) Prepared: 04/10/24 Analyzed: 04/12/24

Gasoline Range Organics (C6-C10)	50.2	20.0	50.0		100	70-130			
Surrogate: Bromofluorobenzene	0.529		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.468		0.500		93.6	70-130			
Surrogate: Toluene-d8	0.500		0.500		100	70-130			

Matrix Spike (2415034-MS2) Source: E404067-03 Prepared: 04/10/24 Analyzed: 04/12/24

Gasoline Range Organics (C6-C10)	57.5	20.0	50.0	ND	115	70-130			
Surrogate: Bromofluorobenzene	0.559		0.500		112	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.1	70-130			
Surrogate: Toluene-d8	0.561		0.500		112	70-130			

Matrix Spike Dup (2415034-MSD2) Source: E404067-03 Prepared: 04/10/24 Analyzed: 04/12/24

Gasoline Range Organics (C6-C10)	48.8	20.0	50.0	ND	97.6	70-130	16.4	20	
Surrogate: Bromofluorobenzene	0.529		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.4	70-130			
Surrogate: Toluene-d8	0.501		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:	Gilbert Moreno	4/16/2024 3:35:35PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

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 (2415054-BLK1)					Prepared: 04/11/24 Analyzed: 04/11/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	57.6		50.0		115	50-200			

LCS (2415054-BS1)					Prepared: 04/11/24 Analyzed: 04/11/24				
Diesel Range Organics (C10-C28)	288	25.0	250		115	38-132			
Surrogate: n-Nonane	54.3		50.0		109	50-200			

Matrix Spike (2415054-MS1)					Source: E404069-01		Prepared: 04/11/24 Analyzed: 04/12/24		
Diesel Range Organics (C10-C28)	291	25.0	250	ND	116	38-132			
Surrogate: n-Nonane	52.3		50.0		105	50-200			

Matrix Spike Dup (2415054-MSD1)					Source: E404069-01		Prepared: 04/11/24 Analyzed: 04/12/24		
Diesel Range Organics (C10-C28)	287	25.0	250	ND	115	38-132	1.14	20	
Surrogate: n-Nonane	52.1		50.0		104	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:	Gilbert Moreno	4/16/2024 3:35:35PM

Anions by EPA 300.0/9056A

Analyst: WF

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

Blank (2415042-BLK1)					Prepared: 04/10/24 Analyzed: 04/11/24				
Chloride	ND	20.0							
LCS (2415042-BS1)					Prepared: 04/10/24 Analyzed: 04/11/24				
Chloride	250	20.0	250		100	90-110			
Matrix Spike (2415042-MS1)					Source: E404066-02		Prepared: 04/10/24 Analyzed: 04/11/24		
Chloride	251	20.0	250	ND	101	80-120			
Matrix Spike Dup (2415042-MSD1)					Source: E404066-02		Prepared: 04/10/24 Analyzed: 04/11/24		
Chloride	260	20.0	250	ND	104	80-120	3.44	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:	Gilbert Moreno	04/16/24 15:35

- S3 Surrogate spike recovery was outside acceptance limits. LCS spike recovery was acceptable.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

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

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



Client: Devon Energy Production Co LP Project: FLAGLER 8 CTB 1 Project Manager: Gilbert Moreno Address: 13000 W County Rd 100 City, State, Zip_ Odessa,TX, 79765 Phone: 432-305-6414 Email: Devon-team@etechnv.com				Bill To Attention: Jim Raley Address: 5315 Buena Vista Dr. City, State, Zip: Carlsbad, NM, 88220 Phone: 575-885-7502 Email: jim.raley@dv.com WO: 21179750 Incident ID: nAPP2106147760				Lab Use Only				TAT				EPA Program															
								Lab WO#		Job Number		1D	2D	3D	Standard	CWA	SDWA														
								E 404009		01058-0007					5 day TAT																
								Analysis and Method																							
																State															
																NM	CO	UT	AZ	TX											
Collected by: Edyte Konan				Depth(ft.)	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	GDOC TX	Remarks																			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number																										
12:10	04.08.24	S	1	BH06	1	0.5'						X																			
12:30	04.08.24	S	1	BH06	2	1'						X																			
12:40	04.08.24	S	1	BH06	3	4'						X																			
12:50	04.08.24	S	1	BH06	4	10'						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.																			
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>																							
		04/09/24	09:00	Michelle Gonzales		4-9-24	0900																								
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time																								
Michelle Gonzales		4-9-24	1622			4-9-24	1715																								
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time																								
		4-9-24	2330			4/10/24	950																								
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: 4/10/2024 1:58:24PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	04/10/24 09:50	Work Order ID:	E404069
Phone:	(575) 748-0176	Date Logged In:	04/10/24 09:50	Logged In By:	Alexa Michaels
Email:	Devon-team@etechenv.com	Due Date:	04/16/24 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

Carrier: Courier

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

Comments/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.

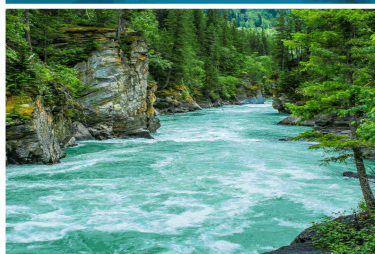
Date



envirotech Inc.

Report to:

Gilbert Moreno



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: FLAGLER 8 CTB 1

Work Order: E404068

Job Number: 01058-0007

Received: 4/10/2024

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/16/24

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: 4/16/24

Gilbert Moreno
6488 7 Rivers Hwy
Artesia, NM 88210



Project Name: FLAGLER 8 CTB 1
Workorder: E404068
Date Received: 4/10/2024 9:46:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/10/2024 9:46:00AM, 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

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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:	Gilbert Moreno	04/16/24 15:36

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH07 0.5'	E404068-01A	Soil	04/08/24	04/10/24	Glass Jar, 2 oz.
BH07 1'	E404068-02A	Soil	04/08/24	04/10/24	Glass Jar, 2 oz.
BH07 4'	E404068-03A	Soil	04/08/24	04/10/24	Glass Jar, 2 oz.
BH07 10'	E404068-04A	Soil	04/08/24	04/10/24	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: Gilbert Moreno	Reported: 4/16/2024 3:36:30PM
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BH07 0.5'

E404068-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2415034
Benzene	ND	0.0250	1	04/10/24	04/12/24	
Ethylbenzene	ND	0.0250	1	04/10/24	04/12/24	
Toluene	ND	0.0250	1	04/10/24	04/12/24	
o-Xylene	ND	0.0250	1	04/10/24	04/12/24	
p,m-Xylene	ND	0.0500	1	04/10/24	04/12/24	
Total Xylenes	ND	0.0250	1	04/10/24	04/12/24	
Surrogate: Bromofluorobenzene	97.7 %	70-130		04/10/24	04/12/24	
Surrogate: 1,2-Dichloroethane-d4	98.8 %	70-130		04/10/24	04/12/24	
Surrogate: Toluene-d8	107 %	70-130		04/10/24	04/12/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2415034
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/10/24	04/12/24	
Surrogate: Bromofluorobenzene	97.7 %	70-130		04/10/24	04/12/24	
Surrogate: 1,2-Dichloroethane-d4	98.8 %	70-130		04/10/24	04/12/24	
Surrogate: Toluene-d8	107 %	70-130		04/10/24	04/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2415053
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/24	04/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/24	04/12/24	
Surrogate: n-Nonane	108 %	50-200		04/11/24	04/12/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2415041
Chloride	194	20.0	1	04/10/24	04/11/24	



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Gilbert Moreno

Reported:
4/16/2024 3:36:30PM

BH07 1'

E404068-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2415034
Benzene	ND	0.0250	1	04/10/24	04/12/24	
Ethylbenzene	ND	0.0250	1	04/10/24	04/12/24	
Toluene	ND	0.0250	1	04/10/24	04/12/24	
o-Xylene	ND	0.0250	1	04/10/24	04/12/24	
p,m-Xylene	ND	0.0500	1	04/10/24	04/12/24	
Total Xylenes	ND	0.0250	1	04/10/24	04/12/24	
Surrogate: Bromofluorobenzene		107 %	70-130	04/10/24	04/12/24	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130	04/10/24	04/12/24	
Surrogate: Toluene-d8		123 %	70-130	04/10/24	04/12/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2415034
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/10/24	04/12/24	
Surrogate: Bromofluorobenzene		107 %	70-130	04/10/24	04/12/24	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130	04/10/24	04/12/24	
Surrogate: Toluene-d8		123 %	70-130	04/10/24	04/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2415053
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/24	04/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/24	04/12/24	
Surrogate: n-Nonane		105 %	50-200	04/11/24	04/12/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2415041
Chloride	ND	20.0	1	04/10/24	04/11/24	



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Gilbert Moreno

Reported:
4/16/2024 3:36:30PM

BH07 4'

E404068-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2415034
Benzene	ND	0.0250	1	04/10/24	04/12/24	
Ethylbenzene	ND	0.0250	1	04/10/24	04/12/24	
Toluene	ND	0.0250	1	04/10/24	04/12/24	
o-Xylene	ND	0.0250	1	04/10/24	04/12/24	
p,m-Xylene	ND	0.0500	1	04/10/24	04/12/24	
Total Xylenes	ND	0.0250	1	04/10/24	04/12/24	
Surrogate: Bromofluorobenzene		106 %	70-130	04/10/24	04/12/24	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130	04/10/24	04/12/24	
Surrogate: Toluene-d8		122 %	70-130	04/10/24	04/12/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2415034
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/10/24	04/12/24	
Surrogate: Bromofluorobenzene		106 %	70-130	04/10/24	04/12/24	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130	04/10/24	04/12/24	
Surrogate: Toluene-d8		122 %	70-130	04/10/24	04/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2415053
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/24	04/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/24	04/12/24	
Surrogate: n-Nonane		106 %	50-200	04/11/24	04/12/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2415041
Chloride	ND	20.0	1	04/10/24	04/11/24	



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Gilbert Moreno

Reported:
4/16/2024 3:36:30PM

BH07 10'

E404068-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2415034
Benzene	ND	0.0250	1	04/10/24	04/12/24	
Ethylbenzene	ND	0.0250	1	04/10/24	04/12/24	
Toluene	ND	0.0250	1	04/10/24	04/12/24	
o-Xylene	ND	0.0250	1	04/10/24	04/12/24	
p,m-Xylene	ND	0.0500	1	04/10/24	04/12/24	
Total Xylenes	ND	0.0250	1	04/10/24	04/12/24	
Surrogate: Bromofluorobenzene		106 %	70-130	04/10/24	04/12/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	04/10/24	04/12/24	
Surrogate: Toluene-d8		86.4 %	70-130	04/10/24	04/12/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2415034
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/10/24	04/12/24	
Surrogate: Bromofluorobenzene		106 %	70-130	04/10/24	04/12/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	04/10/24	04/12/24	
Surrogate: Toluene-d8		86.4 %	70-130	04/10/24	04/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2415053
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/24	04/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/24	04/12/24	
Surrogate: n-Nonane		108 %	50-200	04/11/24	04/12/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2415041
Chloride	ND	20.0	1	04/10/24	04/11/24	



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:	Gilbert Moreno	4/16/2024 3:36:30PM

Volatile Organic Compounds by EPA 8260B

Analyst: RAS

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

Blank (2415034-BLK1) Prepared: 04/10/24 Analyzed: 04/12/24

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	0.521		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.8	70-130			
Surrogate: Toluene-d8	0.491		0.500		98.2	70-130			

LCS (2415034-BS1) Prepared: 04/10/24 Analyzed: 04/12/24

Benzene	2.51	0.0250	2.50		100	70-130			
Ethylbenzene	2.46	0.0250	2.50		98.4	70-130			
Toluene	2.36	0.0250	2.50		94.5	70-130			
o-Xylene	2.52	0.0250	2.50		101	70-130			
p,m-Xylene	4.96	0.0500	5.00		99.2	70-130			
Total Xylenes	7.48	0.0250	7.50		99.7	70-130			
Surrogate: Bromofluorobenzene	0.532		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.6	70-130			
Surrogate: Toluene-d8	0.501		0.500		100	70-130			

Matrix Spike (2415034-MS1) Source: E404067-03 Prepared: 04/10/24 Analyzed: 04/12/24

Benzene	2.50	0.0250	2.50	ND	99.9	48-131			
Ethylbenzene	2.43	0.0250	2.50	ND	97.2	45-135			
Toluene	2.34	0.0250	2.50	ND	93.7	48-130			
o-Xylene	2.36	0.0250	2.50	ND	94.4	43-135			
p,m-Xylene	4.72	0.0500	5.00	ND	94.3	43-135			
Total Xylenes	7.07	0.0250	7.50	ND	94.3	43-135			
Surrogate: Bromofluorobenzene	0.504		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.6	70-130			
Surrogate: Toluene-d8	0.508		0.500		102	70-130			

Matrix Spike Dup (2415034-MSD1) Source: E404067-03 Prepared: 04/10/24 Analyzed: 04/12/24

Benzene	2.26	0.0250	2.50	ND	90.3	48-131	10.1	23	
Ethylbenzene	2.39	0.0250	2.50	ND	95.7	45-135	1.60	27	
Toluene	2.37	0.0250	2.50	ND	94.8	48-130	1.23	24	
o-Xylene	2.46	0.0250	2.50	ND	98.5	43-135	4.27	27	
p,m-Xylene	5.32	0.0500	5.00	ND	106	43-135	12.0	27	
Total Xylenes	7.78	0.0250	7.50	ND	104	43-135	9.52	27	
Surrogate: Bromofluorobenzene	0.520		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.465		0.500		92.9	70-130			
Surrogate: Toluene-d8	0.512		0.500		102	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:	Gilbert Moreno	4/16/2024 3:36:30PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RAS

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 (2415034-BLK1) Prepared: 04/10/24 Analyzed: 04/12/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.521		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.8	70-130			
Surrogate: Toluene-d8	0.491		0.500		98.2	70-130			

LCS (2415034-BS2) Prepared: 04/10/24 Analyzed: 04/12/24

Gasoline Range Organics (C6-C10)	50.2	20.0	50.0		100	70-130			
Surrogate: Bromofluorobenzene	0.529		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.468		0.500		93.6	70-130			
Surrogate: Toluene-d8	0.500		0.500		100	70-130			

Matrix Spike (2415034-MS2) Source: E404067-03 Prepared: 04/10/24 Analyzed: 04/12/24

Gasoline Range Organics (C6-C10)	57.5	20.0	50.0	ND	115	70-130			
Surrogate: Bromofluorobenzene	0.559		0.500		112	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.1	70-130			
Surrogate: Toluene-d8	0.561		0.500		112	70-130			

Matrix Spike Dup (2415034-MSD2) Source: E404067-03 Prepared: 04/10/24 Analyzed: 04/12/24

Gasoline Range Organics (C6-C10)	48.8	20.0	50.0	ND	97.6	70-130	16.4	20	
Surrogate: Bromofluorobenzene	0.529		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.4	70-130			
Surrogate: Toluene-d8	0.501		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:	Gilbert Moreno	4/16/2024 3:36:30PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

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 (2415053-BLK1)					Prepared: 04/11/24 Analyzed: 04/12/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	56.9		50.0		114	50-200			

LCS (2415053-BS1)					Prepared: 04/11/24 Analyzed: 04/12/24				
Diesel Range Organics (C10-C28)	321	25.0	250		128	38-132			
Surrogate: n-Nonane	60.5		50.0		121	50-200			

Matrix Spike (2415053-MS1)					Source: E404059-05		Prepared: 04/11/24 Analyzed: 04/12/24		
Diesel Range Organics (C10-C28)	320	25.0	250	ND	128	38-132			
Surrogate: n-Nonane	63.0		50.0		126	50-200			

Matrix Spike Dup (2415053-MSD1)					Source: E404059-05		Prepared: 04/11/24 Analyzed: 04/12/24		
Diesel Range Organics (C10-C28)	326	25.0	250	ND	131	38-132	1.83	20	
Surrogate: n-Nonane	63.7		50.0		127	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:	Gilbert Moreno	4/16/2024 3:36:30PM

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 (2415041-BLK1)					Prepared: 04/10/24 Analyzed: 04/10/24				
Chloride	ND	20.0							
LCS (2415041-BS1)					Prepared: 04/10/24 Analyzed: 04/10/24				
Chloride	249	20.0	250		99.4	90-110			
Matrix Spike (2415041-MS1)					Source: E404059-09		Prepared: 04/10/24 Analyzed: 04/10/24		
Chloride	5370	40.0	250	4600	307	80-120			M4
Matrix Spike Dup (2415041-MSD1)					Source: E404059-09		Prepared: 04/10/24 Analyzed: 04/10/24		
Chloride	4970	40.0	250	4600	144	80-120	7.87	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:	Gilbert Moreno	04/16/24 15:36

- 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.

[illegible]

envirotech

Envirotech Analytical Laboratory

Printed: 4/10/2024 1:56:00PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	04/10/24 09:46	Work Order ID:	E404068
Phone:	(575) 748-0176	Date Logged In:	04/10/24 09:47	Logged In By:	Alexa Michaels
Email:	Devon-team@etechenv.com	Due Date:	04/16/24 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: Courier**Comments/Resolution****Sample Turn Around Time (TAT)**

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

Sample Cooler

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



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: FLAGLER 8 CTB 1

Work Order: E404067

Job Number: 01058-0007

Received: 4/10/2024

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/16/24

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.
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Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 4/16/24

Gilbert Moreno
6488 7 Rivers Hwy
Artesia, NM 88210



Project Name: FLAGLER 8 CTB 1
Workorder: E404067
Date Received: 4/10/2024 9:41:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/10/2024 9:41:00AM, 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:	Gilbert Moreno	04/16/24 15:39

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH08 0.5'	E404067-01A	Soil	04/08/24	04/10/24	Glass Jar, 2 oz.
BH08 1'	E404067-02A	Soil	04/08/24	04/10/24	Glass Jar, 2 oz.
BH08 4'	E404067-03A	Soil	04/08/24	04/10/24	Glass Jar, 2 oz.
BH08 10'	E404067-04A	Soil	04/08/24	04/10/24	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: Gilbert Moreno	Reported: 4/16/2024 3:39:38PM
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BH08 0.5'

E404067-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2415034
Benzene	ND	0.0250	1	04/10/24	04/12/24	
Ethylbenzene	ND	0.0250	1	04/10/24	04/12/24	
Toluene	ND	0.0250	1	04/10/24	04/12/24	
o-Xylene	ND	0.0250	1	04/10/24	04/12/24	
p,m-Xylene	ND	0.0500	1	04/10/24	04/12/24	
Total Xylenes	ND	0.0250	1	04/10/24	04/12/24	
Surrogate: Bromofluorobenzene		108 %	70-130	04/10/24	04/12/24	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130	04/10/24	04/12/24	
Surrogate: Toluene-d8		95.7 %	70-130	04/10/24	04/12/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2415034
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/10/24	04/12/24	
Surrogate: Bromofluorobenzene		108 %	70-130	04/10/24	04/12/24	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130	04/10/24	04/12/24	
Surrogate: Toluene-d8		95.7 %	70-130	04/10/24	04/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2415051
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/24	04/11/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/24	04/11/24	
Surrogate: n-Nonane		115 %	50-200	04/11/24	04/11/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2415042
Chloride	ND	20.0	1	04/10/24	04/11/24	



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Gilbert Moreno

Reported:
4/16/2024 3:39:38PM

BH08 1'

E404067-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2415034
Benzene	ND	0.0250	1	04/10/24	04/12/24	
Ethylbenzene	ND	0.0250	1	04/10/24	04/12/24	
Toluene	ND	0.0250	1	04/10/24	04/12/24	
o-Xylene	ND	0.0250	1	04/10/24	04/12/24	
p,m-Xylene	ND	0.0500	1	04/10/24	04/12/24	
Total Xylenes	ND	0.0250	1	04/10/24	04/12/24	
Surrogate: Bromofluorobenzene		103 %	70-130	04/10/24	04/12/24	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130	04/10/24	04/12/24	
Surrogate: Toluene-d8		113 %	70-130	04/10/24	04/12/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2415034
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/10/24	04/12/24	
Surrogate: Bromofluorobenzene		103 %	70-130	04/10/24	04/12/24	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130	04/10/24	04/12/24	
Surrogate: Toluene-d8		113 %	70-130	04/10/24	04/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2415051
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/24	04/11/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/24	04/11/24	
Surrogate: n-Nonane		113 %	50-200	04/11/24	04/11/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2415042
Chloride	ND	20.0	1	04/10/24	04/11/24	



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Gilbert Moreno

Reported:
4/16/2024 3:39:38PM

BH08 4'

E404067-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2415034
Benzene	ND	0.0250	1	04/10/24	04/12/24	
Ethylbenzene	ND	0.0250	1	04/10/24	04/12/24	
Toluene	ND	0.0250	1	04/10/24	04/12/24	
o-Xylene	ND	0.0250	1	04/10/24	04/12/24	
p,m-Xylene	ND	0.0500	1	04/10/24	04/12/24	
Total Xylenes	ND	0.0250	1	04/10/24	04/12/24	
Surrogate: Bromofluorobenzene		108 %	70-130	04/10/24	04/12/24	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130	04/10/24	04/12/24	
Surrogate: Toluene-d8		102 %	70-130	04/10/24	04/12/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2415034
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/10/24	04/12/24	
Surrogate: Bromofluorobenzene		108 %	70-130	04/10/24	04/12/24	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130	04/10/24	04/12/24	
Surrogate: Toluene-d8		102 %	70-130	04/10/24	04/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2415051
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/24	04/11/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/24	04/11/24	
Surrogate: n-Nonane		112 %	50-200	04/11/24	04/11/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2415042
Chloride	ND	20.0	1	04/10/24	04/11/24	



Sample Data

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

Project Name: FLAGLER 8 CTB 1
Project Number: 01058-0007
Project Manager: Gilbert Moreno

Reported:
4/16/2024 3:39:38PM

BH08 10'

E404067-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2415034
Benzene	ND	0.0250	1	04/10/24	04/12/24	
Ethylbenzene	ND	0.0250	1	04/10/24	04/12/24	
Toluene	ND	0.0250	1	04/10/24	04/12/24	
o-Xylene	ND	0.0250	1	04/10/24	04/12/24	
p,m-Xylene	ND	0.0500	1	04/10/24	04/12/24	
Total Xylenes	ND	0.0250	1	04/10/24	04/12/24	
Surrogate: Bromofluorobenzene		104 %	70-130	04/10/24	04/12/24	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130	04/10/24	04/12/24	
Surrogate: Toluene-d8		81.6 %	70-130	04/10/24	04/12/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2415034
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/10/24	04/12/24	
Surrogate: Bromofluorobenzene		104 %	70-130	04/10/24	04/12/24	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130	04/10/24	04/12/24	
Surrogate: Toluene-d8		81.6 %	70-130	04/10/24	04/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2415051
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/24	04/11/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/24	04/11/24	
Surrogate: n-Nonane		119 %	50-200	04/11/24	04/11/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: WF		Batch: 2415042
Chloride	ND	20.0	1	04/10/24	04/11/24	



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:	Gilbert Moreno	4/16/2024 3:39:38PM

Volatile Organic Compounds by EPA 8260B

Analyst: RAS

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

Blank (2415034-BLK1) Prepared: 04/10/24 Analyzed: 04/12/24

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	0.521		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.8	70-130			
Surrogate: Toluene-d8	0.491		0.500		98.2	70-130			

LCS (2415034-BS1) Prepared: 04/10/24 Analyzed: 04/12/24

Benzene	2.51	0.0250	2.50		100	70-130			
Ethylbenzene	2.46	0.0250	2.50		98.4	70-130			
Toluene	2.36	0.0250	2.50		94.5	70-130			
o-Xylene	2.52	0.0250	2.50		101	70-130			
p,m-Xylene	4.96	0.0500	5.00		99.2	70-130			
Total Xylenes	7.48	0.0250	7.50		99.7	70-130			
Surrogate: Bromofluorobenzene	0.532		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.6	70-130			
Surrogate: Toluene-d8	0.501		0.500		100	70-130			

Matrix Spike (2415034-MS1) Source: E404067-03 Prepared: 04/10/24 Analyzed: 04/12/24

Benzene	2.50	0.0250	2.50	ND	99.9	48-131			
Ethylbenzene	2.43	0.0250	2.50	ND	97.2	45-135			
Toluene	2.34	0.0250	2.50	ND	93.7	48-130			
o-Xylene	2.36	0.0250	2.50	ND	94.4	43-135			
p,m-Xylene	4.72	0.0500	5.00	ND	94.3	43-135			
Total Xylenes	7.07	0.0250	7.50	ND	94.3	43-135			
Surrogate: Bromofluorobenzene	0.504		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.6	70-130			
Surrogate: Toluene-d8	0.508		0.500		102	70-130			

Matrix Spike Dup (2415034-MSD1) Source: E404067-03 Prepared: 04/10/24 Analyzed: 04/12/24

Benzene	2.26	0.0250	2.50	ND	90.3	48-131	10.1	23	
Ethylbenzene	2.39	0.0250	2.50	ND	95.7	45-135	1.60	27	
Toluene	2.37	0.0250	2.50	ND	94.8	48-130	1.23	24	
o-Xylene	2.46	0.0250	2.50	ND	98.5	43-135	4.27	27	
p,m-Xylene	5.32	0.0500	5.00	ND	106	43-135	12.0	27	
Total Xylenes	7.78	0.0250	7.50	ND	104	43-135	9.52	27	
Surrogate: Bromofluorobenzene	0.520		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.465		0.500		92.9	70-130			
Surrogate: Toluene-d8	0.512		0.500		102	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:	Gilbert Moreno	4/16/2024 3:39:38PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RAS

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 (2415034-BLK1) Prepared: 04/10/24 Analyzed: 04/12/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.521		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.8	70-130			
Surrogate: Toluene-d8	0.491		0.500		98.2	70-130			

LCS (2415034-BS2) Prepared: 04/10/24 Analyzed: 04/12/24

Gasoline Range Organics (C6-C10)	50.2	20.0	50.0		100	70-130			
Surrogate: Bromofluorobenzene	0.529		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.468		0.500		93.6	70-130			
Surrogate: Toluene-d8	0.500		0.500		100	70-130			

Matrix Spike (2415034-MS2) Source: E404067-03 Prepared: 04/10/24 Analyzed: 04/12/24

Gasoline Range Organics (C6-C10)	57.5	20.0	50.0	ND	115	70-130			
Surrogate: Bromofluorobenzene	0.559		0.500		112	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.1	70-130			
Surrogate: Toluene-d8	0.561		0.500		112	70-130			

Matrix Spike Dup (2415034-MSD2) Source: E404067-03 Prepared: 04/10/24 Analyzed: 04/12/24

Gasoline Range Organics (C6-C10)	48.8	20.0	50.0	ND	97.6	70-130	16.4	20	
Surrogate: Bromofluorobenzene	0.529		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.4	70-130			
Surrogate: Toluene-d8	0.501		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:	Gilbert Moreno	4/16/2024 3:39:38PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

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 (2415051-BLK1)	Prepared: 04/11/24 Analyzed: 04/11/24								
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	56.7		50.0		113	50-200			

LCS (2415051-BS1)	Prepared: 04/11/24 Analyzed: 04/11/24								
Diesel Range Organics (C10-C28)	322	25.0	250		129	38-132			
Surrogate: n-Nonane	60.7		50.0		121	50-200			

Matrix Spike (2415051-MS1)				Source: E404067-01	Prepared: 04/11/24 Analyzed: 04/11/24				
Diesel Range Organics (C10-C28)	324	25.0	250	ND	129	38-132			
Surrogate: n-Nonane	60.3		50.0		121	50-200			

Matrix Spike Dup (2415051-MSD1)				Source: E404067-01	Prepared: 04/11/24 Analyzed: 04/11/24				
Diesel Range Organics (C10-C28)	323	25.0	250	ND	129	38-132	0.146	20	
Surrogate: n-Nonane	59.0		50.0		118	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:	Gilbert Moreno	4/16/2024 3:39:38PM

Anions by EPA 300.0/9056A

Analyst: WF

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

Blank (2415042-BLK1)					Prepared: 04/10/24 Analyzed: 04/11/24				
Chloride	ND	20.0							
LCS (2415042-BS1)					Prepared: 04/10/24 Analyzed: 04/11/24				
Chloride	250	20.0	250		100	90-110			
Matrix Spike (2415042-MS1)					Source: E404066-02		Prepared: 04/10/24 Analyzed: 04/11/24		
Chloride	251	20.0	250	ND	101	80-120			
Matrix Spike Dup (2415042-MSD1)					Source: E404066-02		Prepared: 04/10/24 Analyzed: 04/11/24		
Chloride	260	20.0	250	ND	104	80-120	3.44	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:	Gilbert Moreno	04/16/24 15:39

- 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: Gilbert Moreno					Address: 5315 Buena Vista Dr.		Job Number					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: 432-305-6414					Email: jim.raley@dvn.com										
Email: Devon-team@etechnv.com					WO: 21179750										
Collected by: Edyte Konan					Incident ID: nAPP2106147760										
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	
13:40	04.08.24	S	1	BH08	1	0.5'						X			
13:50	04.08.24	S	1	BH08	2	1'						X			
14:00	04.08.24	S	1	BH08	3	4'						X			
14:10	04.08.24	S	1	BH08	4	10'						X			
04/09/24															
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		04/09/24	09:00	Michelle Gonzales		4-9-24	0900	Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N							
Michelle Gonzales		4-9-24	1622	A.M.		4-9-24	1715	T1 T2 T3							
A.M.		4-9-24	2330	Signature		4/10/24	9:41	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: 4/10/2024 1:42:18PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	04/10/24 09:41	Work Order ID:	E404067
Phone:	(575) 748-0176	Date Logged In:	04/10/24 09:41	Logged In By:	Alexa Michaels
Email:	Devon-team@etechenv.com	Due Date:	04/16/24 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

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II

811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
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District IV

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Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 328255

QUESTIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 328255
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2106147760
Incident Name	NAPP2106147760 FLAGLER 8 CTB 1 @ 0
Incident Type	Oil Release
Incident Status	Initial C-141 Approved

Location of Release Source

Site Name	FLAGLER 8 CTB 1
Date Release Discovered	02/16/2021
Surface Owner	Federal

Sampling Event General Information*Please answer all the questions in this group.*

What is the sampling surface area in square feet	5,496
What is the estimated number of samples that will be gathered	28
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/03/2024
Time sampling will commence	08:30 AM
Please provide any information necessary for observers to contact samplers	Please contact Gilbert Moreno at 432-305-6414 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 (32.140569, -103.602434).

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CONDITIONS

Action 328255

CONDITIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 328255
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jraleay	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/1/2024

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QUESTIONS

Action 329661

QUESTIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 329661
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2106147760
Incident Name	NAPP2106147760 FLAGLER 8 CTB 1 @ 0
Incident Type	Oil Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	FLAGLER 8 CTB 1
Date Release Discovered	02/16/2021
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	5,496
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	04/08/2024
Time sampling will commence	08:30 AM
Please provide any information necessary for observers to contact samplers	Please contact Gilbert Moreno at 432-305-6414 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 (32.140569, -103.602434).

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CONDITIONS

Action 329661

CONDITIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 329661
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jraleay	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/3/2024

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QUESTIONS

Action 354757

QUESTIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID:	246289
	Action Number:	354757
	Action Type:	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2106147760
Incident Name	NAPP2106147760 FLAGLER 8 CTB 1 @ 0
Incident Type	Oil Release
Incident Status	Remediation Plan Received

Location of Release Source	
Please answer all the questions in this group.	
Site Name	FLAGLER 8 CTB 1
Date Release Discovered	02/16/2021
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Other Other (Specify) Crude Oil Released: 12 BBL Recovered: 8 BBL Lost: 4 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	Not answered.
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)	Not answered.

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QUESTIONS, Page 2

Action 354757

QUESTIONS (continued)

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID:
	246289
	Action Number:
	354757
Action Type:	
[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)	

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	The spill was not in containment.

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@dmn.com Date: 06/17/2024
--	--

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QUESTIONS, Page 3

Action 354757

QUESTIONS (continued)

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID:
	246289
	Action Number: 354757
Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)	

QUESTIONS**Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

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

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	194
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	24900
GRO+DRO (EPA SW-846 Method 8015M)	19900
BTEX (EPA SW-846 Method 8021B or 8260B)	48
Benzene (EPA SW-846 Method 8021B or 8260B)	0.3

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	03/28/2024
On what date will (or did) the final sampling or liner inspection occur	10/01/2024
On what date will (or was) the remediation complete(d)	11/01/2024
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	9866
What is the estimated volume (in cubic yards) that will be remediated	1462

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

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

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QUESTIONS, Page 4

Action 354757

QUESTIONS (continued)

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID:	246289
	Action Number:	354757
	Action Type:	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

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.)	<i>Not answered.</i>
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	<i>Not answered.</i>
(In Situ) Soil Vapor Extraction	<i>Not answered.</i>
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Yes
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	<i>Not answered.</i>
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	<i>Not answered.</i>
Ground Water Abatement pursuant to 19.15.30 NMAC	<i>Not answered.</i>
OTHER (Non-listed remedial process)	<i>Not answered.</i>
<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@dvni.com Date: 06/17/2024
<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 354757

QUESTIONS (continued)

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 354757
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

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

District I

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QUESTIONS, Page 6

Action 354757

QUESTIONS (continued)

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID:
	246289
	Action Number:
	354757
Action Type:	
[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)	

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	329661
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/08/2024
What was the (estimated) number of samples that were to be gathered	20
What was the sampling surface area in square feet	5496

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 354757

CONDITIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 354757
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Remediation plan is approved as written and with the following conditions; 1. WPX's soil shredding method to remediate is approved for hydrogen peroxide application only. WPX must provide proof (e.g. photo documentation) that a physical barrier will be used to eliminate the follow up vadose zone sampling during the soil shredding process. 2. Sampling frequency increase from 200 to 500 square feet per one (1) 5-point composite is approved for the excavation floor sampling. Sidewall confirmation sampling will remain at 200 square feet per one (1) 5-point composite. 3. WPX has 90-days (September 26, 2024) to submit to OCD its appropriate or final remediation closure report.	6/28/2024

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Oil Conservation Division
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Santa Fe, NM 87505

QUESTIONS

Action 485554

QUESTIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 485554
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2106147760
Incident Name	NAPP2106147760 FLAGLER 8 CTB 1 @ 0
Incident Type	Oil Release
Incident Status	Remediation Closure Report 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	02/16/2021
Surface Owner	Federal

Incident Details

Please answer all the questions in this group.

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

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

Crude Oil Released (bbls) Details	Cause: Other Other (Specify) Crude Oil Released: 12 BBL Recovered: 8 BBL Lost: 4 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 485554

QUESTIONS (continued)

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 485554
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	The spill was not in containment.

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@dvni.com Date: 06/17/2024
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QUESTIONS, Page 3

Action 485554

QUESTIONS (continued)

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 485554
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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)	194
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	24900
GRO+DRO (EPA SW-846 Method 8015M)	19900
BTEX (EPA SW-846 Method 8021B or 8260B)	48
Benzene (EPA SW-846 Method 8021B or 8260B)	0.3
<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	03/28/2024
On what date will (or did) the final sampling or liner inspection occur	10/01/2024
On what date will (or was) the remediation complete(d)	11/01/2024
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	9866
What is the estimated volume (in cubic yards) that will be remediated	1462
<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 485554

QUESTIONS (continued)

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID:
	246289
	Action Number:
	485554
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

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.)	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Yes
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dmv.com Date: 07/17/2025
<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 485554

QUESTIONS (continued)

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 485554
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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QUESTIONS, Page 6

Action 485554

QUESTIONS (continued)

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
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	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	440339
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	10
What was the sampling surface area in square feet	9867

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	9866
What was the total volume (cubic yards) remediated	1750
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	9866
What was the total volume (in cubic yards) reclaimed	1750
Summarize any additional remediation activities not included by answers (above)	The Site was remediated in accordance with an approved Remediation Plan, ultimately removing 1,750 CY of residual impacted soil and has been backfilled with clean, locally sourced material, and recontoured to match the original conditions as close as possible. Prior to backfilling, stockpile soil samples were collected and submitted for lab analysis for constituents of concern identified by Table I.

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dmv.com Date: 07/17/2025
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QUESTIONS, Page 7

Action 485554

QUESTIONS (continued)

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 485554
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 485554

CONDITIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
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CONDITIONS

Created By	Condition	Condition Date
nvez	None	8/12/2025