



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 nAPP2328556508

*Unit M, Section 8, Township 25 South, Range 33 East
Lea County, New Mexico
(32.13873°, -103.59416°)*

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 corrective actions and subsequent soil sampling events as proposed in an approved Site Characterization Remediation Plan (SCRP application ID 405288), for an inadvertent release of crude oil at the Flagler 8 CTB 1 (Site). Based on completed remedial actions and laboratory analytical results from recent soil sampling events, Devon is requesting No Further Remedial Action (NFRA) for Incident Number nAPP2328556508 until the Site undergoes major plugging and abandonment (P&A) and a subsequent well pad reclamation.

SITE LOCATION AND RELEASE BACKGROUND

As originally documented on the SCRП, an inadvertent release that occurred on October 10, 2023, from the failure of a subsurface flowline, was assigned Incident Number nAPP2328556508. The SCRП proposed corrective actions to address identified impacts exceeding the applicable Site Closure Criteria for an observed release area, hereafter referred to as the Area of Concern (AOC).

The SCRП was received and approved by the NMOCD on December 10, 2024, with the following condition(s):

- “The remediation plan is approved as written. Devon has 90-days (March 10, 2025) to submit to OCD its appropriate or final remediation closure report.”

SITE CHARACTERIZATION AND CLOSURE CRITERIA

As previously described in the SCRП, 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).

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 to February 2025, Etech oversaw the excavation of identified impacts via mechanical equipment based on proposed corrective actions detailed in the approved SCRП. The excavation was

driven by field screening soil 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 soil samples from the floors (FS01 to FS14) and sidewalls (SW01 and SW11) of the excavation at a sampling frequency of 200 square feet (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 343 cubic yards (CY) of impacted soil were removed from the Site. Impacted soil was transported to the R360 Red Bluff Landfill Facility in Orla, Texas 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 the COCs for all confirmation and backfill 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**.

RECLAMATION

Concurrently with backfilling activities, Etech assessed the concentrations of COCs in the backfill material with respect to the reclamation standard. 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**. Field screening results indicated that the backfill material appears to correlate with surrounding soil conditions, as shown in **Table A**. Photographic documentation of restoration activities is included in **Appendix C**.

<div style="display: flex; justify-content: space-between; align-items: center;">  <div> Table A SOIL SAMPLE FIELD SCREENING RESULTS Devon Energy Production Company, LP Flagler 8 CTB 1 Lea County, New Mexico </div> </div>							
Sample I.D.	Sample Date	Sample Depth (feet bgs)	Nitrogen	Potash	Phosphorous	PH (ppm)	Chloride (ppm)
Backfill Soil Samples - Incident Number nAPP2328556508							
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

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 are summarized in **Table 1** included in **Appendix D**.

On March 13, 2025, the excavation, which totaled approximately 2,635 sqft, was backfilled with 343 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. Following P&A activities and final restoration of the Site, BLM Seed Mix #2 (LPC Sand/Shinnery Sites) 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 and future revegetation area is shown in **Figure 3** in **Appendix A**. Photographic documentation of restoration activities is included in **Appendix C**.

CLOSURE REQUEST

Based on laboratory analytical results, Devon believes that residual soil impacts associated with the inadvertent release have been excavated and removed from the Site and the remediation are subsequently reclaimed "as close to its original state" as possible. Concentrations of COCs for all confirmation excavation soil samples were below the Site Closure Criteria and/or reclamation standards. As such, NFRA appears warranted at this time and the status of Incident Number nAPP2328556508 should be respectfully considered for "Reclamation Report Approved". A comprehensive Revegetation Report will be prepared, 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@etechnv.com or Erick Herrera (432) 305-6416 or erick@etechnv.com. **Appendix H** provides correspondence email notification receipts associated with the subject release. The approved SCRP can be referenced in Application ID: 405288 in the NMOCD Portal.

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: Future Restoration Area

Appendix B: Referenced Well Records

Appendix C: Photographic Log

Appendix D: Tables

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

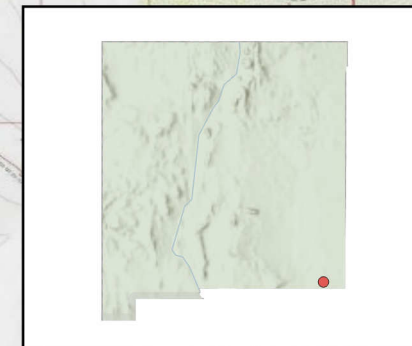
Appendix F: HoldAll® Operating Manual

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

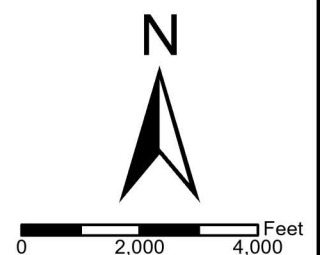
Appendix H: Correspondence & Notifications

APPENDIX A

Figures



Site Location Map



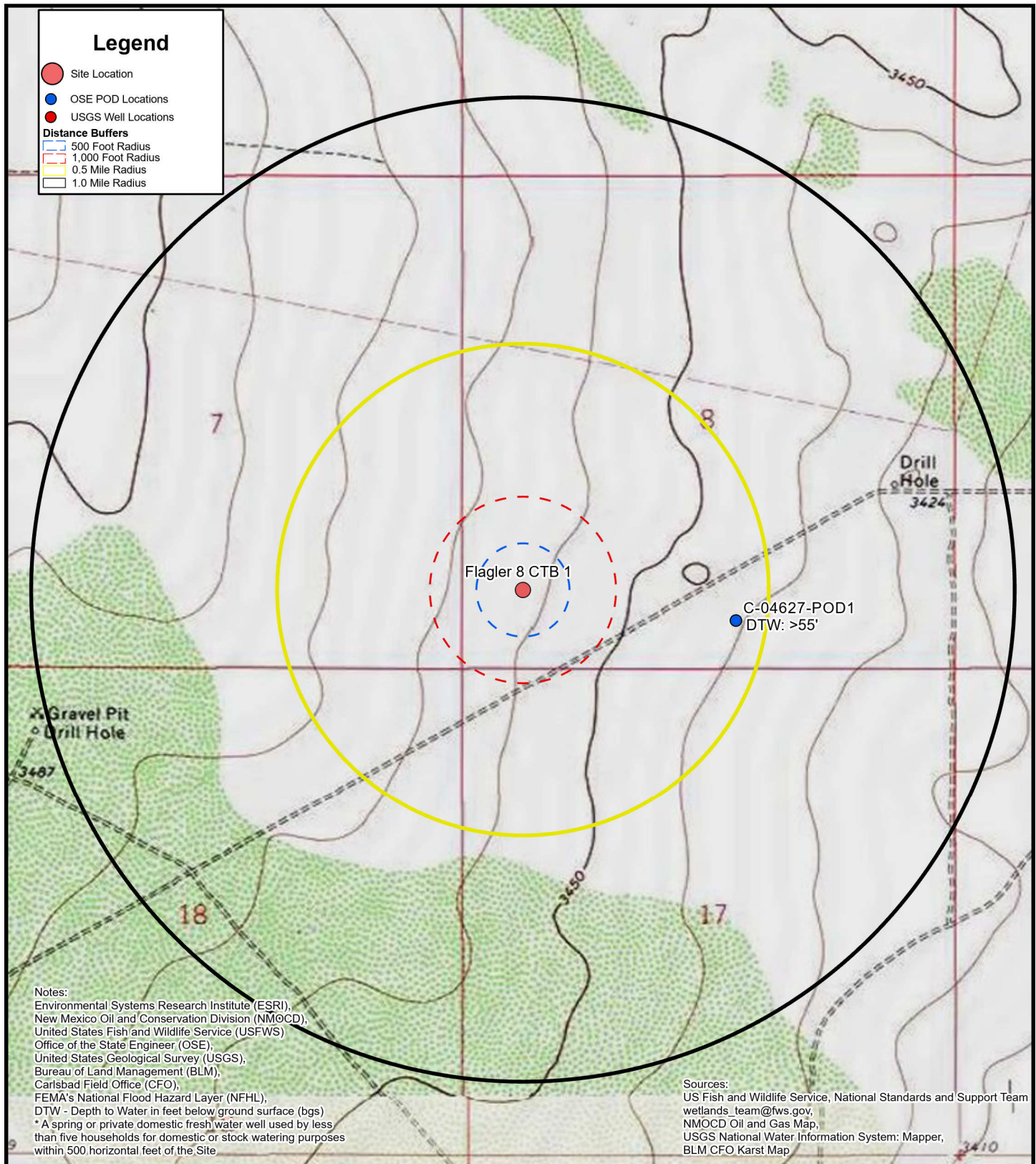
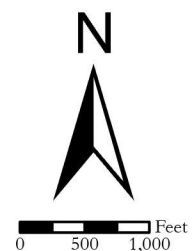


FIGURE 1A
**Site Characterization Map
Groundwater**

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



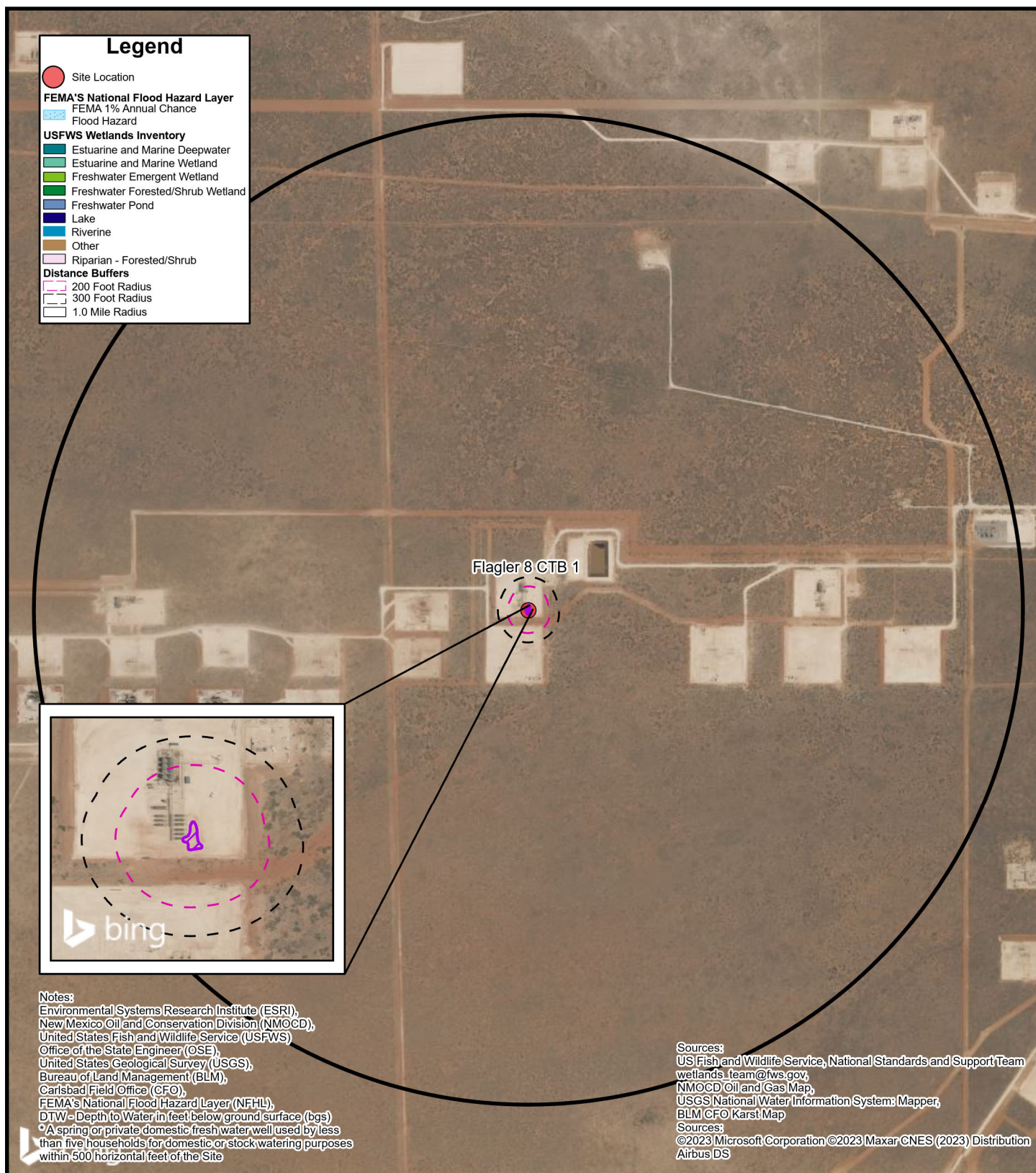
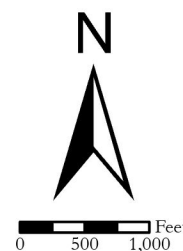
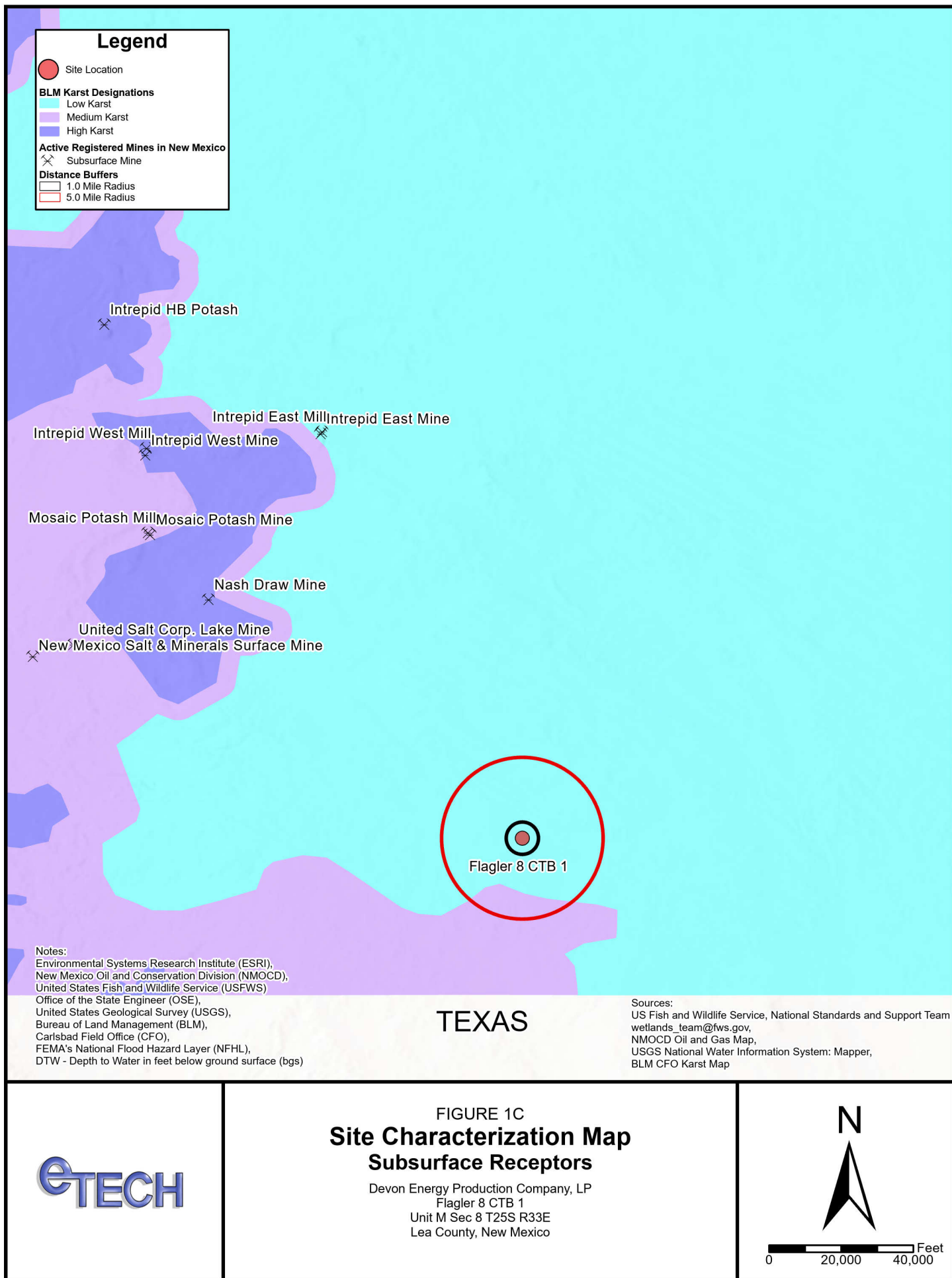
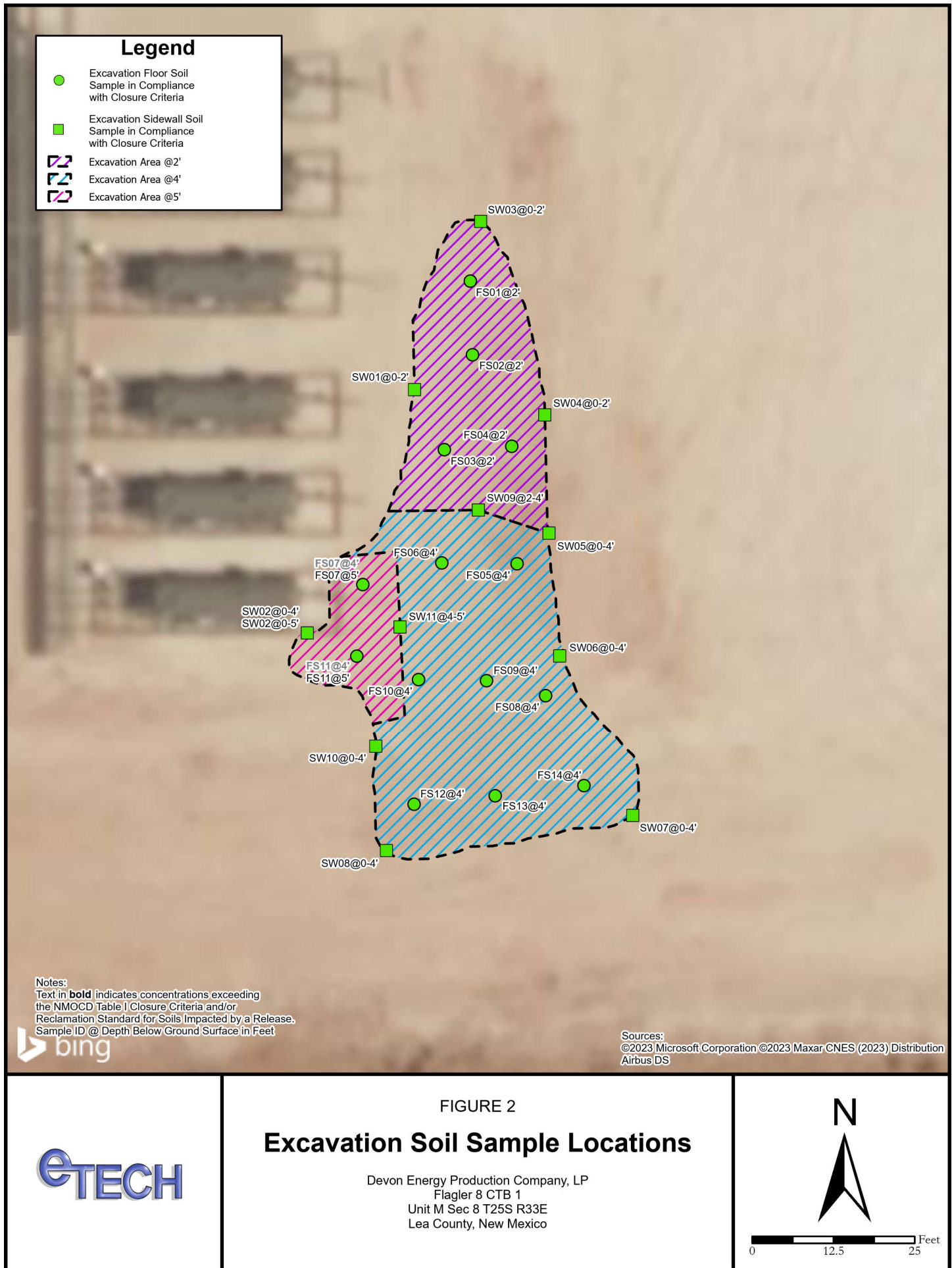


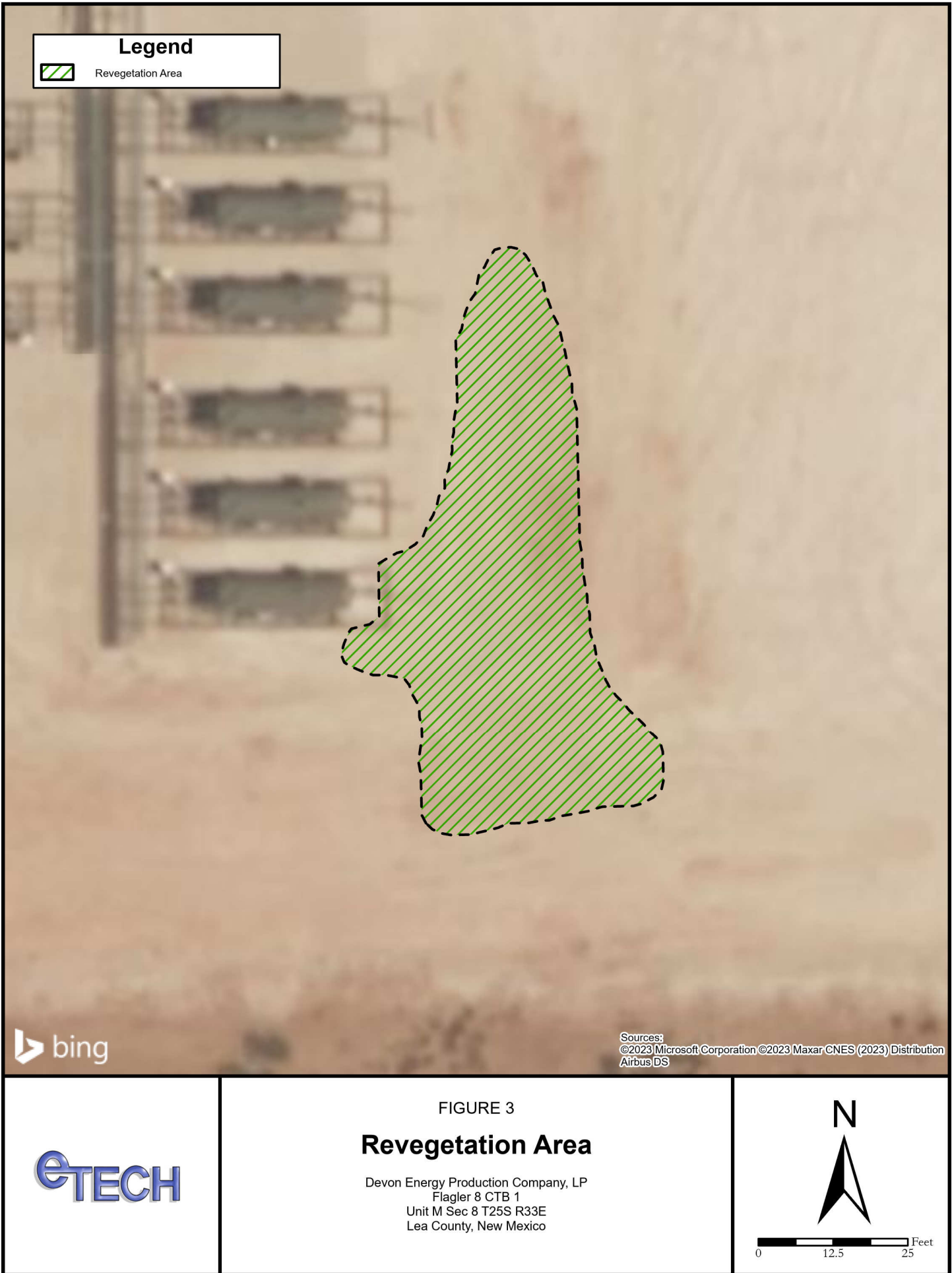
FIGURE 1B Site Characterization Map Surficial Receptors

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









APPENDIX B

Well Reference Records

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





WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

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

FOR OSE INTERNAL USE

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

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

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
	FROM	TO				
	0	7	7	Sand, Fine-grained, poorly graded, 2.5 YR 3/6, Dark Red	Y ✓ N	
	7	24	17	Caliche, with Fine-grained sand, 7.5 YR 7/4, Pink	Y ✓ N	
	24	55	31	Caliche, with Fine-grained sand, well consolidated, 7.5 YR 7/4, Pink	Y ✓ N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					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: 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;">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	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:					
			Jackie D. Atkins		6/16/2022	
	SIGNATURE OF DRILLER / PRINT SIGNEE NAME					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

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: nAPP2328556508

Position: +032 140114 / -103 600867 (±11.0ft)
 Altitude: 3457ft (±9.8ft)
 Datum: WGS-84
 Azimuth/Bearing: 054° N048° 3389mils True (±11°)
 Elevation Angle: -10.8°
 Horizon Angle: -02.6°
 Zoom: 0.5X
 Flagler 8 CTB 1

**Photograph 1****Date: 01/23/2025**

Description: Northeastern view of excavation activities.

Position: +032 140097 / -103 600885 (±12.3ft)
 Altitude: 3450ft (±19.7ft)
 Datum: WGS-84
 Azimuth/Bearing: 185° S65W 3289mils True (±11°)
 Elevation Angle: -12.3°
 Horizon Angle: -03.9°
 Zoom: 0.5X
 Flagler 8 CTB 1

**Photograph 2****Date: 01/23/2025**

Description: Southeastern view of excavation activities.

Date & Time: Wed, Jan 22, 2025 at 16:16:01 MST
 Position: +032 139897 / -103 600811 (±14.9ft)
 Altitude: 3473ft (±11.4ft)
 Datum: WGS-84
 Azimuth/Bearing: 357° N03W 6347mils True (±11°)
 Elevation Angle: -09.0°
 Horizon Angle: -01.5°
 Zoom: 0.5X
 Flagler 8 CTB 1

**Photograph 3****Date: 01/23/2025**

Description: Northern view of excavation activities.

Date & Time: Wed, Jan 22, 2025 at 16:14:54 MST
 Position: +032 140298 / -103 600807 (±15.8ft)
 Altitude: 3463ft (±13.1ft)
 Datum: WGS-84
 Azimuth/Bearing: 245° S65W 4356mils True (±11°)
 Elevation Angle: -14.8°
 Horizon Angle: -01.7°
 Zoom: 0.5X
 Flagler 8 CTB 1

**Photograph 4****Date: 01/23/2025**

Description: Southwestern view of excavation activities.



PHOTOGRAPHIC LOG

Devon Energy Production Company, LP

Flagler 8 CTB 1

Incident Number: nAPP2328556508



Photograph 5

Date: 03/06/2025

Description: Results of the nutrient soil test for backfill STKP01 material.



Photograph 6

Date: 03/06/2025

Description: Results of the nutrient soil test for backfill STKP03 material.



Photograph 7

Date: 03/13/2025

Description: Northwestern view of completed restoration.



Photograph 8

Date: 03/13/2025

Description: Southeastern view of completed restoration.

APPENDIX D

Tables



Table 1
SOIL SAMPLE ANALYTICAL RESULTS
Devon Energy Production Co. 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)	GRO+DRO (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 nAPP2328556508										
FS01	01/22/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS02	01/22/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	20.5
FS03	01/22/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	22.2
FS04	01/22/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	21.9
FS05	01/22/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	67.8
FS06	01/22/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	73.6
FS07	01/22/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	74.8
FS07	02/24/2025	5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	222
FS08	01/23/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS09	01/23/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS10	01/23/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS11	01/23/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS11	02/24/2025	5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	71.5
FS12	01/23/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS13	01/23/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS14	01/23/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SW01	01/23/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	207
SW02	01/23/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	221
SW02	02/24/2025	0-5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	281
SW03	01/23/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SW04	01/23/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SW05	01/23/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SW06	01/23/2025	0-2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SW07	01/23/2025	0-2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SW08	01/23/2025	0-2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0



Table 1
SOIL SAMPLE ANALYTICAL RESULTS
Devon Energy Production Co. 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)	GRO+DRO (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
SW09	01/23/2025	2-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SW10	01/23/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SW11	02/25/2025	4-5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	63.4
Backfill Soil Samples - Incident Number nAPP2328556508										
STKP01	02/24/2025	NA	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	349
STKP02	02/24/2025	NA	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	325
STKP03	02/24/2025	NA	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	318
STKP04	02/24/2025	NA	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	329

Notes:

NE: Closure Criteria Not Established

bgs: below ground surface

mg/kg: milligrams per kilogram

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Text in ""grey"" represents excavated soil samples

Concentrations in **bold** exceed the NMOCD Table I Closure Criteria and/or Reclamation Standard¹ for Soils Impacted by a Release¹ 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.

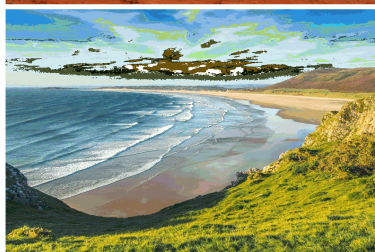
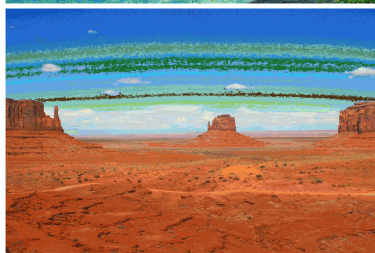
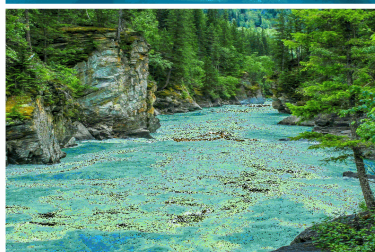
APPENDIX E

Laboratory Analytical Reports & Chain-of-Custody Documentation

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



Report to:
Erick Herrera



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: FLAGLER 8 CTB 1

Work Order: E501170

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: E501170
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,

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Cell: 775-287-1762
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Sample Summary

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Erick Herrera	01/28/25 17:11

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS01 2'	E501170-01A	Soil	01/22/25	01/24/25	Glass Jar, 2 oz.
FS02 2'	E501170-02A	Soil	01/22/25	01/24/25	Glass Jar, 2 oz.
FS03 2'	E501170-03A	Soil	01/22/25	01/24/25	Glass Jar, 2 oz.
FS04 2'	E501170-04A	Soil	01/22/25	01/24/25	Glass Jar, 2 oz.
FS05 4'	E501170-05A	Soil	01/22/25	01/24/25	Glass Jar, 2 oz.
FS06 4'	E501170-06A	Soil	01/22/25	01/24/25	Glass Jar, 2 oz.
FS07 4'	E501170-07A	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 5:11:38PM
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FS01 2'

E501170-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504117
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>		95.5 %	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>		94.5 %	70-130	01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504117
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/24/25	01/26/25	
<i>Surrogate: Bromofluorobenzene</i>		95.5 %	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>		94.5 %	70-130	01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2504125
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	
<i>Surrogate: n-Nonane</i>		107 %	50-200	01/24/25	01/25/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2505009
Chloride	ND	20.0	1	01/27/25	01/27/25	



Sample Data

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

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

Reported:
1/28/2025 5:11:38PM

FS02 2'

E501170-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504117
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	95.3 %	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	94.6 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504117
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene	95.3 %	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	94.6 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2504125
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: JM		Batch: 2505009
Chloride	20.5	20.0	1	01/27/25	01/27/25	



Sample Data

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

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

Reported:
1/28/2025 5:11:38PM

FS03 2'

E501170-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504117
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	96.9 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504117
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	96.9 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2504125
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: JM		Batch: 2505009
Chloride	22.2	20.0	1	01/27/25	01/27/25	



Sample Data

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

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

Reported:
1/28/2025 5:11:38PM

FS04 2'

E501170-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504117
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	102 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8	99.8 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504117
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	102 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8	99.8 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2504125
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	103 %	50-200		01/24/25	01/25/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2505009
Chloride	21.9	20.0	1	01/27/25	01/27/25	



Sample Data

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

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

Reported:
1/28/2025 5:11:38PM

FS05 4'

E501170-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504117
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	97.8 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8	94.1 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504117
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	97.8 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8	94.1 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2504125
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	105 %	50-200		01/24/25	01/25/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2505009
Chloride	67.8	20.0	1	01/27/25	01/27/25	



Sample Data

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

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

Reported:
1/28/2025 5:11:38PM

FS06 4'

E501170-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504117
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	99.2 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8	96.9 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504117
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	99.2 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8	96.9 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2504125
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	97.0 %	50-200		01/24/25	01/25/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2505009
Chloride	73.6	20.0	1	01/27/25	01/27/25	



Sample Data

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

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

Reported:
1/28/2025 5:11:38PM

FS07 4'

E501170-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504117
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	94.6 %	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	95.9 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504117
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene	94.6 %	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	95.9 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2504125
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: JM		Batch: 2505009
Chloride	74.8	20.0	1	01/27/25	01/27/25	



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:	Erick Herrera	1/28/2025 5:11:38PM

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 (2504117-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	0.488		0.500		97.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.510		0.500		102	70-130			
Surrogate: Toluene-d8	0.481		0.500		96.2	70-130			

LCS (2504117-BS1)

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

Benzene	2.68	0.0250	2.50		107	70-130			
Ethylbenzene	2.43	0.0250	2.50		97.1	70-130			
Toluene	2.43	0.0250	2.50		97.3	70-130			
o-Xylene	2.31	0.0250	2.50		92.4	70-130			
p,m-Xylene	4.65	0.0500	5.00		93.1	70-130			
Total Xylenes	6.96	0.0250	7.50		92.8	70-130			
Surrogate: Bromofluorobenzene	0.494		0.500		98.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.504		0.500		101	70-130			
Surrogate: Toluene-d8	0.478		0.500		95.5	70-130			

LCS Dup (2504117-BSD1)

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

Benzene	2.68	0.0250	2.50		107	70-130	0.0561	23	
Ethylbenzene	2.43	0.0250	2.50		97.3	70-130	0.165	27	
Toluene	2.42	0.0250	2.50		96.8	70-130	0.556	24	
o-Xylene	2.29	0.0250	2.50		91.5	70-130	1.02	27	
p,m-Xylene	4.58	0.0500	5.00		91.6	70-130	1.54	27	
Total Xylenes	6.87	0.0250	7.50		91.6	70-130	1.37	27	
Surrogate: Bromofluorobenzene	0.490		0.500		98.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.516		0.500		103	70-130			
Surrogate: Toluene-d8	0.472		0.500		94.4	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Erick Herrera	1/28/2025 5:11:38PM

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 (2504117-BLK1) Prepared: 01/24/25 Analyzed: 01/26/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.488		0.500		97.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.510		0.500		102	70-130			
Surrogate: Toluene-d8	0.481		0.500		96.2	70-130			

LCS (2504117-BS2) Prepared: 01/24/25 Analyzed: 01/26/25

Gasoline Range Organics (C6-C10)	50.5	20.0	50.0		101	70-130			
Surrogate: Bromofluorobenzene	0.498		0.500		99.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.506		0.500		101	70-130			
Surrogate: Toluene-d8	0.483		0.500		96.6	70-130			

LCS Dup (2504117-BSD2) Prepared: 01/24/25 Analyzed: 01/26/25

Gasoline Range Organics (C6-C10)	50.3	20.0	50.0		101	70-130	0.397	20	
Surrogate: Bromofluorobenzene	0.492		0.500		98.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.521		0.500		104	70-130			
Surrogate: Toluene-d8	0.486		0.500		97.2	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	1/28/2025 5:11:38PM

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 (2504125-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	62.3		50.0		125	50-200			

LCS (2504125-BS1)					Prepared: 01/24/25 Analyzed: 01/24/25				
Diesel Range Organics (C10-C28)	278	25.0	250		111	38-132			
Surrogate: n-Nonane	52.6		50.0		105	50-200			

Matrix Spike (2504125-MS1)					Source: E501170-01		Prepared: 01/24/25 Analyzed: 01/24/25		
Diesel Range Organics (C10-C28)	284	25.0	250	ND	114	38-132			
Surrogate: n-Nonane	53.7		50.0		107	50-200			

Matrix Spike Dup (2504125-MSD1)					Source: E501170-01		Prepared: 01/24/25 Analyzed: 01/24/25		
Diesel Range Organics (C10-C28)	282	25.0	250	ND	113	38-132	0.656	20	
Surrogate: n-Nonane	53.9		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 5:11:38PM

Anions by EPA 300.0/9056A

Analyst: JM

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

Blank (2505009-BLK1)					Prepared: 01/27/25 Analyzed: 01/27/25				
Chloride	ND	20.0							
LCS (2505009-BS1)					Prepared: 01/27/25 Analyzed: 01/27/25				
Chloride	254	20.0	250		101	90-110			
Matrix Spike (2505009-MS1)					Source: E501182-02		Prepared: 01/27/25 Analyzed: 01/27/25		
Chloride	985	20.0	250	742	97.3	80-120			
Matrix Spike Dup (2505009-MSD1)					Source: E501182-02		Prepared: 01/27/25 Analyzed: 01/27/25		
Chloride	994	20.0	250	742	101	80-120	0.872	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 17:11

- 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		Lab WO# E501170		Job Number D1058007		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Erick Herrera				Address: 5315 Buena Vista Dr.									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: NAPP2328556508											
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Depth (ft.)	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	GDGC TX	Remarks	
14:00	01.22.25	S	1	FS01	1	2'						X			
14:05	01.22.25	S	1	FS02	2	2'						X			
14:10	01.22.25	S	1	FS03	3	2'						X			
14:15	01.22.25	S	1	FS04	4	2'						X			
14:20	01.22.25	S	1	FS05	5	4'						X			
14:25	01.22.25	S	1	FS06	6	4'						X			
14:30	01.22.25	S	1	FS07	7	4'						X			
01/23/2025															
Additional Instructions:															
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: EK															
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	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.							
<i>[Signature]</i>		01/23/25	09:00	Michelle Gonzales		1-23-25	0900	Lab Use Only Received on ice: (Y) 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	Cathy Man		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.															



envirotech

Envirotech Analytical Laboratory

Printed: 1/24/2025 8:59:04AM

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:	E501170
Phone:	(575) 748-0176	Date Logged In:	01/23/25 13:36	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

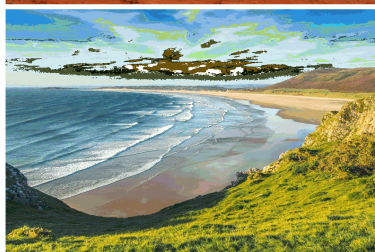
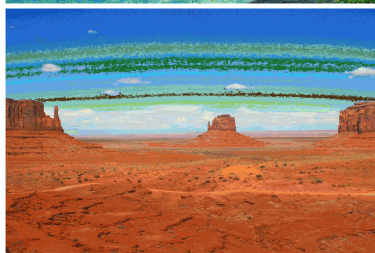
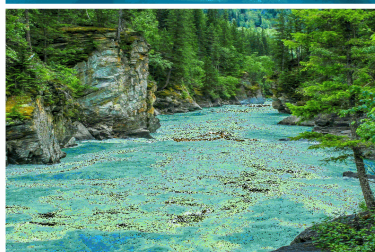
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
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: E501183

Job Number: 01058-0007

Received: 1/27/2025

Revision: 3

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/6/25

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

Date Reported: 3/6/25



Erick Herrera
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: FLAGLER 8 CTB 1
Workorder: E501183
Date Received: 1/27/2025 7:00:00AM

Erick Herrera,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/27/2025 7:00:00AM, under the Project Name: FLAGLER 8 CTB 1.

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

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

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

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

Respectfully,

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

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:	Erick Herrera	03/06/25 09:32

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS08 4'	E501183-01A	Soil	01/23/25	01/27/25	Glass Jar, 2 oz.
FS09 4'	E501183-02A	Soil	01/23/25	01/27/25	Glass Jar, 2 oz.
FS10 4'	E501183-03A	Soil	01/23/25	01/27/25	Glass Jar, 2 oz.
FS11 4'	E501183-04A	Soil	01/23/25	01/27/25	Glass Jar, 2 oz.
FS12 4'	E501183-05A	Soil	01/23/25	01/27/25	Glass Jar, 2 oz.
FS13 4'	E501183-06A	Soil	01/23/25	01/27/25	Glass Jar, 2 oz.
FS14 4'	E501183-07A	Soil	01/23/25	01/27/25	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: FLAGLER 8 CTB 1 Project Number: 01058-0007 Project Manager: Erick Herrera	Reported: 3/6/2025 9:32:16AM
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FS08 4'

E501183-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2505005	
Benzene	ND	0.0250	1	01/27/25	01/27/25	
Ethylbenzene	ND	0.0250	1	01/27/25	01/27/25	
Toluene	ND	0.0250	1	01/27/25	01/27/25	
o-Xylene	ND	0.0250	1	01/27/25	01/27/25	
p,m-Xylene	ND	0.0500	1	01/27/25	01/27/25	
Total Xylenes	ND	0.0250	1	01/27/25	01/27/25	
Surrogate: 4-Bromochlorobenzene-PID	91.6 %	70-130		01/27/25	01/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2505005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/27/25	01/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID	90.5 %	70-130		01/27/25	01/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF		Batch: 2505008	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/27/25	01/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/27/25	01/28/25	
Surrogate: n-Nonane	98.0 %	61-141		01/27/25	01/28/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2505023	
Chloride	ND	20.0	1	01/27/25	01/28/25	



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: 3/6/2025 9:32:16AM
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FS09 4'

E501183-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2505005	
Benzene	ND	0.0250	1	01/27/25	01/27/25	
Ethylbenzene	ND	0.0250	1	01/27/25	01/27/25	
Toluene	ND	0.0250	1	01/27/25	01/27/25	
o-Xylene	ND	0.0250	1	01/27/25	01/27/25	
p,m-Xylene	ND	0.0500	1	01/27/25	01/27/25	
Total Xylenes	ND	0.0250	1	01/27/25	01/27/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.2 %	70-130		01/27/25	01/27/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2505005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/27/25	01/27/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.3 %	70-130		01/27/25	01/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: AF		Batch: 2505008	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/27/25	01/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/27/25	01/28/25	
<i>Surrogate: n-Nonane</i>						
	103 %	61-141		01/27/25	01/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2505023	
Chloride	ND	20.0	1	01/27/25	01/28/25	



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:
3/6/2025 9:32:16AM

FS10 4'

E501183-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2505005	
Benzene	ND	0.0250	1	01/27/25	01/27/25	
Ethylbenzene	ND	0.0250	1	01/27/25	01/27/25	
Toluene	ND	0.0250	1	01/27/25	01/27/25	
o-Xylene	ND	0.0250	1	01/27/25	01/27/25	
p,m-Xylene	ND	0.0500	1	01/27/25	01/27/25	
Total Xylenes	ND	0.0250	1	01/27/25	01/27/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.8 %	70-130		01/27/25	01/27/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2505005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/27/25	01/27/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.5 %	70-130		01/27/25	01/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: AF		Batch: 2505008	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/27/25	01/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/27/25	01/28/25	
<i>Surrogate: n-Nonane</i>						
	101 %	61-141		01/27/25	01/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2505023	
Chloride	ND	20.0	1	01/27/25	01/28/25	



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:
3/6/2025 9:32:16AM

FS11 4'

E501183-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2505005	
Benzene	ND	0.0250	1	01/27/25	01/27/25	
Ethylbenzene	ND	0.0250	1	01/27/25	01/27/25	
Toluene	ND	0.0250	1	01/27/25	01/27/25	
o-Xylene	ND	0.0250	1	01/27/25	01/27/25	
p,m-Xylene	ND	0.0500	1	01/27/25	01/27/25	
Total Xylenes	ND	0.0250	1	01/27/25	01/27/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.2 %	70-130		01/27/25	01/27/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2505005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/27/25	01/27/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.8 %	70-130		01/27/25	01/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: AF		Batch: 2505008	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/27/25	01/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/27/25	01/28/25	
<i>Surrogate: n-Nonane</i>						
	104 %	61-141		01/27/25	01/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2505023	
Chloride	ND	20.0	1	01/27/25	01/28/25	



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: 3/6/2025 9:32:16AM
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FS12 4'

E501183-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2505005	
Benzene	ND	0.0250	1	01/27/25	01/27/25	
Ethylbenzene	ND	0.0250	1	01/27/25	01/27/25	
Toluene	ND	0.0250	1	01/27/25	01/27/25	
o-Xylene	ND	0.0250	1	01/27/25	01/27/25	
p,m-Xylene	ND	0.0500	1	01/27/25	01/27/25	
Total Xylenes	ND	0.0250	1	01/27/25	01/27/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.5 %	70-130		01/27/25	01/27/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2505005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/27/25	01/27/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.8 %	70-130		01/27/25	01/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: AF		Batch: 2505008	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/27/25	01/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/27/25	01/28/25	
<i>Surrogate: n-Nonane</i>						
	104 %	61-141		01/27/25	01/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2505023	
Chloride	ND	20.0	1	01/27/25	01/28/25	



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:
3/6/2025 9:32:16AM

FS13 4'

E501183-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2505005	
Benzene	ND	0.0250	1	01/27/25	01/27/25	
Ethylbenzene	ND	0.0250	1	01/27/25	01/27/25	
Toluene	ND	0.0250	1	01/27/25	01/27/25	
o-Xylene	ND	0.0250	1	01/27/25	01/27/25	
p,m-Xylene	ND	0.0500	1	01/27/25	01/27/25	
Total Xylenes	ND	0.0250	1	01/27/25	01/27/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.8 %	70-130		01/27/25	01/27/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2505005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/27/25	01/27/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.8 %	70-130		01/27/25	01/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: AF		Batch: 2505008	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/27/25	01/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/27/25	01/28/25	
<i>Surrogate: n-Nonane</i>						
	100 %	61-141		01/27/25	01/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2505023	
Chloride	ND	20.0	1	01/27/25	01/28/25	



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: 3/6/2025 9:32:16AM
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FS14 4'

E501183-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2505005	
Benzene	ND	0.0250	1	01/27/25	01/27/25	
Ethylbenzene	ND	0.0250	1	01/27/25	01/27/25	
Toluene	ND	0.0250	1	01/27/25	01/27/25	
o-Xylene	ND	0.0250	1	01/27/25	01/27/25	
p,m-Xylene	ND	0.0500	1	01/27/25	01/27/25	
Total Xylenes	ND	0.0250	1	01/27/25	01/27/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.7 %	70-130		01/27/25	01/27/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2505005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/27/25	01/27/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.5 %	70-130		01/27/25	01/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: AF		Batch: 2505008	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/27/25	01/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/27/25	01/28/25	
<i>Surrogate: n-Nonane</i>						
	104 %	61-141		01/27/25	01/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2505023	
Chloride	ND	20.0	1	01/27/25	01/28/25	



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	3/6/2025 9:32:16AM

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 (2505005-BLK1)

Prepared: 01/27/25 Analyzed: 01/27/25

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	6.61		8.00		82.7	70-130			

LCS (2505005-BS1)

Prepared: 01/27/25 Analyzed: 01/27/25

Benzene	4.42	0.0250	5.00		88.5	70-130			
Ethylbenzene	4.37	0.0250	5.00		87.4	70-130			
Toluene	4.49	0.0250	5.00		89.8	70-130			
o-Xylene	4.38	0.0250	5.00		87.6	70-130			
p,m-Xylene	8.94	0.0500	10.0		89.4	70-130			
Total Xylenes	13.3	0.0250	15.0		88.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.44		8.00		93.0	70-130			

Matrix Spike (2505005-MS1)

Source: E501183-03

Prepared: 01/27/25 Analyzed: 01/27/25

Benzene	5.33	0.0250	5.00	ND	107	54-133			
Ethylbenzene	5.25	0.0250	5.00	ND	105	61-133			
Toluene	5.33	0.0250	5.00	ND	107	61-130			
o-Xylene	5.24	0.0250	5.00	ND	105	63-131			
p,m-Xylene	10.7	0.0500	10.0	ND	107	63-131			
Total Xylenes	15.9	0.0250	15.0	ND	106	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.18		8.00		89.7	70-130			

Matrix Spike Dup (2505005-MSD1)

Source: E501183-03

Prepared: 01/27/25 Analyzed: 01/27/25

Benzene	4.80	0.0250	5.00	ND	96.0	54-133	10.4	20	
Ethylbenzene	4.75	0.0250	5.00	ND	95.0	61-133	9.97	20	
Toluene	4.82	0.0250	5.00	ND	96.4	61-130	10.1	20	
o-Xylene	4.77	0.0250	5.00	ND	95.4	63-131	9.34	20	
p,m-Xylene	9.69	0.0500	10.0	ND	96.9	63-131	9.79	20	
Total Xylenes	14.5	0.0250	15.0	ND	96.4	63-131	9.64	20	
Surrogate: 4-Bromochlorobenzene-PID	7.56		8.00		94.5	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Erick Herrera	3/6/2025 9:32:16AM

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 (2505005-BLK1) Prepared: 01/27/25 Analyzed: 01/27/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.47		8.00		93.4	70-130			

LCS (2505005-BS2) Prepared: 01/27/25 Analyzed: 01/27/25

Gasoline Range Organics (C6-C10)	49.7	20.0	50.0		99.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.41		8.00		92.6	70-130			

Matrix Spike (2505005-MS2) Source: E501183-03 Prepared: 01/27/25 Analyzed: 01/28/25

Gasoline Range Organics (C6-C10)	44.3	20.0	50.0	ND	88.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.59		8.00		94.8	70-130			

Matrix Spike Dup (2505005-MSD2) Source: E501183-03 Prepared: 01/27/25 Analyzed: 01/27/25

Gasoline Range Organics (C6-C10)	48.9	20.0	50.0	ND	97.9	70-130	9.90	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.42		8.00		92.7	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:	Erick Herrera	3/6/2025 9:32:16AM

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 (2505008-BLK1)					Prepared: 01/27/25 Analyzed: 01/28/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.1		50.0		98.2	50-200			

LCS (2505008-BS1)					Prepared: 01/27/25 Analyzed: 01/28/25				
Diesel Range Organics (C10-C28)	274	25.0	250		110	38-132			
Surrogate: n-Nonane	51.7		50.0		103	50-200			

Matrix Spike (2505008-MS1)					Source: E501181-04		Prepared: 01/27/25 Analyzed: 01/28/25		
Diesel Range Organics (C10-C28)	258	25.0	250	ND	103	38-132			
Surrogate: n-Nonane	51.0		50.0		102	50-200			

Matrix Spike Dup (2505008-MSD1)					Source: E501181-04		Prepared: 01/27/25 Analyzed: 01/28/25		
Diesel Range Organics (C10-C28)	270	25.0	250	ND	108	38-132	4.67	20	
Surrogate: n-Nonane	52.6		50.0		105	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	3/6/2025 9:32:16AM

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 (2505023-BLK1)					Prepared: 01/27/25 Analyzed: 01/27/25				
Chloride	ND	20.0							
LCS (2505023-BS1)					Prepared: 01/27/25 Analyzed: 01/27/25				
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2505023-MS1)					Source: E501173-03		Prepared: 01/27/25 Analyzed: 01/27/25		
Chloride	4010	100	250	6920	NR	80-120			M4
Matrix Spike Dup (2505023-MSD1)					Source: E501173-03		Prepared: 01/27/25 Analyzed: 01/27/25		
Chloride	3720	100	250	6920	NR	80-120	7.58	20	M4

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



Definitions and Notes

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	03/06/25 09:32

- 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.



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.		E501183		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											State						
Phone: 432-305-6414				Email: jim.raley@dnv.com		Depth (ft.)		TPH GRO/DRO/ORO by 8015		BTEX by 8021		VOC by 8260		Metals 6010		Chloride 300.0		BGDOC NM		TXL GDOC	
Email: Devon-team@etechenv.com				WO: 21179750																	
Collected by: Edyte Konan				Incident ID: NAPP2328556508																	
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	TXL GDOC	Remarks							
14:00	01.23.25	S	1	FS08	1	2'						X									
14:05	01.23.25	S	1	FS09	2	2'						X									
14:10	01.23.25	S	1	FS10	3	2'						X									
14:15	01.23.25	S	1	FS11	4	2'						X									
14:20	01.23.25	S	1	FS12	5	4'						X									
14:25	01.23.25	S	1	FS13	6	4'						X									
14:30	01.23.25	S	1	FS14	7	4'						X									
D11 2412025																					
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									
<i>[Signature]</i>		01/24/25		12:40		<i>Michelle Gonzales</i>		1-24-25		1240		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									
<i>Michelle Gonzales</i>		1-24-25		1545		<i>[Signature]</i>		1-24-25		1600											
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		AVG Temp °C									
<i>[Signature]</i>		1-24-25		2300		<i>Noe Soto</i>		1-27-25		0700		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: 1/27/2025 11:04:01AM

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:	01/27/25 07:00	Work Order ID:	E501183
Phone:	(575) 748-0176	Date Logged In:	01/24/25 15:23	Logged In By:	Caitlin Mars
Email:		Due Date:	01/31/25 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.

Project Information

Chain of Custody

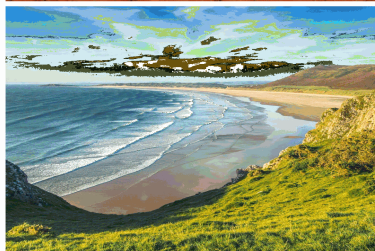
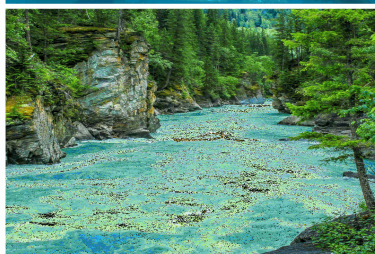
Page 1 of 1

Client: Devon Energy Production Co LP				Bill To		Lab Use Only				TAT				EPA Program				
Project: FLAGLER 8 CTB 1				Attention: Jim Raley		Lab WO#		Job Number		1D	2D	3D	Standard	CWA	SDWA			
Project Manager: Erick Herrera				Address: 5315 Buena Vista Dr.		E501183		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														
Collected by: Edyte Konan				Incident ID: NAPP2328556508														
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				
14:00	01.23.25	S	1	FS08	4'	1						X		Changed Depth per EK.				
14:05	01.23.25	S	1	FS09	4'	2						X		NS 3-6-25				
14:10	01.23.25	S	1	FS10	4'	3						X						
14:15	01.23.25	S	1	FS11	4'	4						X						
14:20	01.23.25	S	1	FS12		5						X						
14:25	01.23.25	S	1	FS13		6						X						
14:30	01.23.25	S	1	FS14		7						X						
D112412025																		
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: <u>EK</u>																		
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only										
<u>[Signature]</u>		01/24/25	12:40	<u>Michelle Gonzales</u>		1/24/25	1240	Received on ice: <u>Y</u> / N										
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 _____ T2 _____ T3 _____										
<u>Michelle Gonzales</u>		1-24-25	1545	<u>[Signature]</u>		1.24.25	1600											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	AVG Temp °C <u>4</u>										
<u>[Signature]</u>		1.24.25	2300	<u>Noe Soto</u>		1-27-25	0700											
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

Report to:
Erick Herrera



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: FLAGLER 8 CTB 1

Work Order: E501184

Job Number: 01058-0007

Received: 1/27/2025

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/6/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 3/6/25



Erick Herrera
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: FLAGLER 8 CTB 1
Workorder: E501184
Date Received: 1/27/2025 7:00:00AM

Erick Herrera,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/27/2025 7:00:00AM, under the Project Name: FLAGLER 8 CTB 1.

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

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

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

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

Respectfully,

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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: 03/06/25 09:35
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW01 0-4'	E501184-01A	Soil	01/23/25	01/27/25	Glass Jar, 2 oz.
SW02 0-4'	E501184-02A	Soil	01/23/25	01/27/25	Glass Jar, 2 oz.
SW03 0-4'	E501184-03A	Soil	01/23/25	01/27/25	Glass Jar, 2 oz.
SW04 0-4'	E501184-04A	Soil	01/23/25	01/27/25	Glass Jar, 2 oz.
SW05 0-4'	E501184-05A	Soil	01/23/25	01/27/25	Glass Jar, 2 oz.
SW06 0-2'	E501184-06A	Soil	01/23/25	01/27/25	Glass Jar, 2 oz.
SW07 0-2'	E501184-07A	Soil	01/23/25	01/27/25	Glass Jar, 2 oz.
SW08 0-2'	E501184-08A	Soil	01/23/25	01/27/25	Glass Jar, 2 oz.
SW09 2-4'	E501184-09A	Soil	01/23/25	01/27/25	Glass Jar, 2 oz.
SW10 0-4'	E501184-10A	Soil	01/23/25	01/27/25	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported: 3/6/2025 9:35:27AM
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Erick Herrera	

SW01 0-4'

E501184-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2505005	
Benzene	ND	0.0250	1	01/27/25	01/27/25	
Ethylbenzene	ND	0.0250	1	01/27/25	01/27/25	
Toluene	ND	0.0250	1	01/27/25	01/27/25	
o-Xylene	ND	0.0250	1	01/27/25	01/27/25	
p,m-Xylene	ND	0.0500	1	01/27/25	01/27/25	
Total Xylenes	ND	0.0250	1	01/27/25	01/27/25	
Surrogate: 4-Bromochlorobenzene-PID	89.0 %	70-130		01/27/25	01/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2505005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/27/25	01/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID	92.5 %	70-130		01/27/25	01/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2505019	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/27/25	01/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/27/25	01/28/25	
Surrogate: n-Nonane	105 %	50-200		01/27/25	01/28/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2505024	
Chloride	207	20.0	1	01/27/25	01/27/25	



Sample Data

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

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

Reported:
3/6/2025 9:35:27AM

SW02 0-4'

E501184-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2505005	
Benzene	ND	0.0250	1	01/27/25	01/27/25	
Ethylbenzene	ND	0.0250	1	01/27/25	01/27/25	
Toluene	ND	0.0250	1	01/27/25	01/27/25	
o-Xylene	ND	0.0250	1	01/27/25	01/27/25	
p,m-Xylene	ND	0.0500	1	01/27/25	01/27/25	
Total Xylenes	ND	0.0250	1	01/27/25	01/27/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.5 %	70-130		01/27/25	01/27/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2505005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/27/25	01/27/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.2 %	70-130		01/27/25	01/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2505019	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/27/25	01/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/27/25	01/28/25	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		01/27/25	01/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2505024	
Chloride	221	20.0	1	01/27/25	01/27/25	



Sample Data

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

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

Reported:
3/6/2025 9:35:27AM

SW03 0-4'

E501184-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2505005	
Benzene	ND	0.0250	1	01/27/25	01/27/25	
Ethylbenzene	ND	0.0250	1	01/27/25	01/27/25	
Toluene	ND	0.0250	1	01/27/25	01/27/25	
o-Xylene	ND	0.0250	1	01/27/25	01/27/25	
p,m-Xylene	ND	0.0500	1	01/27/25	01/27/25	
Total Xylenes	ND	0.0250	1	01/27/25	01/27/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.0 %	70-130		01/27/25	01/27/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2505005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/27/25	01/27/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.9 %	70-130		01/27/25	01/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2505019	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/27/25	01/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/27/25	01/28/25	
<i>Surrogate: n-Nonane</i>						
	102 %	50-200		01/27/25	01/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2505024	
Chloride	ND	20.0	1	01/27/25	01/27/25	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: FLAGLER 8 CTB 1 Project Number: 01058-0007 Project Manager: Erick Herrera	Reported: 3/6/2025 9:35:27AM
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SW04 0-4'
E501184-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2505005	
Benzene	ND	0.0250	1	01/27/25	01/27/25	
Ethylbenzene	ND	0.0250	1	01/27/25	01/27/25	
Toluene	ND	0.0250	1	01/27/25	01/27/25	
o-Xylene	ND	0.0250	1	01/27/25	01/27/25	
p,m-Xylene	ND	0.0500	1	01/27/25	01/27/25	
Total Xylenes	ND	0.0250	1	01/27/25	01/27/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.0 %	70-130		01/27/25	01/27/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2505005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/27/25	01/27/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.1 %	70-130		01/27/25	01/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2505019	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/27/25	01/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/27/25	01/28/25	
<i>Surrogate: n-Nonane</i>						
	104 %	50-200		01/27/25	01/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2505024	
Chloride	ND	20.0	1	01/27/25	01/27/25	



Sample Data

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

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

Reported:
3/6/2025 9:35:27AM

SW05 0-4'

E501184-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2505005	
Benzene	ND	0.0250	1	01/27/25	01/27/25	
Ethylbenzene	ND	0.0250	1	01/27/25	01/27/25	
Toluene	ND	0.0250	1	01/27/25	01/27/25	
o-Xylene	ND	0.0250	1	01/27/25	01/27/25	
p,m-Xylene	ND	0.0500	1	01/27/25	01/27/25	
Total Xylenes	ND	0.0250	1	01/27/25	01/27/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.2 %	70-130		01/27/25	01/27/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2505005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/27/25	01/27/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.6 %	70-130		01/27/25	01/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2505019	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/27/25	01/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/27/25	01/28/25	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		01/27/25	01/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2505024	
Chloride	ND	20.0	1	01/27/25	01/27/25	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: FLAGLER 8 CTB 1 Project Number: 01058-0007 Project Manager: Erick Herrera	Reported: 3/6/2025 9:35:27AM
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SW06 0-2'
E501184-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2505005	
Benzene	ND	0.0250	1	01/27/25	01/27/25	
Ethylbenzene	ND	0.0250	1	01/27/25	01/27/25	
Toluene	ND	0.0250	1	01/27/25	01/27/25	
o-Xylene	ND	0.0250	1	01/27/25	01/27/25	
p,m-Xylene	ND	0.0500	1	01/27/25	01/27/25	
Total Xylenes	ND	0.0250	1	01/27/25	01/27/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.9 %	70-130		01/27/25	01/27/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2505005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/27/25	01/27/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.3 %	70-130		01/27/25	01/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2505019	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/27/25	01/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/27/25	01/28/25	
<i>Surrogate: n-Nonane</i>						
	97.3 %	50-200		01/27/25	01/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2505024	
Chloride	ND	20.0	1	01/27/25	01/27/25	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: FLAGLER 8 CTB 1 Project Number: 01058-0007 Project Manager: Erick Herrera	Reported: 3/6/2025 9:35:27AM
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SW07 0-2'
E501184-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2505005	
Benzene	ND	0.0250	1	01/27/25	01/27/25	
Ethylbenzene	ND	0.0250	1	01/27/25	01/27/25	
Toluene	ND	0.0250	1	01/27/25	01/27/25	
o-Xylene	ND	0.0250	1	01/27/25	01/27/25	
p,m-Xylene	ND	0.0500	1	01/27/25	01/27/25	
Total Xylenes	ND	0.0250	1	01/27/25	01/27/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.0 %	70-130		01/27/25	01/27/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2505005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/27/25	01/27/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.2 %	70-130		01/27/25	01/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2505019	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/27/25	01/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/27/25	01/28/25	
<i>Surrogate: n-Nonane</i>						
	96.2 %	50-200		01/27/25	01/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2505024	
Chloride	ND	20.0	1	01/27/25	01/27/25	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: FLAGLER 8 CTB 1 Project Number: 01058-0007 Project Manager: Erick Herrera	Reported: 3/6/2025 9:35:27AM
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SW08 0-2'
E501184-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2505005	
Benzene	ND	0.0250	1	01/27/25	01/27/25	
Ethylbenzene	ND	0.0250	1	01/27/25	01/27/25	
Toluene	ND	0.0250	1	01/27/25	01/27/25	
o-Xylene	ND	0.0250	1	01/27/25	01/27/25	
p,m-Xylene	ND	0.0500	1	01/27/25	01/27/25	
Total Xylenes	ND	0.0250	1	01/27/25	01/27/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.4 %	70-130		01/27/25	01/27/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2505005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/27/25	01/27/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.1 %	70-130		01/27/25	01/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2505019	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/27/25	01/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/27/25	01/28/25	
<i>Surrogate: n-Nonane</i>						
	97.3 %	50-200		01/27/25	01/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2505024	
Chloride	ND	20.0	1	01/27/25	01/27/25	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: FLAGLER 8 CTB 1 Project Number: 01058-0007 Project Manager: Erick Herrera	Reported: 3/6/2025 9:35:27AM
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SW09 2-4'
E501184-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2505005	
Benzene	ND	0.0250	1	01/27/25	01/27/25	
Ethylbenzene	ND	0.0250	1	01/27/25	01/27/25	
Toluene	ND	0.0250	1	01/27/25	01/27/25	
o-Xylene	ND	0.0250	1	01/27/25	01/27/25	
p,m-Xylene	ND	0.0500	1	01/27/25	01/27/25	
Total Xylenes	ND	0.0250	1	01/27/25	01/27/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.2 %	70-130		01/27/25	01/27/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2505005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/27/25	01/27/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.9 %	70-130		01/27/25	01/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2505019	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/27/25	01/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/27/25	01/28/25	
<i>Surrogate: n-Nonane</i>						
	105 %	50-200		01/27/25	01/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2505024	
Chloride	ND	20.0	1	01/27/25	01/27/25	



Sample Data

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

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

Reported:
3/6/2025 9:35:27AM

SW10 0-4'

E501184-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2505005	
Benzene	ND	0.0250	1	01/27/25	01/27/25	
Ethylbenzene	ND	0.0250	1	01/27/25	01/27/25	
Toluene	ND	0.0250	1	01/27/25	01/27/25	
o-Xylene	ND	0.0250	1	01/27/25	01/27/25	
p,m-Xylene	ND	0.0500	1	01/27/25	01/27/25	
Total Xylenes	ND	0.0250	1	01/27/25	01/27/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.9 %	70-130		01/27/25	01/27/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2505005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/27/25	01/27/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.8 %	70-130		01/27/25	01/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2505019	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/27/25	01/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/27/25	01/28/25	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		01/27/25	01/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2505024	
Chloride	ND	20.0	1	01/27/25	01/27/25	



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:	Erick Herrera	3/6/2025 9:35:27AM

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 (2505005-BLK1) Prepared: 01/27/25 Analyzed: 01/27/25

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	6.61		8.00		82.7	70-130			

LCS (2505005-BS1) Prepared: 01/27/25 Analyzed: 01/27/25

Benzene	4.42	0.0250	5.00		88.5	70-130			
Ethylbenzene	4.37	0.0250	5.00		87.4	70-130			
Toluene	4.49	0.0250	5.00		89.8	70-130			
o-Xylene	4.38	0.0250	5.00		87.6	70-130			
p,m-Xylene	8.94	0.0500	10.0		89.4	70-130			
Total Xylenes	13.3	0.0250	15.0		88.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.44		8.00		93.0	70-130			

Matrix Spike (2505005-MS1) Source: E501183-03 Prepared: 01/27/25 Analyzed: 01/27/25

Benzene	5.33	0.0250	5.00	ND	107	54-133			
Ethylbenzene	5.25	0.0250	5.00	ND	105	61-133			
Toluene	5.33	0.0250	5.00	ND	107	61-130			
o-Xylene	5.24	0.0250	5.00	ND	105	63-131			
p,m-Xylene	10.7	0.0500	10.0	ND	107	63-131			
Total Xylenes	15.9	0.0250	15.0	ND	106	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.18		8.00		89.7	70-130			

Matrix Spike Dup (2505005-MSD1) Source: E501183-03 Prepared: 01/27/25 Analyzed: 01/27/25

Benzene	4.80	0.0250	5.00	ND	96.0	54-133	10.4	20	
Ethylbenzene	4.75	0.0250	5.00	ND	95.0	61-133	9.97	20	
Toluene	4.82	0.0250	5.00	ND	96.4	61-130	10.1	20	
o-Xylene	4.77	0.0250	5.00	ND	95.4	63-131	9.34	20	
p,m-Xylene	9.69	0.0500	10.0	ND	96.9	63-131	9.79	20	
Total Xylenes	14.5	0.0250	15.0	ND	96.4	63-131	9.64	20	
Surrogate: 4-Bromochlorobenzene-PID	7.56		8.00		94.5	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Erick Herrera	3/6/2025 9:35:27AM

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 (2505005-BLK1) Prepared: 01/27/25 Analyzed: 01/27/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.47		8.00		93.4	70-130			

LCS (2505005-BS2) Prepared: 01/27/25 Analyzed: 01/27/25

Gasoline Range Organics (C6-C10)	49.7	20.0	50.0		99.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.41		8.00		92.6	70-130			

Matrix Spike (2505005-MS2) Source: E501183-03 Prepared: 01/27/25 Analyzed: 01/28/25

Gasoline Range Organics (C6-C10)	44.3	20.0	50.0	ND	88.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.59		8.00		94.8	70-130			

Matrix Spike Dup (2505005-MSD2) Source: E501183-03 Prepared: 01/27/25 Analyzed: 01/27/25

Gasoline Range Organics (C6-C10)	48.9	20.0	50.0	ND	97.9	70-130	9.90	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.42		8.00		92.7	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:	Erick Herrera	3/6/2025 9:35:27AM

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 (2505019-BLK1)					Prepared: 01/27/25 Analyzed: 01/28/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	53.4		50.0		107	50-200			

LCS (2505019-BS1)					Prepared: 01/27/25 Analyzed: 01/28/25				
Diesel Range Organics (C10-C28)	246	25.0	250		98.4	38-132			
Surrogate: n-Nonane	50.8		50.0		102	50-200			

Matrix Spike (2505019-MS1)					Source: E501184-06		Prepared: 01/27/25 Analyzed: 01/28/25		
Diesel Range Organics (C10-C28)	267	25.0	250	ND	107	38-132			
Surrogate: n-Nonane	53.7		50.0		107	50-200			

Matrix Spike Dup (2505019-MSD1)					Source: E501184-06		Prepared: 01/27/25 Analyzed: 01/28/25		
Diesel Range Organics (C10-C28)	259	25.0	250	ND	104	38-132	2.95	20	
Surrogate: n-Nonane	51.7		50.0		103	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	3/6/2025 9:35:27AM

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 (2505024-BLK1)					Prepared: 01/27/25 Analyzed: 01/27/25				
Chloride	ND	20.0							
LCS (2505024-BS1)					Prepared: 01/27/25 Analyzed: 01/27/25				
Chloride	251	20.0	250		101	90-110			
Matrix Spike (2505024-MS1)					Source: E501184-04		Prepared: 01/27/25 Analyzed: 01/27/25		
Chloride	261	20.0	250	ND	105	80-120			
Matrix Spike Dup (2505024-MSD1)					Source: E501184-04		Prepared: 01/27/25 Analyzed: 01/27/25		
Chloride	261	20.0	250	ND	104	80-120	0.0812	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	03/06/25 09:35

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



Project Information

Chain of Custody

Page 1 of 1

Client: Devon Energy Production Co LP				Bill To		Lab Use Only				TAT				EPA Program				
Project: FLAGLER 8 CTB 1				Attention: Jim Raley		Lab WO#		Job Number		1D	2D	3D	Standard	CWA	SDWA			
Project Manager: Erick Herrera				Address: 5315 Buena Vista Dr.		E501184		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	NM	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: nAPP2106147760														
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number									Remarks				
15:25	01.23.25	S	1	SW01	1	0-2'						X						
15:30	01.23.25	S	1	SW02	2	0-2'						X						
15:35	01.23.25	S	1	SW03	3	0-2'						X						
15:40	01.23.25	S	1	SW04	4	0-2'						X						
15:45	01.23.25	S	1	SW05	5	0-4'						X						
15:50	01.23.25	S	1	SW06	6	0-4'						X						
15:55	01.23.25	S	1	SW07	7	0-4'						X						
16:00	01.23.25	S	1	SW08	8	0-4'						X						
16:05	01.23.25	S	1	SW09	9	0-4'						X						
16:10	01.23.25	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>		01/24/25	12:40	Michelle Gonzales		1/24/25	1240	Received on ice: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N										
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 T2 T3										
Michelle Gonzales		1/24/25	1545	[Signature]		1.24.25	1600											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	AVG Temp °C										
[Signature]		1.24.25	2300	Noe Soto		1-27-25	0700	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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Envirotech Analytical Laboratory

Printed: 1/27/2025 11:12:29AM

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:	01/27/25 07:00	Work Order ID:	E501184
Phone:	(575) 748-0176	Date Logged In:	01/24/25 15:27	Logged In By:	Caitlin Mars
Email:		Due Date:	01/31/25 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.

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.		E501184		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/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	NM DOC	TX	GDOC	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 - NS 3-6-25				2328556508															
Collected by: Edyte Konan																			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Depth (ft.)	TPH GRO/DRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	NM DOC	TX	GDOC	Remarks				
15:25	01.23.25	S	1	SW01 0-4'	1	0-2'						X			Changed incident ID and sample				
15:30	01.23.25	S	1	SW02 0-4'	2	0-2'						X			depth's per EK.				
15:35	01.23.25	S	1	SW03 0-4'	3	0-2'						X			NS 3-6-25				
15:40	01.23.25	S	1	SW04 0-4'	4	0-2'						X							
15:45	01.23.25	S	1	SW05	5	0-4'						X							
15:50	01.23.25	S	1	SW06 0-2'	6	0-4'						X							
15:55	01.23.25	S	1	SW07 0-2'	7	0-4'						X							
16:00	01.23.25	S	1	SW08 0-2'	8	0-4'						X							
16:05	01.23.25	S	1	SW09 2-4'	9	0-4'						X							
16:10	01.23.25	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) <i>[Signature]</i> Date 01/24/25 Time 12:40										Received by: (Signature) <i>Michelle Gonzales</i> Date 1/24/25 Time 1240									
Relinquished by: (Signature) <i>Michelle Gonzales</i> Date 1-24-25 Time 1545										Received by: (Signature) <i>[Signature]</i> Date 1.24.25 Time 1600									
Relinquished by: (Signature) <i>[Signature]</i> Date 1-24-25 Time 2300										Received by: (Signature) <i>Noe Soto</i> Date 1-27-25 Time 0700									
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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Report to:
Anna Byers



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: FLAGLER 8 CTB 1

Work Order: E502245

Job Number: 01058-0007

Received: 2/26/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/4/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 3/4/25



Anna Byers
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: FLAGLER 8 CTB 1
Workorder: E502245
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	03/04/25 07:46

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS07 5'	E502245-01A	Soil	02/24/25	02/26/25	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: FLAGLER 8 CTB 1 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 3/4/2025 7:46:45AM
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FS07 5'

E502245-01

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	
Surrogate: 4-Bromochlorobenzene-PID	81.8 %	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	
Surrogate: 1-Chloro-4-fluorobenzene-FID	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	
Surrogate: n-Nonane	106 %	61-141		02/26/25	02/26/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2509069	
Chloride	222	20.0	1	02/26/25	02/26/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	3/4/2025 7:46:45AM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2509065-BLK1)

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

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

LCS (2509065-BS1)

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

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

Matrix Spike (2509065-MS1)

Source: E502243-01

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

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

Matrix Spike Dup (2509065-MSD1)

Source: E502243-01

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

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



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	3/4/2025 7:46:45AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

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

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

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

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

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

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

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

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



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	3/4/2025 7:46:45AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

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

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

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

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



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	3/4/2025 7:46:45AM

Anions by EPA 300.0/9056A

Analyst: AK

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

Blank (2509069-BLK1)					Prepared: 02/26/25 Analyzed: 02/26/25				
Chloride	ND	20.0							
LCS (2509069-BS1)					Prepared: 02/26/25 Analyzed: 02/26/25				
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2509069-MS1)					Source: E502242-03		Prepared: 02/26/25 Analyzed: 02/26/25		
Chloride	387	20.0	250	135	101	80-120			
Matrix Spike Dup (2509069-MSD1)					Source: E502242-03		Prepared: 02/26/25 Analyzed: 02/26/25		
Chloride	386	20.0	250	135	100	80-120	0.205	20	

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



Definitions and Notes

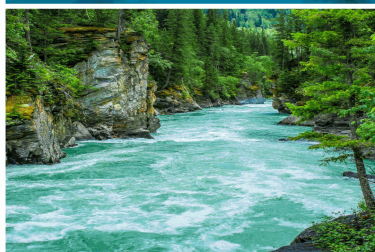
Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	03/04/25 07:46

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



envirotech

Report to:
Anna Byers



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: FLAGLER 8 CTB 1

Work Order: E502246

Job Number: 01058-0007

Received: 2/26/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/4/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 3/4/25



Anna Byers
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: FLAGLER 8 CTB 1
Workorder: E502246
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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QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	8
QC - Anions by EPA 300.0/9056A	9
Definitions and Notes	10
Chain of Custody etc.	11

Sample Summary

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	03/04/25 07:48

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS11 5'	E502246-01A	Soil	02/24/25	02/26/25	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: FLAGLER 8 CTB 1 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 3/4/2025 7:48:21AM
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FS11 5'
E502246-01

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	
Surrogate: 4-Bromochlorobenzene-PID	81.3 %	70-130		02/26/25	02/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2509065	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/26/25	02/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID	91.7 %	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	
Surrogate: n-Nonane	105 %	61-141		02/26/25	02/26/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2509069	
Chloride	71.5	20.0	1	02/26/25	02/26/25	

QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	3/4/2025 7:48:21AM

Volatile Organics by EPA 8021B

Analyst: SL

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

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

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

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

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

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

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

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



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	3/4/2025 7:48:21AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

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

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

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

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

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

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

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

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



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	3/4/2025 7:48:21AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

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

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

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

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



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	3/4/2025 7:48:21AM

Anions by EPA 300.0/9056A

Analyst: AK

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

Blank (2509069-BLK1)					Prepared: 02/26/25 Analyzed: 02/26/25				
Chloride	ND	20.0							
LCS (2509069-BS1)					Prepared: 02/26/25 Analyzed: 02/26/25				
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2509069-MS1)					Source: E502242-03		Prepared: 02/26/25 Analyzed: 02/26/25		
Chloride	387	20.0	250	135	101	80-120			
Matrix Spike Dup (2509069-MSD1)					Source: E502242-03		Prepared: 02/26/25 Analyzed: 02/26/25		
Chloride	386	20.0	250	135	100	80-120	0.205	20	

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



Definitions and Notes

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	03/04/25 07:48

- 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: 2/26/2025 9:56:37AM

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:	E502246
Phone:	(575) 748-0176	Date Logged In:	02/25/25 15:01	Logged In By:	Caitlin Mars
Email:	anna@etechnv.com	Due Date:	03/04/25 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

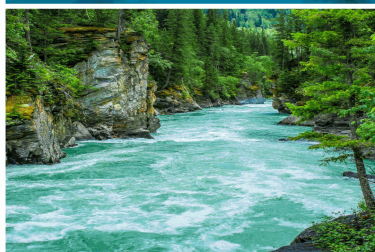
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Anna Byers



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: FLAGLER 8 CTB 1

Work Order: E502243

Job Number: 01058-0007

Received: 2/26/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/4/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 3/4/25



Anna Byers
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: FLAGLER 8 CTB 1
Workorder: E502243
Date Received: 2/26/2025 4:30:00AM

Anna Byers,

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

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

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

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

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

Respectfully,

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

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Sample Summary

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	03/04/25 06:34

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW02 0-5'	E502243-01A	Soil	02/24/25	02/26/25	Glass Jar, 2 oz.



Sample Data

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

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

Reported:
3/4/2025 6:34:17AM

SW02 0-5'

E502243-01

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>		85.7 %	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>		92.6 %	70-130	02/26/25	02/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2509078	
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: AK		Batch: 2509069	
Chloride	281	20.0	1	02/26/25	02/26/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	3/4/2025 6:34:17AM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2509065-BLK1)

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

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

LCS (2509065-BS1)

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

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

Matrix Spike (2509065-MS1)

Source: E502243-01

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

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

Matrix Spike Dup (2509065-MSD1)

Source: E502243-01

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

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



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	3/4/2025 6:34:17AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

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

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

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

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

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

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

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

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



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	3/4/2025 6:34:17AM

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 (2509078-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	51.4		50.0		103	61-141			

LCS (2509078-BS1)					Prepared: 02/26/25 Analyzed: 02/26/25				
Diesel Range Organics (C10-C28)	258	25.0	250		103	66-144			
Surrogate: n-Nonane	53.7		50.0		107	61-141			

Matrix Spike (2509078-MS1)					Source: E502255-05		Prepared: 02/26/25 Analyzed: 02/26/25		
Diesel Range Organics (C10-C28)	259	25.0	250	ND	104	56-156			
Surrogate: n-Nonane	52.4		50.0		105	61-141			

Matrix Spike Dup (2509078-MSD1)					Source: E502255-05		Prepared: 02/26/25 Analyzed: 02/26/25		
Diesel Range Organics (C10-C28)	271	25.0	250	ND	108	56-156	4.51	20	
Surrogate: n-Nonane	54.3		50.0		109	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	3/4/2025 6:34:17AM

Anions by EPA 300.0/9056A

Analyst: AK

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

Blank (2509069-BLK1)					Prepared: 02/26/25 Analyzed: 02/26/25				
Chloride	ND	20.0							
LCS (2509069-BS1)					Prepared: 02/26/25 Analyzed: 02/26/25				
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2509069-MS1)					Source: E502242-03		Prepared: 02/26/25 Analyzed: 02/26/25		
Chloride	387	20.0	250	135	101	80-120			
Matrix Spike Dup (2509069-MSD1)					Source: E502242-03		Prepared: 02/26/25 Analyzed: 02/26/25		
Chloride	386	20.0	250	135	100	80-120	0.205	20	

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



Definitions and Notes

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	03/04/25 06:34

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



envirotech

Envirotech Analytical Laboratory

Printed: 2/26/2025 9:25:11AM

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:	E502243
Phone:	(575) 748-0176	Date Logged In:	02/25/25 14:53	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.

Envirotech Analytical Laboratory

Printed: 2/26/2025 9:54:44AM

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:	E502245
Phone:	(575) 748-0176	Date Logged In:	02/25/25 14:59	Logged In By:	Keyliegh Hall
Email:	anna@etechnv.com	Due Date:	03/04/25 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

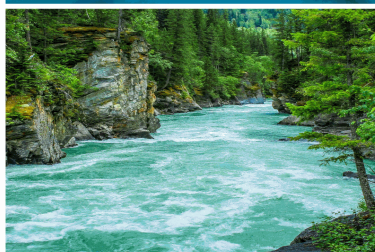
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Anna Byers



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: FLAGLER 8 CTB 1

Work Order: E502244

Job Number: 01058-0007

Received: 2/26/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/4/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 3/4/25



Anna Byers
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: FLAGLER 8 CTB 1
Workorder: E502244
Date Received: 2/26/2025 4:30:00AM

Anna Byers,

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

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

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

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

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

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
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Sample Summary

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	03/04/25 06:35

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW11 4-5'	E502244-01A	Soil	02/24/25	02/26/25	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported: 3/4/2025 6:35:55AM
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	

SW11 4-5'

E502244-01

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>		81.4 %	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>		91.1 %	70-130	02/26/25	02/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM		Batch: 2509077	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/26/25	02/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/26/25	02/26/25	
<i>Surrogate: n-Nonane</i>		104 %	61-141	02/26/25	02/26/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2509069	
Chloride	63.4	20.0	1	02/26/25	02/26/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	3/4/2025 6:35:55AM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2509065-BLK1)

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

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

LCS (2509065-BS1)

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

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

Matrix Spike (2509065-MS1)

Source: E502243-01

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

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

Matrix Spike Dup (2509065-MSD1)

Source: E502243-01

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

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



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	3/4/2025 6:35:55AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

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

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

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

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

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

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

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

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



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	3/4/2025 6:35:55AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

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

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

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

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



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	3/4/2025 6:35:55AM

Anions by EPA 300.0/9056A

Analyst: AK

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

Blank (2509069-BLK1)					Prepared: 02/26/25 Analyzed: 02/26/25				
Chloride	ND	20.0							
LCS (2509069-BS1)					Prepared: 02/26/25 Analyzed: 02/26/25				
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2509069-MS1)					Source: E502242-03		Prepared: 02/26/25 Analyzed: 02/26/25		
Chloride	387	20.0	250	135	101	80-120			
Matrix Spike Dup (2509069-MSD1)					Source: E502242-03		Prepared: 02/26/25 Analyzed: 02/26/25		
Chloride	386	20.0	250	135	100	80-120	0.205	20	

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



Definitions and Notes

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	03/04/25 06:35

- 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: 2/26/2025 9:30:57AM

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:	E502244
Phone:	(575) 748-0176	Date Logged In:	02/25/25 14:56	Logged In By:	Caitlin Mars
Email:	anna@etechnv.com	Due Date:	03/04/25 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Anna Byers



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: FLAGLER 8 CTB 1

Work Order: 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.
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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: 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,

Walter Hinchman
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whinchman@envirotech-inc.com

Raina Schwanz
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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
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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	
Surrogate: 4-Bromochlorobenzene-PID	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	
Surrogate: 1-Chloro-4-fluorobenzene-FID	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	
Surrogate: n-Nonane	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
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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	
Surrogate: 4-Bromochlorobenzene-PID	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	
Surrogate: 1-Chloro-4-fluorobenzene-FID	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	
Surrogate: n-Nonane	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# E502252				Job Number 01058-0007				1D	2D	3D	Standard		CWA	SDWA			
Project Manager: Anna Byers						Address: 5315 Buena Vista Dr.																		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@etechenv.com						WO: 21179750																	x							
Etch project#: 19290						Incident ID: nAPP2106147760																	Remarks							
Collected by: Edyte Konan																														
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number																									
9:40	02.24.25	S	1	STKP01	1																									
9:50	02.24.25	S	1	STKP02	2																									
10:00	02.24.25	S	1	STKP03	3																									
10:10	02.24.25	S	1	STKP04	4																									
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: GM																														
Relinquished by: (Signature) [Signature]						Date		Time		Received by: (Signature) Michelle Gonzales						Date		Time		Lab Use Only										
Relinquished by: (Signature) Michelle Gonzales						Date		Time		Received by: (Signature) John M.						Date		Time		Received on ice: Y / N										
Relinquished by: (Signature) John M.						Date		Time		Received by: (Signature) Kuysh & Heller						Date		Time		T1 _____ T2 _____ T3 _____										
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other						Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																								
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																														

Envirotech Analytical Laboratory

Printed: 2/26/2025 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	HELIOTROPIMUM	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	6.5 - 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:

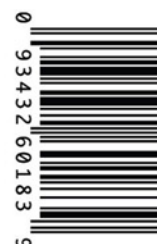
40 test capsules, 10 each for pH, N, P and K, Four (4) Color-coded Test Tubes, Test Tube Storage Dock, complete instructions for adjusting soil pH, fertilization guidelines and pH preference list for over 450 plants for the home, yard and garden.

Soil Test Kit Components
Complete Instruction booklet Inside.



60183L

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www.PanaceaProducts.com
Assembled in USA from
Foreign and Domestic parts



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APPENDIX G

Correspondence & Notifications

Erick Herrera

From: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Sent: Friday, January 24, 2025 2:34 PM
To: Erick Herrera
Cc: Raley, Jim; Devon-Team
Subject: Re: [EXTERNAL] Request for Variance for Sampling Notification Flagler 8 CTB 1 nAPP2328556508

Good afternoon Erick,

Thank you for your correspondence and admission of the inadvertence. OCD accepts the oversight acknowledgement and approves your variance toward 19.15.29.12D (1a) NMAC.

Please submit sampling notifications for the dates missed and include your explanation into your executive summary and this email as proof into the final remediation closure report.

Please keep a copy of this communication for inclusion within the appropriate report submittal.

Have a safe and productive day!

Regards,

Nelson Velez • Environmental Specialist - Adv
Environmental Bureau | EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87410
(505) 469-6146 | nelson.velez@emnrd.nm.gov
<http://www.emnrd.nm.gov/ocd>



From: Erick Herrera <erick@etechenv.com>
Sent: Friday, January 24, 2025 1:15 PM
To: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Cc: Raley, Jim <jim.raley@dv.com>; Devon-Team <Devon-Team@etechenv.com>
Subject: [EXTERNAL] Request for Variance for Sampling Notification Flagler 8 CTB 1 nAPP2328556508

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

Hi Nelson,

I hope this email finds you well.

I am reaching out regarding our ongoing remediation efforts at this Site, which involves multiple incidents on the same pad/adjacent pasture area. Unfortunately, we inadvertently overlooked to notify Jim Raley with Devon Energy to include Incident Number nAPP2328556508 in our sampling notification for this week in the NMOCD portal. Only sampling notifications for Incident Number nAPP2106147760 were submitted for this past week.

Etech collected confirmation samples from the excavation on January 22, 2024, and January 23, 2024, which have been submitted to the lab for analysis, and are currently pending results. We fully understand that a sampling notification must be submitted at least two (2) business days prior to final sampling; however, due to this oversight amidst the multiple incidents we are simultaneously addressing, we kindly request, on behalf of Devon Energy, a variance to allow the acceptance of the confirmation soil samples collected, for Incident Number nAPP2328556508 on January 22, 2024, and January 23, 2024. With your approval, the soil sampling notifications would be submitted ASAP for the respective dates and this email notification would be included in a subsequent report for Incident Number nAPP2328556508.

We appreciate your understanding and support in this matter. Please let us know if you have any questions or require further information.

Thank you for your attention to this request.



Erick Herrera
Project Geologist
Etech Environmental & Safety Solutions, Inc.
W: (432) 305-6416
C: (281) 777-4152

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 424638

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 424638
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2328556508
Incident Name	NAPP2328556508 FLAGLER 8 CTB 1 @ 0
Incident Type	Oil Release
Incident Status	Remediation Plan Approved
Incident Facility	[fAPP2122855254] FLAGLER 8 CTB 1

Location of Release Source	
Site Name	FLAGLER 8 CTB 1
Date Release Discovered	10/10/2023
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	1,815
What is the estimated number of samples that will be gathered	7
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	07:00 AM
Warning: Notification can not be less than two business days prior to conducting final sampling.	
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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CONDITIONS

Action 424638

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 424638
	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.	1/24/2025

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QUESTIONS

Action 424643

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 424643
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2328556508
Incident Name	NAPP2328556508 FLAGLER 8 CTB 1 @ 0
Incident Type	Oil Release
Incident Status	Remediation Plan Approved
Incident Facility	[fAPP2122855254] FLAGLER 8 CTB 1

Location of Release Source	
Site Name	FLAGLER 8 CTB 1
Date Release Discovered	10/10/2023
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	1,815
What is the estimated number of samples that will be gathered	17
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/23/2025
Time sampling will commence	07:00 AM
 Warning: Notification can not be less than two business days prior to conducting final sampling. 	
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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CONDITIONS

Action 424643

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 424643
	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.	1/24/2025

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Santa Fe, NM 87505

QUESTIONS

Action 432349

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 432349
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2328556508
Incident Name	NAPP2328556508 FLAGLER 8 CTB 1 @ 0
Incident Type	Oil Release
Incident Status	Remediation Plan Approved
Incident Facility	[fAPP2122855254] FLAGLER 8 CTB 1

Location of Release Source	
Site Name	FLAGLER 8 CTB 1
Date Release Discovered	10/10/2023
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	1,815
What is the estimated number of samples that will be gathered	25
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/24/2025
Time sampling will commence	07:00 AM
Please provide any information necessary for observers to contact samplers	Please contact Erick Herrera at 432-305-6416 with any questions
Please provide any information necessary for navigation to sampling site	From the intersection of Co Rd 2 and Resource Ln stay right at the fork and head south for 2.5 miles, turn right for 2.2 miles to reach Flagler CTB (32.140569, -103.602434).

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CONDITIONS

Action 432349

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 432349
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jralej	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	2/14/2025

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Santa Fe, NM 87505

QUESTIONS

Action 432350

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 432350
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2328556508
Incident Name	NAPP2328556508 FLAGLER 8 CTB 1 @ 0
Incident Type	Oil Release
Incident Status	Remediation Plan Approved
Incident Facility	[fAPP2122855254] FLAGLER 8 CTB 1

Location of Release Source	
Site Name	FLAGLER 8 CTB 1
Date Release Discovered	10/10/2023
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	1,815
What is the estimated number of samples that will be gathered	25
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/25/2025
Time sampling will commence	07:00 AM
Please provide any information necessary for observers to contact samplers	Please contact Erick Herrera at 432-305-6416 with any questions
Please provide any information necessary for navigation to sampling site	From the intersection of Co Rd 2 and Resource Ln stay right at the fork and head south for 2.5 miles, turn right for 2.2 miles to reach Flagler CTB (32.140569, -103.602434).

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CONDITIONS

Action 432350

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 432350
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jralej	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	2/14/2025

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QUESTIONS

Action 449450

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 449450
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2328556508
Incident Name	NAPP2328556508 FLAGLER 8 CTB 1 @ 0
Incident Type	Oil Release
Incident Status	Reclamation 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	10/10/2023
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: Equipment Failure Pipeline (Any) Crude Oil Released: 8 BBL Recovered: 3 BBL Lost: 5 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	flowline to 3 phase 36H ruptured and caused a leak underground at the facility. Leak was isolated on both ends and truck dispatched to remove standing fluid.

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QUESTIONS, Page 2

Action 449450

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 449450
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	<i>Not answered.</i>

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvni.com Date: 04/08/2025
--	---

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

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QUESTIONS, Page 3

Action 449450

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 449450
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	2610
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	20200
GRO+DRO (EPA SW-846 Method 8015M)	14800
BTEX (EPA SW-846 Method 8021B or 8260B)	4.3
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	01/13/2025
On what date will (or did) the final sampling or liner inspection occur	02/25/2025
On what date will (or was) the remediation complete(d)	02/25/2025
What is the estimated surface area (in square feet) that will be reclaimed	2635
What is the estimated volume (in cubic yards) that will be reclaimed	343
What is the estimated surface area (in square feet) that will be remediated	2635
What is the estimated volume (in cubic yards) that will be remediated	343
<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 449450

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 449450
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	HALFWAY DISPOSAL AND LANDFILL [FEEM0112334510]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	No
OR is the off-site disposal site, to be used, an NMED facility	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.)	No
(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@dv.com Date: 04/08/2025
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 449450

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 449450
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

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

QUESTIONS, Page 6

Action 449450

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 449450
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	440334
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/11/2025
What was the (estimated) number of samples that were to be gathered	25
What was the sampling surface area in square feet	1815

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
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	2635
What was the total volume (cubic yards) remediated	343
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	2635
What was the total volume (in cubic yards) reclaimed	343
Summarize any additional remediation activities not included by answers (above)	The Site was remediated in accordance with an approved Remediation Plan, ultimately removing 343 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.
<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>	
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@dvn.com Date: 04/08/2025

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Action 449450

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 449450
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Reclamation Report	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	2635
What was the total volume of replacement material (in cubic yards) for this site	343
<i>Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.</i>	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseeded commence(d)	12/31/2050
Summarize any additional reclamation activities not included by answers (above)	A revegetation report will be submitted once the facility undergoes "final" reclamation and upon confirmation of at least 70% vegetation cover and 50% of life-form ratio in comparison to pre-disturbance vegetation coverage.
<i>The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseeded plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.</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. 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: 04/08/2025

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QUESTIONS, Page 8

Action 449450

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 449450
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Revegetation Report	
<i>Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.</i>	
Requesting a restoration complete approval with this submission	No
<i>Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.</i>	

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CONDITIONS

Action 449450

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 449450
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
nvez	Remediation closure and reclamation report are approved, but it should be noted that the incident occurred within an area reasonably needed for production or subsequently drilling operations and that the reclamation portion has not been completed per 19.15.29.13D (2) NMAC.	6/24/2025