

## **CLOSURE REQUEST REPORT**

Prepared For:

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

Site Information:

Flagler 8 CTB 1
Incident Number nAPP2106147760

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

Lea County, New Mexico

(32.140567°, -103.601127°)

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

#### **SYNOPSIS**

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

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

#### SITE CHARACTERIZATION AND CLOSURE CRITERIA

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

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

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

Constituents of Concern (COCs)	Laboratory Analytical Method	Closure Criteria <sup>†</sup>
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

<sup>&</sup>lt;sup>†</sup>The reclamation concentration requirements of 600 mg/kg chloride and 100 mg/kg TPH apply to the top 4 feet of areas to be immediately reclaimed following remediation pursuant to NMAC 19.15.17.13.

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

#### **EXCAVATION SOIL SAMPLING ACTIVITIES**

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

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

#### LABORATORY ANALYTICAL RESULTS

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

#### **FUTURE RECLAMATION**

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

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

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

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

#### **CLOSURE REQUEST**

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

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

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

Sincerely,

Etech Environmental and Safety Solutions, Inc.

Erick Herrera
Project Geologist

Ericl &

Project Geologist

Joseph S. Hernandez Senior Managing Geologist

cc: Jim Raley, Devon

New Mexico Oil Conservation Division

**Bureau of Land Management** 

Appendices:

Appendix A: Figure 1: Site Map

Figure 1A: Site Characterization Map – Groundwater

Figure 1B: Site Characterization Map – Surficial Receptors

Figure 1C: Site Characterization Map – Subsurface Receptors

Figure 2: Excavation Soil Sample Locations

Figure 3: Restoration Area

Appendix B: Referenced Well Records

Appendix C: Photographic Log

Appendix D: Tables

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

Appendix F: HoldAll® Operating Manual

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

**Appendix H**: Correspondence & Notifications

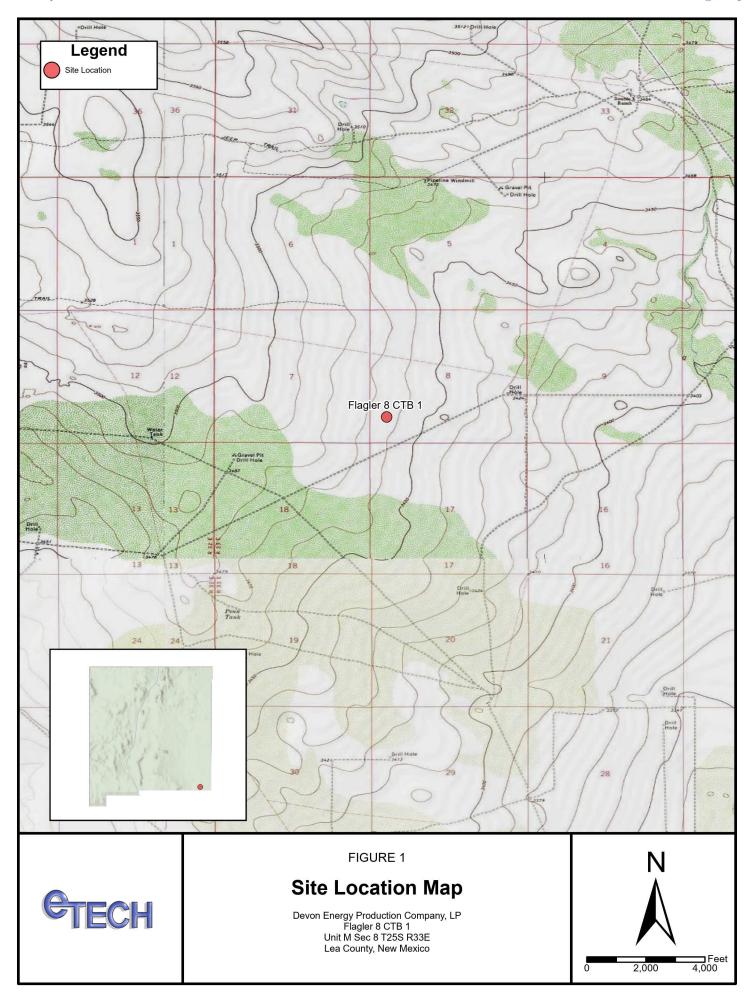
**Appendix I**: Archived Reports

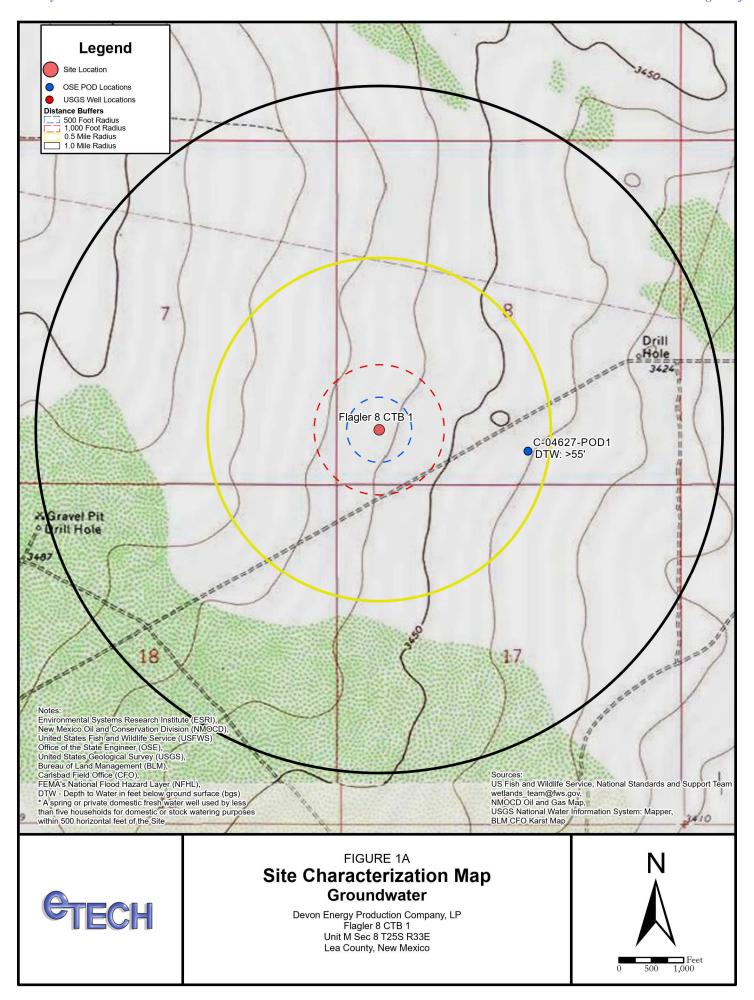
## **APPENDIX A**

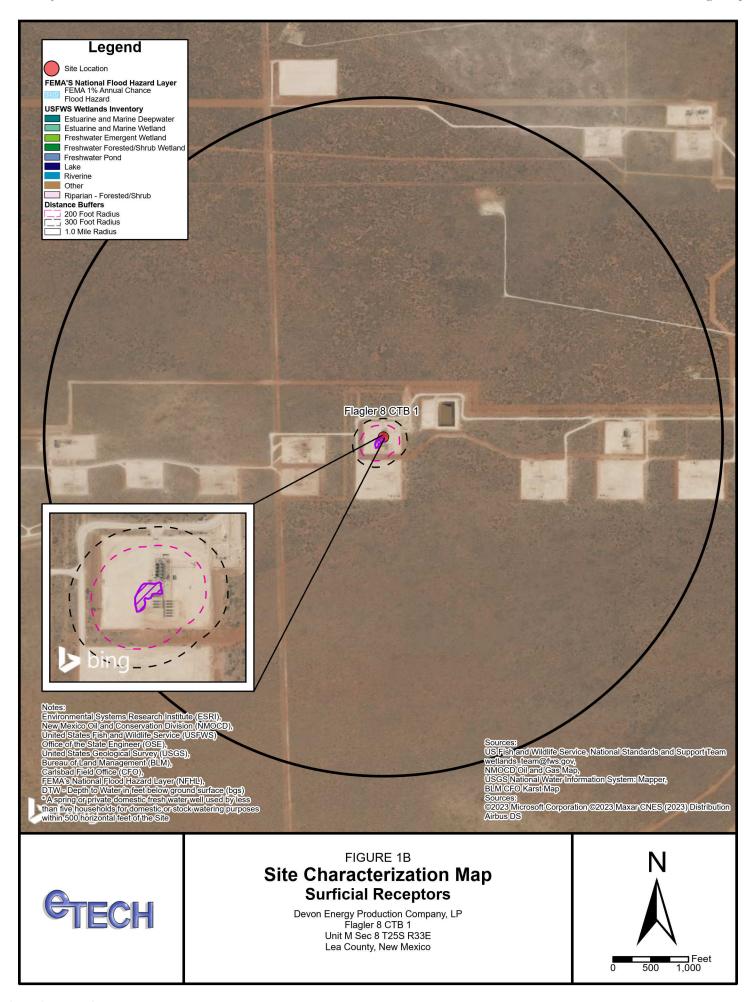
**Figures** 

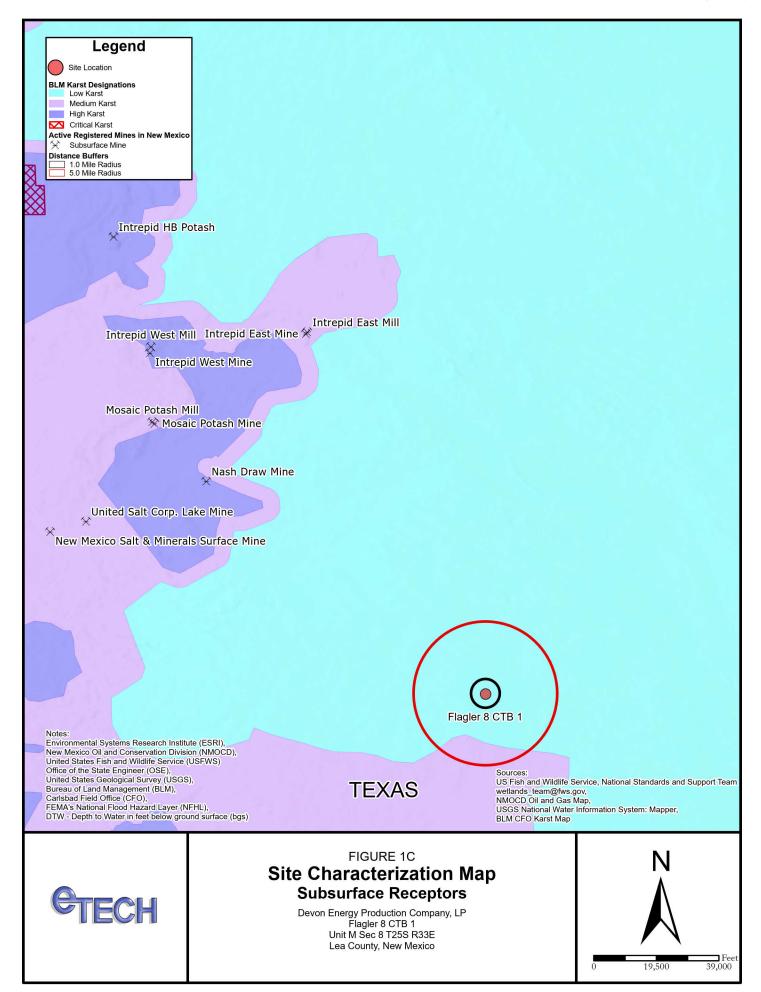
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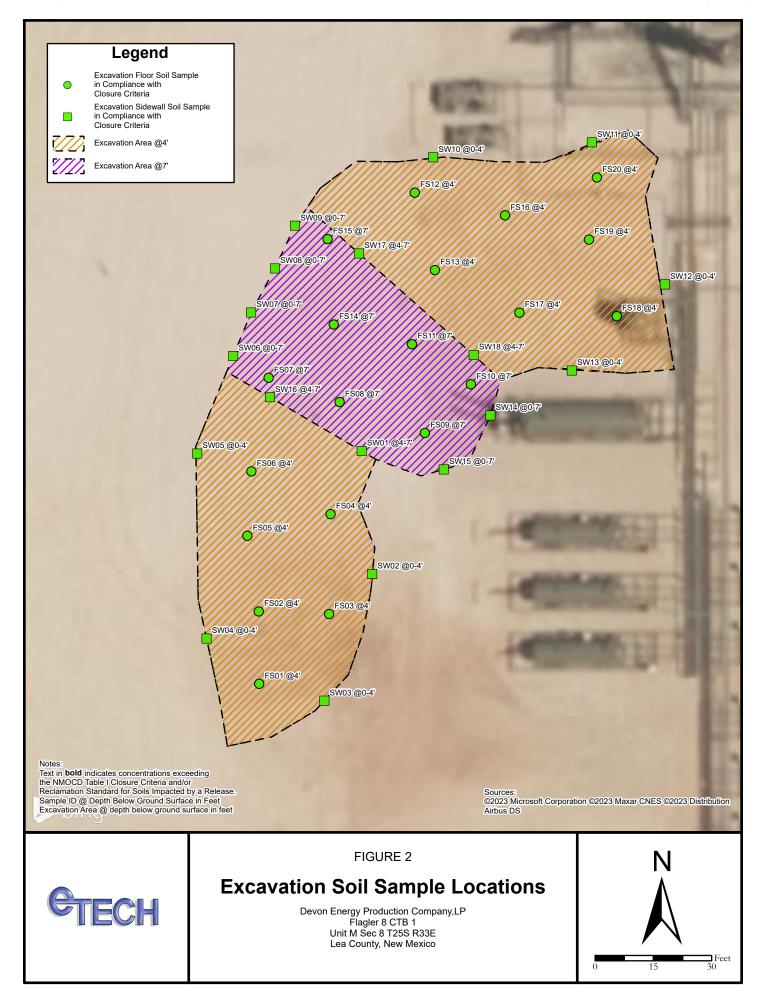


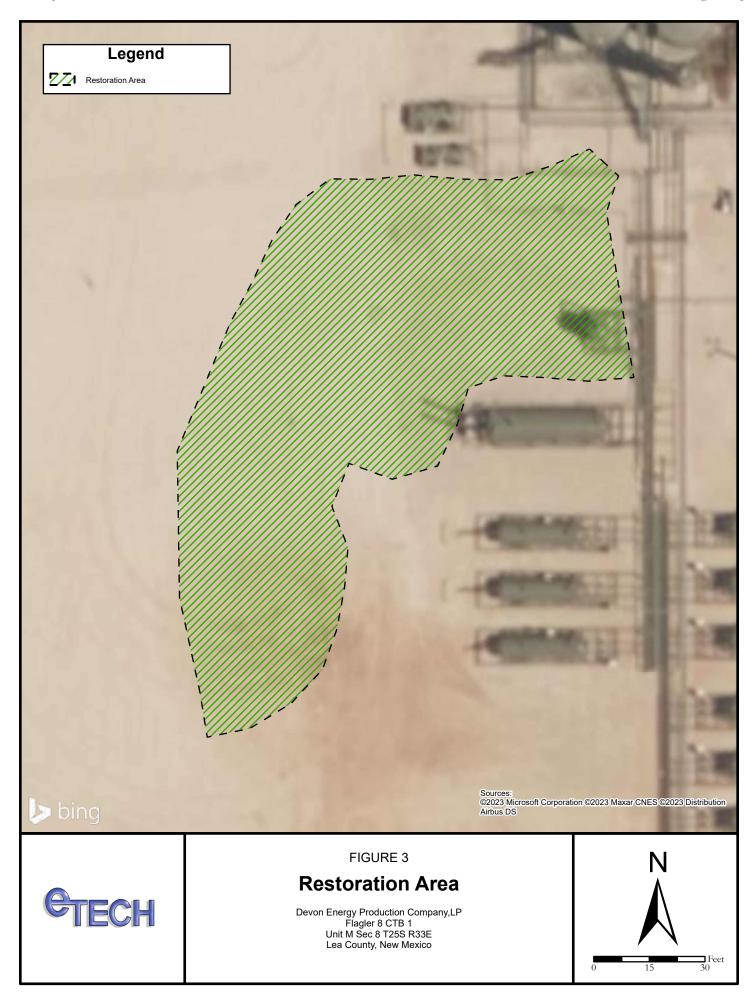












## **APPENDIX B**

## Well Reference Records

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## WELL RECORD & LOG

#### OFFICE OF THE STATE ENGINEER

#### www.ose.state.nm.us

NO	OSE POD NO POD 1 (TV	-	NO.)			WELL TAG ID N N/A	О.		OSE FILE NO(	S).				
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LOC	ATION			25.33	.08.	334			WELL TAG II	D NO.			PAGE	1 OF 2

		-								
	DEPTH (	feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED INCLUDE WATER-BEARING CAVITIES OR FRACTURE (attach supplemental sheets to fully describe all unit	ZONES	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)			
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	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				
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4. HYDROGEOLOGIC LOG OF WELL						Y N				
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VISION	MISCELLA	NEOUS IN	FORMATION:							
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SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:									
6. SIGNA	Jack 1	Atkins		Jackie D. Atkins		6/16/2022				
•		SIGNAT	URE OF DRILLE	R / PRINT SIGNEE NAME		DATE				
	R OSE INTER	NAL USE	2-		Auto	ECORD & LOG (Ve	rsion 01/28/2022)			
_	E NO.	-46	21-1	POD NO. TRN		26174	DACE 2 OF 2			
LO	CATION		15.55	8.08.334 Well tags	D 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,

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 2<sup>nd</sup> 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,

Lucas Middleton

Enclosures: as noted above

Grean Whodom

OSE DII JUN 16 2022 PM3:10

## **APPENDIX C**

Photographic Log

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# **GTECH**

#### **PHOTOGRAPHIC LOG**

Devon Energy Production Company, LP Flagler 8 CTB 1

Incident Number nAPP2106147760



Photograph 1 Date: 01/15/2025 Description: Northwestern view of excavation activities.



Photograph 3 Date: 01/15/2025 Description: Northwestern view of excavation activities.



Photograph 2 Date: 01/15/2025
Description: Northwestern view of excavation activities.



Photograph 4 Date: 01/15/2025 Description: Northwestern view of excavation activities.

# **ETECH**

#### **PHOTOGRAPHIC LOG**

Devon Energy Production Company, LP Flagler 8 CTB 1

Incident Number nAPP2106147760



Photograph 5 Date: 01/15/2025
Description: Northwestern view of excavation activities

Photograph 6 Date: 01/30/2025

Description: Eastern view of excavation activities





Photograph 7 Date: 03/06/2025 Description: Southeastern view of results of the nutrient soil test for backfill STKP01 material.

Photograph 8 Date: 03/06/2025
Description: Southeastern view of results of the nutrient soil test for backfill STKP03 material.



#### **PHOTOGRAPHIC LOG**

Devon Energy Production Company, LP Flagler 8 CTB 1

Incident Number nAPP2106147760





Photograph 9 Date: 03/14/2025 Description: Northeastern view of completed restoration.

Photograph 10 Date: 03/14/2025 Description: Southwestern view of completed restoration.





Photograph 11 Date: 03/14/2025 Description: Northwestern view of completed restoration.

Photograph 12 Date: 03/14/2025 Description: Northeastern view of completed restoration.

## APPENDIX D

**Tables** 

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Received by OCD: 7/17/2025 3:46:15 PM



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

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	DRO+GRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
MOCD Table I Clos		ils Impacted by a	10	50	NE	NE	NE	1,000	2,500	10,000
				Excavation Soi	I Samples - Incident I	Number nAPP2106147	760			
FS01	01/16/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
FS02	01/16/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
FS03	01/16/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
FS04	01/16/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	820
FS05	01/16/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
FS06	01/16/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	26.9
FS07	01/16/2025	7	<0.0250	<0.0500	<20.0	68.4	<50.0	68.4	68.4	23.8
FS08	01/16/2025	7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
FS09	01/16/2025	7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	69.5
FS10	01/16/2025	7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
FS11	01/16/2025	7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	31.3
FS12	01/16/2025	4	<0.0250	<0.0500	<20.0	112	<50.0	112	112	65.2
FS13	01/16/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
FS14	01/16/2025	7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
FS15	01/16/2025	7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
FS16	01/16/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
FS17	01/16/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
FS18	01/16/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
FS19	01/16/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
FS20	01/16/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	26.9
SW01	01/22/2025	4-7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
SW02	01/22/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
SW03	01/22/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	24.0
SW04	01/22/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
SW05	01/22/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
SW06	01/22/2025	0-7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
SW07	01/22/2025	0-7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
SW08	01/22/2025	0-7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
SW09	01/22/2025	0-7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	82.7

Received by OCD: 7/17/2025 3:46:15 PM



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

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	DRO+GRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29)		10	50	NE	NE	NE	1,000	2,500	10,000	
SW10	01/22/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	77.9
SW11	01/22/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	49.4
SW12	01/22/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	43.8
SW13	01/22/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	20.7
SW14	01/22/2025	0-7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	27.6
SW15	01/22/2025	0-7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	20.6
SW16	01/22/2025	4-7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
SW17	01/22/2025	4-7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
SW18	01/22/2025	4-7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
				Backfill Soil	Samples - Incident Nu	mber nAPP210614776	60			
STKP01	02/24/2025	N/A	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	349
STKP02	02/24/2025	N/A	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	325
STKP03	02/24/2025	N/A	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	318
STKP04	02/24/2025	N/A	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	329

Notes:

bgs: below ground surface mg/kg: milligrams per kilogram NE: Closure Criteria Not Established

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

GRO: Gasoline Range Organics

DRO: Diesel Range Organics
ORO: Oil Range Organics
TPH: Total Petroleum Hydrocarbon

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code Text in "grey" represents excavated soil samples

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

The reclamation pursuant to NMAC 19.15.17.13.

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

Received by OCD: 7/17/2025 3:46:15 PM



#### Table 2 **SOIL SAMPLE FIELD SCREENING RESULTS Devon Energy Production Company, LP** Flagler 8 CTB 1 Lea County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Nitrogen	Potash	Phosphorous	PH (ppm)	Chloride (ppm)
		В	ackfill Soil Samples -	Incident Number nRM2	2014360340		
STKP01	03/06/2025	N/A	Very Low	Low	Very Low	7.5	349
STKP02	03/06/2025	N/A	Very Low	Low	Very Low	7.5	325
STKP03	03/06/2025	N/A	Very Low	Low	Very Low	7.5	318
STKP04	03/06/2025	N/A	Very Low	Low	Very Low	7.5	329
BG01	03/06/2025	N/A	Very Low	Low	Very Low	7.5	<116

Notes:

bgs: below ground surface ppm: parts per million

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

## **APPENDIX E**

Laboratory Analytical Reports & Chain-of-Custody Documentation

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



Report to:
Erick Herrera





5796 U.S. Hwy 64 Farmington, NM 87401

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





## envirotech

Practical Solutions for a Better Tomorrow

## **Analytical Report**

Devon Energy - Carlsbad

Project Name: FLAGLER 8 CTB 1

Work Order: E501125

Job Number: 01058-0007

Received: 1/20/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 1/24/25

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

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

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

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

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

Date Reported: 1/24/25

Erick Herrera 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: FLAGLER 8 CTB 1

Workorder: E501125

Date Received: 1/20/2025 7:20:30AM

Erick Herrera,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/20/2025 7:20:30AM, under the Project Name: FLAGLER 8 CTB 1.

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

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

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Field Offices:

**Southern New Mexico Area** 

Lynn Jarboe

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

Cell: 505-320-4759

ljarboe@envirotech-inc.com

**Michelle Gonzales** 

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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### Sample Summary

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Donoutodi
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	01/24/25 12:38

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS01 4'	E501125-01A	Soil	01/16/25	01/20/25	Glass Jar, 2 oz.
FS02 4'	E501125-02A	Soil	01/16/25	01/20/25	Glass Jar, 2 oz.
FS03 4'	E501125-03A	Soil	01/16/25	01/20/25	Glass Jar, 2 oz.
FS04 4'	E501125-04A	Soil	01/16/25	01/20/25	Glass Jar, 2 oz.
FS05 4'	E501125-05A	Soil	01/16/25	01/20/25	Glass Jar, 2 oz.
FS06 4'	E501125-06A	Soil	01/16/25	01/20/25	Glass Jar, 2 oz.
FS07 7'	E501125-07A	Soil	01/16/25	01/20/25	Glass Jar, 2 oz.
FS08 7'	E501125-08A	Soil	01/16/25	01/20/25	Glass Jar, 2 oz.
FS09 7'	E501125-09A	Soil	01/16/25	01/20/25	Glass Jar, 2 oz.
FS10 7'	E501125-10A	Soil	01/16/25	01/20/25	Glass Jar, 2 oz.
FS11 7'	E501125-11A	Soil	01/16/25	01/20/25	Glass Jar, 2 oz.
FS12 4'	E501125-12A	Soil	01/16/25	01/20/25	Glass Jar, 2 oz.
FS13 4'	E501125-13A	Soil	01/16/25	01/20/25	Glass Jar, 2 oz.
FS14 7'	E501125-14A	Soil	01/16/25	01/20/25	Glass Jar, 2 oz.
FS15 7'	E501125-15A	Soil	01/16/25	01/20/25	Glass Jar, 2 oz.
FS16 4'	E501125-16A	Soil	01/16/25	01/20/25	Glass Jar, 2 oz.
FS17 4'	E501125-17A	Soil	01/16/25	01/20/25	Glass Jar, 2 oz.
FS18 4'	E501125-18A	Soil	01/16/25	01/20/25	Glass Jar, 2 oz.
FS19 4'	E501125-19A	Soil	01/16/25	01/20/25	Glass Jar, 2 oz.
FS20 4'	E501125-20A	Soil	01/16/25	01/20/25	Glass Jar, 2 oz.



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	1/24/2025 12:38:02PM

#### FS01 4' E501125-01

	E501125-01				
	1 0				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: SL		Batch: 2504006
ND	0.0250	1	01/20/25	01/22/25	
ND	0.0250	1	01/20/25	01/22/25	
ND	0.0250	1	01/20/25	01/22/25	
ND	0.0250	1	01/20/25	01/22/25	
ND	0.0500	1	01/20/25	01/22/25	
ND	0.0250	1	01/20/25	01/22/25	
	87.0 %	70-130	01/20/25	01/22/25	
mg/kg	mg/kg	Anal	yst: SL		Batch: 2504006
ND	20.0	1	01/20/25	01/22/25	
	97.2 %	70-130	01/20/25	01/22/25	
mg/kg	mg/kg	Anal	yst: NV		Batch: 2504015
ND	25.0	1	01/20/25	01/21/25	
ND	50.0	1	01/20/25	01/21/25	
	107 %	50-200	01/20/25	01/21/25	
mg/kg	mg/kg	Anal	yst: DT		Batch: 2504009
ND	20.0	1	01/20/25	01/21/25	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result         Reporting Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0500           ND         0.0250           87.0 %         mg/kg           mg/kg         mg/kg           ND         20.0           97.2 %         mg/kg           MD         25.0           ND         50.0           107 %         mg/kg           mg/kg         mg/kg	Reporting           Result         Limit         Dilution           mg/kg         mg/kg         Analy           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           MD         0.0250         1           MD         20.0250         1           Mg/kg         mg/kg         Analy           Mg/kg         mg/kg         Analy           ND         20.0         1           ND         25.0         1           ND         50.0         1           107 %         50-200           mg/kg         mg/kg         Analy	Reporting           Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         01/20/25           ND         0.0250         1         01/20/25           ND         0.0250         1         01/20/25           ND         0.0500         1         01/20/25           ND         0.0250         1         01/20/25           ND         0.0250         1         01/20/25           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         01/20/25           mg/kg         mg/kg         Analyst: NV           ND         25.0         1         01/20/25           ND         50.0         1         01/20/25           ND         50.0         1         01/20/25           ND         50.0         1         01/20/25           ND         50.0         1         01/20/25           mg/kg         Mg/kg         Analyst: DT	Reporting           Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         01/20/25         01/22/25           ND         0.0250         1         01/20/25         01/22/25           ND         0.0250         1         01/20/25         01/22/25           ND         0.0500         1         01/20/25         01/22/25           ND         0.0250         1         01/20/25         01/22/25           ND         0.0250         1         01/20/25         01/22/25           mg/kg         mg/kg         Analyst: SL         ND         01/22/25           mg/kg         mg/kg         Analyst: SL         01/22/25           mg/kg         mg/kg         Analyst: NV         ND         25.0         1         01/20/25         01/21/25           ND         25.0         1         01/20/25         01/21/25         01/21/25           ND         50.0         1         01/20/25         01/21/25           ND         50.0         1         01/20/25         01/21/25           mg/kg         mg/kg

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	1/24/2025 12:38:02PM

#### FS02 4'

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



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	1/24/2025 12:38:02PM

#### FS03 4'

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



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	1/24/2025 12:38:02PM

#### FS04 4'

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

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	1/24/2025 12:38:02PM

#### FS05 4'

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



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	1/24/2025 12:38:02PM

#### FS06 4'

	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	lyst: SL		Batch: 2504006
ND	0.0250	1	01/20/25	01/22/25	
ND	0.0250	1	01/20/25	01/22/25	
ND	0.0250	1	01/20/25	01/22/25	
ND	0.0250	1	01/20/25	01/22/25	
ND	0.0500	1	01/20/25	01/22/25	
ND	0.0250	1	01/20/25	01/22/25	
	86.8 %	70-130	01/20/25	01/22/25	
mg/kg	mg/kg	Ana	lyst: SL		Batch: 2504006
ND	20.0	1	01/20/25	01/22/25	
	97.3 %	70-130	01/20/25	01/22/25	
mg/kg	mg/kg	Ana	lyst: NV		Batch: 2504015
ND	25.0	1	01/20/25	01/21/25	
ND	50.0	1	01/20/25	01/21/25	
	107 %	50-200	01/20/25	01/21/25	
mg/kg	mg/kg	Ana	lyst: DT		Batch: 2504009
	mg/kg ND Mg/kg ND	mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           86.8 %         mg/kg           ND         20.0           97.3 %         mg/kg           ND         25.0           ND         50.0           107 %	Result         Limit         Dilution           mg/kg         mg/kg         Ana           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           MD         0.0250         1           MD         20.0         1           97.3 %         70-130           mg/kg         mg/kg         Ana           ND         25.0         1           ND         50.0         1           107 %         50-200	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         01/20/25           ND         0.0250         1         01/20/25           ND         0.0250         1         01/20/25           ND         0.0500         1         01/20/25           ND         0.0250         1         01/20/25           ND         0.0250         1         01/20/25           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         01/20/25           mg/kg         mg/kg         Analyst: NV           ND         25.0         1         01/20/25           ND         50.0         1         01/20/25           ND         50.0         1         01/20/25	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         01/20/25         01/22/25           ND         0.0250         1         01/20/25         01/22/25           ND         0.0250         1         01/20/25         01/22/25           ND         0.0500         1         01/20/25         01/22/25           ND         0.0250         1         01/20/25         01/22/25           ND         0.0250         1         01/20/25         01/22/25           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         01/20/25         01/22/25           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         01/20/25         01/22/25           mg/kg         mg/kg         Analyst: NV           ND         25.0         1         01/20/25         01/21/25           ND         50.0         1         01/20/25         01/21/25           ND         50.0         1         01/20/25         01/21/25



ſ	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	1/24/2025 12:38:02PM

#### FS07 7'

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



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	1/24/2025 12:38:02PM

#### FS08 7'

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



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	1/24/2025 12:38:02PM

#### FS09 7'

	Donartina				
Result	Limit	Dilution	n Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	alyst: SL		Batch: 2504006
ND	0.0250	1	01/20/25	01/22/25	
ND	0.0250	1	01/20/25	01/22/25	
ND	0.0250	1	01/20/25	01/22/25	
ND	0.0250	1	01/20/25	01/22/25	
ND	0.0500	1	01/20/25	01/22/25	
ND	0.0250	1	01/20/25	01/22/25	
	85.1 %	70-130	01/20/25	01/22/25	
mg/kg	mg/kg	Ana	alyst: SL		Batch: 2504006
ND	20.0	1	01/20/25	01/22/25	
	97.9 %	70-130	01/20/25	01/22/25	
mg/kg	mg/kg	Ana	alyst: NV		Batch: 2504015
ND	25.0	1	01/20/25	01/21/25	
ND	50.0	1	01/20/25	01/21/25	
	119 %	50-200	01/20/25	01/21/25	
mg/kg	mg/kg	Ana	alyst: DT		Batch: 2504009
	mg/kg  ND	mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           85.1 %         mg/kg           ND         20.0           97.9 %         mg/kg           ND         25.0           ND         50.0	Result         Limit         Dilution           mg/kg         mg/kg         An           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           85.1 %         70-130           mg/kg         mg/kg         An           ND         20.0         1           97.9 %         70-130           mg/kg         mg/kg         An           ND         25.0         1           ND         50.0         1	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         01/20/25           ND         0.0250         1         01/20/25           ND         0.0250         1         01/20/25           ND         0.0250         1         01/20/25           ND         0.0500         1         01/20/25           ND         0.0250         1         01/20/25           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         01/20/25           mg/kg         mg/kg         Analyst: NV           ND         25.0         1         01/20/25           ND         25.0         1         01/20/25           ND         50.0         1         01/20/25	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         01/20/25         01/22/25           ND         0.0250         1         01/20/25         01/22/25           ND         0.0250         1         01/20/25         01/22/25           ND         0.0500         1         01/20/25         01/22/25           ND         0.0250         1         01/20/25         01/22/25           ND         0.0250         1         01/20/25         01/22/25           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         01/20/25         01/22/25           mg/kg         mg/kg         Analyst: SL         01/22/25           mg/kg         mg/kg         Analyst: NV           ND         25.0         1         01/20/25         01/21/25           ND         25.0         1         01/20/25         01/21/25           ND         50.0         1         01/20/25         01/21/25



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	1/24/2025 12:38:02PM

## FS10 7'

E501125-10						
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	yst: SL		Batch: 2504006
Benzene	ND	0.0250	1	01/20/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/22/25	
Toluene	ND	0.0250	1	01/20/25	01/22/25	
o-Xylene	ND	0.0250	1	01/20/25	01/22/25	
o,m-Xylene	ND	0.0500	1	01/20/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/22/25	
Surrogate: 4-Bromochlorobenzene-PID		86.8 %	70-130	01/20/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2504006
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/22/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.6 %	70-130	01/20/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	yst: NV		Batch: 2504015
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/25	01/21/25	
Surrogate: n-Nonane		117 %	50-200	01/20/25	01/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	yst: DT		Batch: 2504009
Chloride	ND	20.0	1	01/20/25	01/21/25	



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	1/24/2025 12:38:02PM

#### FS11 7'

E5	<b>N11</b>	25	11
P7	vii	12.7	- 1

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



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Artesia NM, 88210	Project Manager:	Erick Herrera	1/24/2025 12:38:02PM

#### FS12 4'

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



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	1/24/2025 12:38:02PM

#### FS13 4'

	Ranartina				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	lyst: SL		Batch: 2504006
ND	0.0250	1	01/20/25	01/22/25	
ND	0.0250	1	01/20/25	01/22/25	
ND	0.0250	1	01/20/25	01/22/25	
ND	0.0250	1	01/20/25	01/22/25	
ND	0.0500	1	01/20/25	01/22/25	
ND	0.0250	1	01/20/25	01/22/25	
	87.0 %	70-130	01/20/25	01/22/25	
mg/kg	mg/kg	Ana	lyst: SL		Batch: 2504006
ND	20.0	1	01/20/25	01/22/25	
	96.0 %	70-130	01/20/25	01/22/25	
mg/kg	mg/kg	Ana	lyst: NV		Batch: 2504015
ND	25.0	1	01/20/25	01/21/25	_
ND	50.0	1	01/20/25	01/21/25	
	107 %	50-200	01/20/25	01/21/25	
/1		Ana	lyst: DT		Batch: 2504009
mg/kg	mg/kg	Alla	iyst. D1		Batcii. 2304009
	mg/kg  ND	mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           87.0 %         mg/kg           MD         20.0           96.0 %         mg/kg           ND         25.0           ND         50.0	Result         Limit         Dilution           mg/kg         mg/kg         Ana           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           87.0 %         70-130           mg/kg         mg/kg         Ana           ND         20.0         1           96.0 %         70-130           mg/kg         mg/kg         Ana           ND         25.0         1           ND         50.0         1           107 %         50-200	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         01/20/25           ND         0.0250         1         01/20/25           ND         0.0250         1         01/20/25           ND         0.0500         1         01/20/25           ND         0.0250         1         01/20/25           ND         0.0250         1         01/20/25           mg/kg         70-130         01/20/25           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         01/20/25           mg/kg         mg/kg         Analyst: NV           ND         25.0         1         01/20/25           ND         50.0         1         01/20/25           ND         50.0         1         01/20/25	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         01/20/25         01/22/25           ND         0.0250         1         01/20/25         01/22/25           ND         0.0250         1         01/20/25         01/22/25           ND         0.0500         1         01/20/25         01/22/25           ND         0.0250         1         01/20/25         01/22/25           ND         0.0250         1         01/20/25         01/22/25           87.0 %         70-130         01/20/25         01/22/25           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         01/20/25         01/22/25           mg/kg         mg/kg         Analyst: NV           ND         25.0         1         01/20/25         01/21/25           ND         25.0         1         01/20/25         01/21/25           ND         50.0         1         01/20/25         01/21/25



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	1/24/2025 12:38:02PM

#### FS14 7'

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



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	1/24/2025 12:38:02PM

#### FS15 7'

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

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	1/24/2025 12:38:02PM

#### FS16 4' E501125-16

		2001120 10				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: SL		Batch: 2504006
Benzene	ND	0.0250	1	01/20/25	01/23/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/23/25	
Toluene	ND	0.0250	1	01/20/25	01/23/25	
o-Xylene	ND	0.0250	1	01/20/25	01/23/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/23/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/23/25	
Surrogate: 4-Bromochlorobenzene-PID		84.9 %	70-130	01/20/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: SL		Batch: 2504006
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.7 %	70-130	01/20/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2504015
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/25	01/21/25	
Surrogate: n-Nonane		109 %	50-200	01/20/25	01/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: DT		Batch: 2504009
Chloride	ND	20.0	1	01/20/25	01/22/25	



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	1/24/2025 12:38:02PM

#### FS17 4' E501125-17

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



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	1/24/2025 12:38:02PM

#### FS18 4'

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



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	1/24/2025 12:38:02PM

#### FS19 4'

		E501125-19				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	rganics by EPA 8021B mg/kg mg/kg Analyst: SL			Batch: 2504006		
Benzene	ND	0.0250	1	01/20/25	01/23/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/23/25	
Toluene	ND	0.0250	1	01/20/25	01/23/25	
p-Xylene	ND	0.0250	1	01/20/25	01/23/25	
o,m-Xylene	ND	0.0500	1	01/20/25	01/23/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/23/25	
Surrogate: 4-Bromochlorobenzene-PID		84.2 %	70-130	01/20/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2504006
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.5 %	70-130	01/20/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: NV		Batch: 2504015
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/25	01/21/25	
Surrogate: n-Nonane		107 %	50-200	01/20/25	01/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: DT		Batch: 2504009
Chloride	ND	20.0	1	01/20/25	01/22/25	



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	1/24/2025 12:38:02PM

#### FS20 4'

	Penartina					
Result	Limit	Dilut	ion Pre	pared	Analyzed	Notes
mg/kg	mg/kg	A	Analyst: SL			Batch: 2504006
ND	0.0250	1	01/2	20/25	01/23/25	
ND	0.0250	1	01/2	20/25	01/23/25	
ND	0.0250	1	01/2	20/25	01/23/25	
ND	0.0250	1	01/2	20/25	01/23/25	
ND	0.0500	1	01/2	20/25	01/23/25	
ND	0.0250	1	01/	20/25	01/23/25	
	86.7 %	70-130	01/.	20/25	01/23/25	
mg/kg	mg/kg	Α	Analyst: SL			Batch: 2504006
ND	20.0	1	01/	20/25	01/23/25	
	98.0 %	70-130	01/	20/25	01/23/25	
mg/kg	mg/kg	Α	Analyst: NV			Batch: 2504015
ND	25.0	1	01/	20/25	01/21/25	
		1	01/	20/25	01/21/25	
ND	50.0	1	01/.	20/23	01/21/23	
ND	115 %	50-200		20/25	01/21/25	
ND mg/kg						Batch: 2504009
	mg/kg  ND Mg/kg	mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           86.7 %         mg/kg           MD         20.0           98.0 %         mg/kg           mg/kg         mg/kg	Result         Limit         Dilut           mg/kg         mg/kg         A           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           MD         0.0250         1           86.7 %         70-130         70-130           mg/kg         mg/kg         A           ND         20.0         1           98.0 %         70-130           mg/kg         mg/kg         A	Result         Limit         Dilution         Prediction           mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         01/           ND         0.0250         1         01/           ND         0.0250         1         01/           ND         0.0250         1         01/           ND         0.0500         1         01/           ND         0.0250         1         01/           86.7 %         70-130         01/           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         01/           98.0 %         70-130         01/           mg/kg         Mg/kg         Analyst: NV	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         01/20/25           ND         0.0250         1         01/20/25           ND         0.0250         1         01/20/25           ND         0.0250         1         01/20/25           ND         0.0500         1         01/20/25           ND         0.0250         1         01/20/25           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         01/20/25           mg/kg         70-130         01/20/25           mg/kg         mg/kg         Analyst: SL	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         01/20/25         01/23/25           ND         0.0500         1         01/20/25         01/23/25           ND         0.0250         1         01/20/25         01/23/25           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         01/20/25         01/23/25           mg/kg         mg/kg         Analyst: SL         01/23/25           mg/kg         mg/kg         Analyst: SL



Devon Energy - Carlsbad FLAGLER 8 CTB 1 Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Erick Herrera 1/24/2025 12:38:02PM **Volatile Organics by EPA 8021B** Analyst: SL Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2504006-BLK1) Prepared: 01/20/25 Analyzed: 01/22/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 6.93 8.00 86.7 70-130 LCS (2504006-BS1) Prepared: 01/20/25 Analyzed: 01/22/25 4.95 99.0 70-130 5.00 Benzene 0.0250 Ethylbenzene 4.85 0.0250 5.00 97.1 70-130 4.95 0.0250 5.00 99.0 70-130 Toluene 97.0 o-Xylene 4.85 0.0250 5.00 70-130 9.85 10.0 70-130 0.0500 p.m-Xvlene 98.0 14.7 15.0 70-130 Total Xylenes 0.0250 8.00 88.0 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.04 Matrix Spike (2504006-MS1) Source: E501125-13 Prepared: 01/20/25 Analyzed: 01/22/25 5.58 0.0250 5.00 ND 112 54-133 Benzene ND 61-133 Ethylbenzene 5.35 0.0250 5.00 107 Toluene 5.48 0.0250 5.00 ND 110 61-130 5.33 ND 107 63-131 5.00 0.0250 o-Xylene p,m-Xylene 10.9 0.0500 10.0 ND 109 63-131 0.0250 15.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.00 8.00 Matrix Spike Dup (2504006-MSD1) Source: E501125-13 Prepared: 01/20/25 Analyzed: 01/22/25 5.10 0.0250 5.00 ND 102 54-133 9.03 61-133 8.97 4.89 0.0250 5.00 ND 97.9 20 Ethylbenzene Toluene 5.01 0.0250 5.00 ND 100 61-130 8 97 20 4.88 5.00 ND 97.5 63-131 8.93 20 o-Xylene 0.0250 9.96 10.0 ND 99.6 63-131 8.75 20 p,m-Xylene 0.0500



14.8

7.06

0.0250

15.0

8.00

ND

98.9

88.2

63-131

70-130

8.81

20

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Devon Energy - Carlsbad FLAGLER 8 CTB 1 Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Erick Herrera 1/24/2025 12:38:02PM **Volatile Organics by EPA 8021B** Analyst: SL Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2504044-BLK1) Prepared: 01/21/25 Analyzed: 01/23/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 6.79 8.00 84.9 70-130 LCS (2504044-BS1) Prepared: 01/21/25 Analyzed: 01/23/25 4.97 99.5 70-130 5.00 Benzene 0.0250 Ethylbenzene 4.77 0.0250 5.00 95.4 70-130 4.88 0.0250 5.00 97.7 70-130 Toluene 4.74 o-Xylene 0.0250 5.00 94.7 70-130 9.68 10.0 96.8 70-130 0.0500 p.m-Xvlene 96.1 70-130 14.4 15.0 Total Xylenes 0.0250 8.00 85.6 70-130 Surrogate: 4-Bromochlorobenzene-PID 6.85 Matrix Spike (2504044-MS1) Source: E501137-05 Prepared: 01/21/25 Analyzed: 01/23/25 5.12 0.0250 5.00 ND 54-133 Benzene ND 97.4 61-133 Ethylbenzene 4.87 0.0250 5.00 Toluene 5.03 0.0250 5.00 ND 101 61-130 ND 97.1 63-131 4.86 5.00 0.0250 o-Xylene p,m-Xylene 9.88 0.0500 10.0 ND 98.8 63-131 14.7 0.0250 15.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 6.77 8.00 Matrix Spike Dup (2504044-MSD1) Source: E501137-05 Prepared: 01/21/25 Analyzed: 01/23/25 4.80 0.0250 5.00 ND 54-133 6.41 61-133 6.28 4.57 0.0250 5.00 ND 91.5 20 Ethylbenzene 61-130 Toluene 4 72 0.0250 5.00 ND 944 6.22 20 4.57 5.00 ND 91.4 63-131 6.04 20 o-Xylene 0.0250 9.29 10.0 ND 92.9 63-131 6.19 20 p,m-Xylene 0.0500 Total Xylenes 13.9 0.0250 15.0 ND 92.4 63-131 6.14 20

8.00

84.8

70-130



Surrogate: 4-Bromochlorobenzene-PID

6.78

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

Artesia NM, 88210		Project Manage	r: Er	ick Herrera				1/	24/2025 12:38:02PM		
	Nonhalogenated Organics by EPA 8015D - GRO								Analyst: SL		
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes		
Blank (2504006-BLK1)							Prepared: 0	1/20/25 Ana	alyzed: 01/22/25		
Gasoline Range Organics (C6-C10)	ND	20.0									
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.68		8.00		95.9	70-130					
LCS (2504006-BS2)							Prepared: 0	1/20/25 Ana	alyzed: 01/24/25		
Gasoline Range Organics (C6-C10)	41.5	20.0	50.0		82.9	70-130					
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.85		8.00		98.2	70-130					
Matrix Spike (2504006-MS2)				Source:	E501125-1	13	Prepared: 0	1/20/25 Ana	alyzed: 01/22/25		
Gasoline Range Organics (C6-C10)	44.3	20.0	50.0	ND	88.7	70-130					
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.78		8.00		97.3	70-130					
Matrix Spike Dup (2504006-MSD2)				Source:	E501125-1	13	Prepared: 0	1/20/25 Ana	alyzed: 01/22/25		
Gasoline Range Organics (C6-C10)	44.4	20.0	50.0	ND	88.8	70-130	0.173	20			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.86		8.00		98.2	70-130					



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

Artesia NM, 88210		Project Manage	r: Er	ick Herrera				1/	24/2025 12:38:02PM
	Non	Analyst: SL							
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2504044-BLK1)							Prepared: 0	1/21/25 Ana	alyzed: 01/23/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.77		8.00		97.1	70-130			
LCS (2504044-BS2)							Prepared: 0	1/21/25 Ana	lyzed: 01/23/25
Gasoline Range Organics (C6-C10)	41.3	20.0	50.0		82.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.95		8.00		99.4	70-130			
Matrix Spike (2504044-MS2)				Source:	E501137-0	)5	Prepared: 0	1/21/25 Ana	lyzed: 01/23/25
Gasoline Range Organics (C6-C10)	42.6	20.0	50.0	ND	85.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.93		8.00		99.2	70-130			
Matrix Spike Dup (2504044-MSD2)				Source:	E501137-0	)5	Prepared: 0	1/21/25 Ana	lyzed: 01/23/25
Gasoline Range Organics (C6-C10)	41.9	20.0	50.0	ND	83.8	70-130	1.68	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.95		8.00		99.3	70-130			

Devon Energy - CarlsbadProject Name:FLAGLER 8 CTB 1Reported:6488 7 Rivers HwyProject Number:01058-0007Artesia NM, 88210Project Manager:Erick Herrera1/24/2025 12:38:02PM

Artesia NM, 88210		Project Manager	r: En	ick Herrera					1/24/2025 12:38:02PN
	Nonha		Analyst: NV						
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2504015-BLK1)							Prepared: 0	1/20/25 A	nalyzed: 01/21/25
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	53.9		50.0		108	50-200			
LCS (2504015-BS1)							Prepared: 0	1/20/25 A	nalyzed: 01/21/25
Diesel Range Organics (C10-C28)	248	25.0	250		99.3	38-132			
urrogate: n-Nonane	53.7		50.0		107	50-200			
Matrix Spike (2504015-MS1)				Source:	E501125-1	17	Prepared: 0	1/20/25 A	nalyzed: 01/21/25
Diesel Range Organics (C10-C28)	254	25.0	250	ND	102	38-132			
urrogate: n-Nonane	55.9		50.0		112	50-200			
Matrix Spike Dup (2504015-MSD1)				Source:	E501125-1	17	Prepared: 0	1/20/25 A	nalyzed: 01/21/25
Diesel Range Organics (C10-C28)	268	25.0	250	ND	107	38-132	5.39	20	
urrogate: n-Nonane	56.7		50.0		113	50-200			

## **QC Summary Data**

Devon Energy - Carlsbad		Project Name:		LAGLER 8 C	TB 1				Reported:
6488 7 Rivers Hwy Artesia NM, 88210		Project Number: Project Manager:		1058-0007 rick Herrera					1/24/2025 12:38:02PM
		Anions	by EPA 3	300.0/9056 <i>A</i>	4				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2504009-BLK1)							Prepared:	01/20/25	Analyzed: 01/21/25
Chloride	ND	20.0							
LCS (2504009-BS1)							Prepared:	01/20/25	Analyzed: 01/21/25
Chloride	257	20.0	250		103	90-110			
Matrix Spike (2504009-MS1)				Source:	E501125-0	)3	Prepared:	01/20/25	Analyzed: 01/21/25
Chloride	266	20.0	250	ND	106	80-120			
Matrix Spike Dup (2504009-MSD1)				Source:	E501125-0	)3	Prepared:	01/20/25	Analyzed: 01/21/25
Chloride	268	20.0	250	ND	107	80-120	1.05	20	

#### QC Summary Report Comment:

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



## **Definitions and Notes**

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	01/24/25 12:38

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Received by OCD: 7/17/2025 3:46:15 PM

roject ii								Citati o	Custouy													. 484 _	-
Client: D	evon Ener	gy Produ	iction Co	LP			Bill To			e de An	Lab	Use	Only				Date-	TA	λT		EPA	rogram	
Project: I	LAGLER 8	CTB 1			A	ttention: Jim Ra	ley		Lab WQ	#	1		Job	Num	oer _	1D	2D	3D	Sta	andard	CWA	SDWA	1
	lanager: l				A	ddress: 5315 Bu	ena Vista Dr.	)	Lab WO	112	15		010	28.1	1 000				50	day TAT			_
	13000 W				C	ty, State, Zip: Ca	arlsbad, NM, 8822	.0				Ar	alysis	and	Method							RCRA	
	e, Zip_Od		79765		P	none: 575-885-7	7502									T							
Phone: 4	32-305-6	414			E	mail: jim.raley@	dvn.com		100	by 8015						1					State		-
Email: De	evon-tean	n@etech	env.com		N	O: 21179750		11		by 8						1				NM CO	UT A	Z TX	_
Collected	l by: Edyt	e Konan			Ir	cident ID: NAPP	2328556500 21061477	00	Ti Ti	TPH GRO/DRO/ORO	8021	3260	010	300.0		Z		X		×			
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID		Lab Number	Depth(ft.)	TPH GRC	BTEX by	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC		GDOC			Remark	s	
14:00	01.16.25	S	1			FS01		1	4'							х							
14:10	01.16.25	S	1			FS02		2	4'							х							
14:20	01.16.25	S	1			FS03		3	4'							х							
14:30	01.16.25	S	1			FS04		4	41							х							
14:40	01.16.25	S	1		***************************************	FS05		5	4'							х							
14:50	01.16.25	S	1			FS06		6	4'							х							
15:00	01.16.25	S	1		***************************************	FS07		7	7'							х							-
15:10	01.16.25	S	1			FS08		8	7'							х							-
15:20	01.16.25	S	1			FS09		9	7'							х							
15:30	01.16.25	S	1			FS10		10	7'							х							
Addition	al Instruc	tions:				The second secon			Į.														-
					ample. I am awa		h or intentionally mislab	elling the sampl	e location,											on ice the day n 6 °C on subs			
	ed by: (Sign		Date	17125	Time	Received by: (Si		Date 1-17	25	Time	83	0	Rece	eived	on ice:		Jab U Y/N		ly				
Relinquish	by: (Sign	ature)	Date	7.25	Time 1605	Received by: (\$	gnatore)	Date /./7.		Time	64	3	T1			T2	,			T3			
Relinquish	ed by: Sign	ature)	Date	7.25	13/5	Received by: (Si	ignature)	Date 20°	25	Time	70			Tem	p°C	4							
ample Mat	rix: S - Soil, So	d - Solid, Sg -	Sludge, A - A	queous, O - 0	Other	tu	my man	Container	Type: g -	glass,	<b>p</b> - po						- VOA	A					-
	1 11		Ch						111 6		alland			J - f - 4	Al- allas		A 535 535	Th					_

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above



envirotech gas

Client: D	evon Enei	ray Produ	iction Co.	р [	Bill To				Lah	Use	Only		Selection.	1		TA	T		FPΔ	Program
	FLAGLER 8		iction co i	-	Attention: Jim Raley		Lab WC	)#		036		Numbe	r	1D	2D	3D		andard	CWA	SDWA
	Manager:		rera		Address: 5315 Buena Vista	Dr.	Lab WC	5112	15		MI	58.0	707	-	20	30		lay TAT	Civit	35 1171
	13000 W				City, State, Zip: Carlsbad, N			1112				s and M		1						RCRA
	te, Zip_Oc				Phone: 575-885-7502			T	Т	Γ	<u> </u>	ПП		Γ	T					
	32-305-6				Email: jim.raley@dvn.com			015						1			İ		State	
	evon-tean		env.com		WO: 21179750			by 8						1			ı	NM CO	UT A	Z TX
Collected	d by: Edyt	e Konan			Incident ID: NAPP2328556	<del>508</del> -17760		TPH GRO/DRO/ORO by 8015	8021	3260	010	300.0		M		ΧL		×		
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID	Lab Number	Depth(ft.)	TPH GRO	втех ьу	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC		GDOC			Remark	S
15:40	01.16.25	S	1		FS11	11	7'							х						
15:50	01.16.25	S	1		FS12	12	4'							х						
16:00	01.16.25	S	1		FS13	13	4'							х						
16:10	01.16.25	S	1		FS14	14	7'							х						
16:20	01.16.25	S	1		FS15	15	7'							х						
16:30	01.16.25	S	1		FS16	14	4'							х						
16:40	01.16.25	S	1		FS17	17	4'							х						
16:50	01.16.25	S	1		FS18	10	4'							х						
17:00	01.16.25	S	1		FS19	19	4'							х						
17:10	01.16.25	S	1		FS20	10	4'							х						
Addition	al Instruc	tions:												•						
	March 2000 1000			icity of this sample. I a	m aware that tampering with or intentional action.  Sampled by: Ex		le location,				1 0	N	9					on ice the day n 6 °C on subs		
Relinquish	ed by: (Sign	atyre)	Date Ol	117126 8:3	Received by: (Signature)	sales 1-17	25	Time	88	0	Rec	eived o	n ice:		ab L	lse On	ily			
Relinquish	ed by: (Sign	ature)	es Date	1725 Time	Received by: (Signature)	Date	7.20	Time	160	115	T1			T2				T3		
Relinquish	ed by: (Sign	ature)	Date	Time	Received by: (Signature)	Oate 1.7h.	75	Time	:21	)	AVO	Temp	°c L	+						
Sample Mat	rix: S - Soil, So	d - Solid, Sg -	Sludge, A - A	queous, O - Other	all the	Container	Type: g -	glass.	<b>p</b> - p	oly/p				iss, v	- VO	A			The second	
					nless other arrangements are made												port fo	or the anal	ysis of the	above



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

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	01/20/25 (	07:20		Work Order ID:	E501125
Phone:	(575) 748-0176	Date Logged In:	01/17/25	15:17		Logged In By:	Caitlin Mars
Email:		Due Date:	01/24/25	17:00 (4 day TAT)			
G1 1 6							
	Custody (COC)		37				
	he sample ID match the COC?	oh the COC	Yes				
	he number of samples per sampling site location mat amples dropped off by client or carrier?	ch the COC	Yes				
		10	Yes Yes	Carrier: C	Courier		
	e COC complete, i.e., signatures, dates/times, reques	sted analyses?					
5. were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted ir i.e, 15 minute hold time, are not included in this disucssion		Yes			<u>Comments</u>	s/Resolution
Sample 7	<u> [urn Around Time (TAT)</u>						
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes				
Sample (	<u>Cooler</u>						
7. Was a	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was th	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes	, were custody/security seals intact?		NA				
	ne sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes				
	Container	<u> </u>	<u>~</u>				
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers'	)	Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field Lal	· · · · · · · · · · · · · · · · · · ·	iers conceteur.	103				
•	field sample labels filled out with the minimum info	rmation:					
	ample ID?	ination.	Yes				
	Pate/Time Collected?		Yes	l			
C	follectors name?		No				
Sample I	Preservation_						
21. Does	the COC or field labels indicate the samples were pr	eserved?	No				
22. Are s	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved m	netals?	No				
Multipha	ase Sample Matrix						
26. Does	the sample have more than one phase, i.e., multipha	se?	No				
27. If yes	, does the COC specify which phase(s) is to be analy	zed?	NA				
	ract Laboratory						
	amples required to get sent to a subcontract laborator	my9	No				
	amples required to get sent to a subcontract laborator as subcontract laboratory specified by the client and if	-	NA	Subcontract Lab	NI A		
		so who:	INA	Subcontract Lab	); NA		
Client I	<u>nstruction</u>						

Date

Report to:
Erick Herrera



5796 U.S. Hwy 64 Farmington, NM 87401

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





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# **Analytical Report**

Devon Energy - Carlsbad

Project Name: FLAGLER 8 CTB 1

Work Order: E501171

Job Number: 01058-0007

Received: 1/24/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 1/28/25

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

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

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

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

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

Date Reported: 1/28/25

Erick Herrera 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: FLAGLER 8 CTB 1

Workorder: E501171

Date Received: 1/24/2025 7:30:00AM

Erick Herrera,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/24/2025 7:30:00AM, under the Project Name: FLAGLER 8 CTB 1.

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

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

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Field Offices:

**Southern New Mexico Area** 

Lynn Jarboe

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

Cell: 505-320-4759

ljarboe@envirotech-inc.com

**Michelle Gonzales** 

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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## Sample Summary

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Donoutoda
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	01/28/25 09:03

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW01 4-7'	E501171-01A	Soil	01/22/25	01/24/25	Glass Jar, 2 oz.
SW02 0-4'	E501171-02A	Soil	01/22/25	01/24/25	Glass Jar, 2 oz.
SW03 0-4'	E501171-03A	Soil	01/22/25	01/24/25	Glass Jar, 2 oz.
SW04 0-4'	E501171-04A	Soil	01/22/25	01/24/25	Glass Jar, 2 oz.
SW05 0-4'	E501171-05A	Soil	01/22/25	01/24/25	Glass Jar, 2 oz.
SW06 0-7'	E501171-06A	Soil	01/22/25	01/24/25	Glass Jar, 2 oz.
SW07 0-7'	E501171-07A	Soil	01/22/25	01/24/25	Glass Jar, 2 oz.
SW08 0-7'	E501171-08A	Soil	01/22/25	01/24/25	Glass Jar, 2 oz.
SW09 0-7'	E501171-09A	Soil	01/22/25	01/24/25	Glass Jar, 2 oz.
SW10 0-4'	E501171-10A	Soil	01/22/25	01/24/25	Glass Jar, 2 oz.
SW11 0-4'	E501171-11A	Soil	01/22/25	01/24/25	Glass Jar, 2 oz.
SW12 0-4'	E501171-12A	Soil	01/22/25	01/24/25	Glass Jar, 2 oz.
SW13 0-4'	E501171-13A	Soil	01/22/25	01/24/25	Glass Jar, 2 oz.
SW14 0-7'	E501171-14A	Soil	01/22/25	01/24/25	Glass Jar, 2 oz.
SW15 0-7'	E501171-15A	Soil	01/22/25	01/24/25	Glass Jar, 2 oz.
SW16 4-7'	E501171-16A	Soil	01/22/25	01/24/25	Glass Jar, 2 oz.
SW17 4-7'	E501171-17A	Soil	01/22/25	01/24/25	Glass Jar, 2 oz.
SW18 4-7'	E501171-18A	Soil	01/22/25	01/24/25	Glass Jar, 2 oz.



Devon Energy - CarlsbadProject Name:FLAGLER 8 CTB 16488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera1/28/2025 9:03:34AM

#### SW01 4-7' E501171-01

	Reporting					
Result	Limit	Dil	ution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst:	: BA		Batch: 2504121
ND	0.0250		1	01/24/25	01/26/25	
ND	0.0250		1	01/24/25	01/26/25	
ND	0.0250		1	01/24/25	01/26/25	
ND	0.0250		1	01/24/25	01/26/25	
ND	0.0500		1	01/24/25	01/26/25	
ND	0.0250		1	01/24/25	01/26/25	
	97.9 %	70-130		01/24/25	01/26/25	
	101 %	70-130		01/24/25	01/26/25	
	102 %	70-130		01/24/25	01/26/25	
mg/kg	mg/kg		Analyst:	: BA		Batch: 2504121
ND	20.0		1	01/24/25	01/26/25	
	97.9 %	70-130		01/24/25	01/26/25	
	101 %	70-130		01/24/25	01/26/25	
	102 %	70-130		01/24/25	01/26/25	
mg/kg	mg/kg		Analyst:	: AF		Batch: 2504126
ND	25.0	_	1	01/24/25	01/24/25	
ND	50.0		1	01/24/25	01/24/25	
	114 %	50-200		01/24/25	01/24/25	
mg/kg	mg/kg		Analyst:	: AK		Batch: 2504127
mg/kg	mg/kg		Analyst:	: AK		Batch: 2504127
	mg/kg ND	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           97.9 %         101 %           102 %         mg/kg           ND         20.0           97.9 %         101 %           102 %         102 %           mg/kg         mg/kg           ND         25.0           ND         50.0	Result         Limit         Dil           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0500           ND         0.0250           97.9 %         70-130           101 %         70-130           102 %         70-130           mg/kg         mg/kg           ND         20.0           97.9 %         70-130           101 %         70-130           102 %         70-130           mg/kg         mg/kg           ND         25.0           ND         50.0	Result         Limit         Dilution           mg/kg         mg/kg         Analyst           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         70-130         1           101 %         70-130         1           mg/kg         mg/kg         Analyst           ND         20.0         1           97.9 %         70-130         1           101 %         70-130         1           mg/kg         mg/kg         Analyst           ND         25.0         1           ND         50.0         1	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: BA           ND         0.0250         1         01/24/25           ND         0.0250         1         01/24/25           ND         0.0250         1         01/24/25           ND         0.0250         1         01/24/25           ND         0.0500         1         01/24/25           ND         0.0250         1         01/24/25           101%         70-130         01/24/25           101%         70-130         01/24/25           102%         70-130         01/24/25           mg/kg         mg/kg         Analyst: BA           ND         20.0         1         01/24/25           101%         70-130         01/24/25           102%         70-130         01/24/25           102%         70-130         01/24/25           102%         70-130         01/24/25           102%         70-130         01/24/25           102%         70-130         01/24/25           ND         25.0         1         01/24/25           ND         50.0	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: BA           ND         0.0250         1         01/24/25         01/26/25           ND         0.0250         1         01/24/25         01/26/25           ND         0.0250         1         01/24/25         01/26/25           ND         0.0500         1         01/24/25         01/26/25           ND         0.0500         1         01/24/25         01/26/25           ND         0.0250         1         01/24/25         01/26/25           ND         0.0250         1         01/24/25         01/26/25           ND         70-130         01/24/25         01/26/25           101%         70-130         01/24/25         01/26/25           mg/kg         mg/kg         Analyst: BA           ND         20.0         1         01/24/25         01/26/25           101%         70-130         01/24/25         01/26/25           102%         70-130         01/24/25         01/26/25           102%         70-130         01/24/25         01/26/25           102%         70-130



Devon Energy - CarlsbadProject Name:FLAGLER 8 CTB 16488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera1/28/20259:03:34AM

#### SW02 0-4' E501171-02

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



Devon Energy - CarlsbadProject Name:FLAGLER 8 CTB 16488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera1/28/20259:03:34AM

#### SW03 0-4' E501171-03

Pacult	Reporting	Dib	tion	Prepared	Analyzad	Notes
Resuit	Lillit	Dilu		Frepareu	Allalyzeu	Notes
mg/kg	mg/kg		Analyst:	BA		Batch: 2504121
ND	0.0250	1		01/24/25	01/26/25	
ND	0.0250	1		01/24/25	01/26/25	
ND	0.0250	1		01/24/25	01/26/25	
ND	0.0250	1		01/24/25	01/26/25	
ND	0.0500	1		01/24/25	01/26/25	
ND	0.0250	1		01/24/25	01/26/25	
	96.9 %	70-130		01/24/25	01/26/25	
	103 %	70-130		01/24/25	01/26/25	
	101 %	70-130		01/24/25	01/26/25	
mg/kg	mg/kg		Analyst:	BA		Batch: 2504121
ND	20.0	1		01/24/25	01/26/25	
	96.9 %	70-130		01/24/25	01/26/25	
	103 %	70-130		01/24/25	01/26/25	
	101 %	70-130		01/24/25	01/26/25	
mg/kg	mg/kg	ي	Analyst:	AF		Batch: 2504126
ND	25.0	1		01/24/25	01/24/25	
ND	50.0	1		01/24/25	01/24/25	
·	110 %	50-200		01/24/25	01/24/25	
mg/kg	mg/kg		Analyst:	AK		Batch: 2504127
24.0	20.0	1		01/24/25	01/24/25	
	ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           MD         0.0250           MD         103 %           101 %         101 %           mg/kg         mg/kg           ND         20.0           mg/kg         mg/kg           ND         25.0           ND         50.0           110 %         mg/kg           mg/kg         mg/kg	mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           101%         70-130           101%         70-130           101%         70-130           103%         70-130           103%         70-130           101%         70-130           101%         70-130           mg/kg         mg/kg           ND         25.0           ND         50.0           110%         50-200           mg/kg         mg/kg	mg/kg         mg/kg         Analyst:           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           103 %         70-130         70-130           101 %         70-130         1           ND         20.0         1           96.9 %         70-130         1           103 %         70-130         70-130           101 %         70-130         1           Mg/kg         mg/kg         Analyst:           ND         25.0         1           ND         50.0         1           110 %         50-200           mg/kg         Analyst:	mg/kg         mg/kg         Analyst: BA           ND         0.0250         1         01/24/25           ND         0.0250         1         01/24/25           ND         0.0250         1         01/24/25           ND         0.0250         1         01/24/25           ND         0.0500         1         01/24/25           ND         0.0250         1         01/24/25           ND         0.0250         1         01/24/25           103 %         70-130         01/24/25           101 %         70-130         01/24/25           mg/kg         mg/kg         Analyst: BA           ND         20.0         1         01/24/25           103 %         70-130         01/24/25           103 %         70-130         01/24/25           101 %         70-130         01/24/25           101 %         70-130         01/24/25           ND         25.0         1         01/24/25           ND         50.0         1         01/24/25           ND         50.0         1         01/24/25           ND         50.0         01/24/25           110 %	mg/kg         mg/kg         Analyst: BA           ND         0.0250         1         01/24/25         01/26/25           ND         0.0500         1         01/24/25         01/26/25           ND         0.0250         1         01/24/25         01/26/25           ND         0.0250         1         01/24/25         01/26/25           ND         0.0250         1         01/24/25         01/26/25           103 %         70-130         01/24/25         01/26/25           101 %         70-130         01/24/25         01/26/25           mg/kg         mg/kg         Analyst: BA           ND         20.0         1         01/24/25         01/26/25           103 %         70-130         01/24/25         01/26/25           103 %         70-130         01/24/25         01/26/25           mg/kg         mg/kg         Analyst: AF           ND         25.0         1         01/2



Devon Energy - CarlsbadProject Name:FLAGLER 8 CTB 16488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera1/28/20259:03:34AM

#### SW04 0-4' E501171-04

		E5011/1-04					
Analyte	Result	Reporting Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Analyte	Result	Limit	Dilu	шоп	rrepared	Anaryzeu	notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: BA			Batch: 2504121
Benzene	ND	0.0250	1	1	01/24/25	01/26/25	
Ethylbenzene	ND	0.0250	1	1	01/24/25	01/26/25	
Toluene	ND	0.0250	1	1	01/24/25	01/26/25	
o-Xylene	ND	0.0250	1	1	01/24/25	01/26/25	
p,m-Xylene	ND	0.0500	1	1	01/24/25	01/26/25	
Total Xylenes	ND	0.0250	1	1	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene		98.6 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8		102 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2504121
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene		98.6 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8		102 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: AF		Batch: 2504126	
Diesel Range Organics (C10-C28)	ND	25.0	1	1	01/24/25	01/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	l	01/24/25	01/24/25	
Surrogate: n-Nonane		111 %	50-200		01/24/25	01/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	AK		Batch: 2504127
Chloride	ND	20.0	1	1	01/24/25	01/24/25	

Devon Energy - CarlsbadProject Name:FLAGLER 8 CTB 16488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera1/28/2025 9:03:34AM

#### SW05 0-4' E501171-05

		E301171-03					
Analyte	Result	Reporting Limit	Dilu	ution	Prepared	Analyzed	Notes
Analyte	Result	Limit	Dilu	IIIOII	rrepareu	Anaryzed	inotes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2504121
Benzene	ND	0.0250	1	1	01/24/25	01/26/25	
Ethylbenzene	ND	0.0250	1	1	01/24/25	01/26/25	
Toluene	ND	0.0250	1	1	01/24/25	01/26/25	
o-Xylene	ND	0.0250	1	1	01/24/25	01/26/25	
p,m-Xylene	ND	0.0500	1	1	01/24/25	01/26/25	
Total Xylenes	ND	0.0250	1	1	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene		98.1 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8		103 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA			Batch: 2504121
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene		98.1 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8		103 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	AF		Batch: 2504126
Diesel Range Organics (C10-C28)	ND	25.0	1	1	01/24/25	01/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	1	01/24/25	01/24/25	
Surrogate: n-Nonane		114 %	50-200		01/24/25	01/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	AK		Batch: 2504127
Chloride	ND	20.0	1	1	01/24/25	01/24/25	



Devon Energy - CarlsbadProject Name:FLAGLER 8 CTB 16488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera1/28/20259:03:34AM

#### SW06 0-7' E501171-06

		E301171-00					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: BA			Batch: 2504121
Benzene	ND	0.0250	1	l	01/24/25	01/26/25	
Ethylbenzene	ND	0.0250	1	l	01/24/25	01/26/25	
Toluene	ND	0.0250	1	l	01/24/25	01/26/25	
o-Xylene	ND	0.0250	1	l	01/24/25	01/26/25	
p,m-Xylene	ND	0.0500	1	l	01/24/25	01/26/25	
Total Xylenes	ND	0.0250	1	l	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene		97.2 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8		102 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2504121	
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene		97.2 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8		102 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: A	F		Batch: 2504126
Diesel Range Organics (C10-C28)	ND	25.0	1	l	01/24/25	01/24/25	_
Oil Range Organics (C28-C36)	ND	50.0	1	<u> </u>	01/24/25	01/24/25	
Surrogate: n-Nonane		110 %	50-200		01/24/25	01/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: A	K		Batch: 2504127
Chloride	ND	20.0	1	l	01/24/25	01/24/25	



Devon Energy - CarlsbadProject Name:FLAGLER 8 CTB 16488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera1/28/20259:03:34AM

### SW07 0-7' E501171-07

		E301171-07					
		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: B	A		Batch: 2504121
Benzene	ND	0.0250	1	l	01/24/25	01/26/25	
Ethylbenzene	ND	0.0250	1	I	01/24/25	01/26/25	
Toluene	ND	0.0250	1	l	01/24/25	01/26/25	
o-Xylene	ND	0.0250	1	l	01/24/25	01/26/25	
p,m-Xylene	ND	0.0500	1	l	01/24/25	01/26/25	
Total Xylenes	ND	0.0250	1	Į	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene		97.4 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8		102 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: B	A		Batch: 2504121
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene		97.4 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8		102 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: A	F		Batch: 2504126
Diesel Range Organics (C10-C28)	ND	25.0	1	l	01/24/25	01/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	l	01/24/25	01/24/25	
Surrogate: n-Nonane		108 %	50-200		01/24/25	01/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: A	K		Batch: 2504127
Chloride	ND	20.0	1	l	01/24/25	01/24/25	



Devon Energy - CarlsbadProject Name:FLAGLER 8 CTB 16488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera1/28/20259:03:34AM

#### SW08 0-7'

#### E501171-08 Reporting Analyte Limit Dilution Analyzed Result Prepared Notes Analyst: BA Batch: 2504121 mg/kg mg/kg Volatile Organic Compounds by EPA 8260B 01/24/25 01/26/25 ND 0.0250 Benzene 01/24/25 01/26/25 Ethylbenzene ND 0.0250 1 ND 0.0250 1 01/24/25 01/26/25 Toluene 1 01/24/25 01/26/25 o-Xylene ND 0.0250 01/24/25 01/26/25 ND 0.0500 1 p,m-Xylene 01/24/25 01/26/25 1 Total Xylenes ND 0.0250 97.7 % 01/24/25 01/26/25 Surrogate: Bromofluorobenzene 70-130 01/26/25 Surrogate: 1,2-Dichloroethane-d4 106 % 70-130 01/24/25 Surrogate: Toluene-d8 103 % 70-130 01/24/25 01/26/25 Nonhalogenated Organics by EPA 8015D - GRO mg/kg mg/kg Analyst: BA Batch: 2504121 ND 1 01/24/25 01/26/25 20.0 Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene 97.7 % 01/24/25 01/26/25 70-130 01/24/25 01/26/25 Surrogate: 1,2-Dichloroethane-d4 106 % 70-130 Surrogate: Toluene-d8 01/24/25 01/26/25 103 % 70-130 mg/kg Analyst: AF Batch: 2504126 mg/kg Nonhalogenated Organics by EPA 8015D - DRO/ORO 01/24/25 01/24/25 ND 25.0 1 Diesel Range Organics (C10-C28) ND 50.0 1 01/24/25 01/24/25 Oil Range Organics (C28-C36) 107% 50-200 01/24/2501/24/25 Surrogate: n-Nonane Anions by EPA 300.0/9056A mg/kg mg/kg Analyst: AK Batch: 2504127

20.0

ND

1

01/24/25

01/24/25



Chloride

Devon Energy - CarlsbadProject Name:FLAGLER 8 CTB 16488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera1/28/20259:03:34AM

### SW09 0-7' E501171-09

		E301171-09					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: E	BA		Batch: 2504121
Benzene	ND	0.0250	1		01/24/25	01/26/25	
Ethylbenzene	ND	0.0250	1	l	01/24/25	01/26/25	
Toluene	ND	0.0250	1	l	01/24/25	01/26/25	
o-Xylene	ND	0.0250	1	l	01/24/25	01/26/25	
p,m-Xylene	ND	0.0500	1	l	01/24/25	01/26/25	
Total Xylenes	ND	0.0250	1		01/24/25	01/26/25	
Surrogate: Bromofluorobenzene		97.1 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8		101 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: E	ВА		Batch: 2504121
Gasoline Range Organics (C6-C10)	ND	20.0	1		01/24/25	01/26/25	
Surrogate: Bromofluorobenzene		97.1 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8		101 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: A	AF		Batch: 2504126
Diesel Range Organics (C10-C28)	ND	25.0	1		01/24/25	01/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	<u>.                                    </u>	01/24/25	01/25/25	
Surrogate: n-Nonane		109 %	50-200		01/24/25	01/25/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	_	Analyst: A	AK		Batch: 2504127
Chloride	82.7	20.0	1		01/24/25	01/24/25	



Devon Energy - CarlsbadProject Name:FLAGLER 8 CTB 16488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera1/28/2025 9:03:34AM

### SW10 0-4' E501171-10

		E5011/1-10					
Andre	Result	Reporting Limit		ution	D 4	A l d	Notes
Analyte	Result	Limit	Dili	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: BA		Batch: 2504121
Benzene	ND	0.0250		1	01/24/25	01/26/25	
Ethylbenzene	ND	0.0250		1	01/24/25	01/26/25	
Toluene	ND	0.0250		1	01/24/25	01/26/25	
o-Xylene	ND	0.0250		1	01/24/25	01/26/25	
p,m-Xylene	ND	0.0500		1	01/24/25	01/26/25	
Total Xylenes	ND	0.0250		1	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene		99.3 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8		103 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: BA		Batch: 2504121
Gasoline Range Organics (C6-C10)	ND	20.0		1	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene		99.3 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8		103 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: AF		Batch: 2504126
Diesel Range Organics (C10-C28)	ND	25.0		1	01/24/25	01/25/25	
Oil Range Organics (C28-C36)	ND	50.0		1	01/24/25	01/25/25	
Surrogate: n-Nonane		102 %	50-200		01/24/25	01/25/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: AK		Batch: 2504127
Chloride	77.9	20.0		1	01/24/25	01/24/25	



Devon Energy - CarlsbadProject Name:FLAGLER 8 CTB 16488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera1/28/20259:03:34AM

### SW11 0-4' E501171-11

		E301171-11					
Analyte	Result	Reporting Limit	Dilu	ution	Prepared	Analyzed	Notes
Analyte						Anaryzeu	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2504121
Benzene	ND	0.0250	1	1	01/24/25	01/26/25	
Ethylbenzene	ND	0.0250	1	1	01/24/25	01/26/25	
Toluene	ND	0.0250	1	1	01/24/25	01/26/25	
o-Xylene	ND	0.0250	1	1	01/24/25	01/26/25	
p,m-Xylene	ND	0.0500	1	1	01/24/25	01/26/25	
Total Xylenes	ND	0.0250	1	1	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene		96.3 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8		101 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2504121
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene		96.3 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8		101 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	AF		Batch: 2504126
Diesel Range Organics (C10-C28)	ND	25.0	1	1	01/24/25	01/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	1	01/24/25	01/25/25	
Surrogate: n-Nonane		109 %	50-200	·	01/24/25	01/25/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	AK		Batch: 2504127
Chloride	49.4	20.0	1	1	01/24/25	01/24/25	



Devon Energy - CarlsbadProject Name:FLAGLER 8 CTB 16488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera1/28/20259:03:34AM

### SW12 0-4' E501171-12

	123011/1-12				
Result	Limit	Dilut	tion Prepare	d Analyzed	Notes
mg/kg	mg/kg	A	Analyst: BA		Batch: 2504121
ND	0.0250	1	01/24/2	5 01/26/25	
ND	0.0250	1	01/24/2	5 01/26/25	
ND	0.0250	1	01/24/2	5 01/26/25	
ND	0.0250	1	01/24/2	5 01/26/25	
ND	0.0500	1	01/24/2	5 01/26/25	
ND	0.0250	1	01/24/2	5 01/26/25	
	100 %	70-130	01/24/2	5 01/26/25	
	98.6 %	70-130	01/24/2	5 01/26/25	
	103 %	70-130	01/24/2	5 01/26/25	
mg/kg	mg/kg	A	Analyst: BA		Batch: 2504121
ND	20.0	1	01/24/2	5 01/26/25	
	100 %	70-130	01/24/2	5 01/26/25	
	98.6 %	70-130	01/24/2	5 01/26/25	
	103 %	70-130	01/24/2	5 01/26/25	
mg/kg	mg/kg	A	Analyst: AF		Batch: 2504126
ND	25.0	1	01/24/2	5 01/25/25	
ND	50.0	1	01/24/2	5 01/25/25	
	104 %	50-200	01/24/2	5 01/25/25	
mg/kg	mg/kg	A	Analyst: AK		Batch: 2504127
	ND	Result         Reporting           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           100 %         98.6 %           103 %         mg/kg           ND         20.0           100 %         98.6 %           103 %         mg/kg           mg/kg         mg/kg           ND         25.0           ND         50.0           104 %	Reporting           Result         Limit         Dilute           mg/kg         mg/kg         M           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           100 %         70-130         70-130           98.6 %         70-130         70-130           mg/kg         mg/kg         70-130           mg/kg         mg/kg         70-130           mg/kg         mg/kg         103 %           ND         25.0         1           ND         50.0         1           104 %         50-200	Result         Limit         Dilution         Prepare           mg/kg         mg/kg         Analyst: BA           ND         0.0250         1         01/24/2           ND         0.0250         1         01/24/2           ND         0.0250         1         01/24/2           ND         0.0250         1         01/24/2           ND         0.0500         1         01/24/2           ND         0.0250         1         01/24/2           98.6 %         70-130         01/24/2           98.6 %         70-130         01/24/2           103 %         70-130         01/24/2           98.6 %         70-130         01/24/2           98.6 %         70-130         01/24/2           103 %         70-130         01/24/2           103 %         70-130         01/24/2           103 %         70-130         01/24/2           103 %         70-130         01/24/2           103 %         70-130         01/24/2           103 %         70-130         01/24/2           100 %         70-130         01/24/2           100 %         70-130         01/24/2	Reporting         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: BA           ND         0.0250         1         01/24/25         01/26/25           ND         0.0250         1         01/24/25         01/26/25           ND         0.0250         1         01/24/25         01/26/25           ND         0.0500         1         01/24/25         01/26/25           ND         0.0250         1         01/24/25         01/26/25           ND         0.0250         1         01/24/25         01/26/25           ND         0.0250         1         01/24/25         01/26/25           98.6 %         70-130         01/24/25         01/26/25           98.6 %         70-130         01/24/25         01/26/25           mg/kg         mg/kg         Analyst: BA           ND         20.0         1         01/24/25         01/26/25           98.6 %         70-130         01/24/25         01/26/25           98.6 %         70-130         01/24/25         01/26/25           01/3 %         70-130         01/24/25         01/26/25



Devon Energy - CarlsbadProject Name:FLAGLER 8 CTB 16488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera1/28/20259:03:34AM

### SW13 0-4' E501171-13

		Ecolly 10					
Analyte	Result	Reporting Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: B	•		Batch: 2504121
Benzene	ND	0.0250	1	 l	01/24/25	01/26/25	
Ethylbenzene	ND	0.0250	1	I	01/24/25	01/26/25	
Toluene	ND	0.0250	1	l	01/24/25	01/26/25	
o-Xylene	ND	0.0250	1	l	01/24/25	01/26/25	
p,m-Xylene	ND	0.0500	1	I	01/24/25	01/26/25	
Total Xylenes	ND	0.0250	1	l	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene		96.5 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8		102 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: B	A		Batch: 2504121
Gasoline Range Organics (C6-C10)	ND	20.0	1	Ĺ	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene		96.5 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8		102 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: A	F		Batch: 2504126
Diesel Range Organics (C10-C28)	ND	25.0	1	1	01/24/25	01/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	l	01/24/25	01/25/25	
Surrogate: n-Nonane		106 %	50-200		01/24/25	01/25/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: A	K		Batch: 2504127
Chloride	20.7	20.0	1	l	01/24/25	01/24/25	



Devon Energy - CarlsbadProject Name:FLAGLER 8 CTB 16488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera1/28/20259:03:34AM

### SW14 0-7' E501171-14

	123011/1-14				
	Reporting				
Result	Limit	Diluti	ion Prepared	Analyzed	Notes
mg/kg	mg/kg	А	Analyst: BA		Batch: 2504121
ND	0.0250	1	01/24/25	01/26/25	
ND	0.0250	1	01/24/25	01/26/25	
ND	0.0250	1	01/24/25	01/26/25	
ND	0.0250	1	01/24/25	01/26/25	
ND	0.0500	1	01/24/25	01/26/25	
ND	0.0250	1	01/24/25	01/26/25	
	97.7 %	70-130	01/24/25	01/26/25	
	102 %	70-130	01/24/25	01/26/25	
	103 %	70-130	01/24/25	01/26/25	
mg/kg	mg/kg	Α	Analyst: BA		Batch: 2504121
ND	20.0	1	01/24/25	01/26/25	
	97.7 %	70-130	01/24/25	01/26/25	
	102 %	70-130	01/24/25	01/26/25	
	103 %	70-130	01/24/25	01/26/25	
mg/kg	mg/kg	А	Analyst: AF		Batch: 2504126
ND	25.0	1	01/24/25	01/25/25	
ND	50.0	1	01/24/25	01/25/25	
	111 %	50-200	01/24/25	01/25/25	
mg/kg	mg/kg	А	Analyst: AK		Batch: 2504127
	ND N	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           97.7 %         102 %           103 %         mg/kg           ND         20.0           97.7 %         102 %           103 %         103 %           mg/kg         mg/kg           ND         25.0           ND         50.0           111 %	Reporting           Result         Limit         Dilut           mg/kg         mg/kg         A           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           97.7 %         70-130         102 %           103 %         70-130         1           97.7 %         70-130         1           97.7 %         70-130         1           102 %         70-130         1           103 %         70-130         1           mg/kg         mg/kg         A           ND         25.0         1           ND         50.0         1           111 %         50-200	Reporting Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: BA           ND         0.0250         1         01/24/25           ND         0.0250         1         01/24/25           ND         0.0250         1         01/24/25           ND         0.0250         1         01/24/25           ND         0.0500         1         01/24/25           ND         0.0250         1         01/24/25           ND         70-130         01/24/25           102 %         70-130         01/24/25           103 %         70-130         01/24/25           mg/kg         mg/kg         Analyst: BA           ND         20.0         1         01/24/25           102 %         70-130         01/24/25           103 %         70-130         01/24/25           103 %         70-130         01/24/25           mg/kg         mg/kg         Analyst: AF           ND         25.0         1         01/24/25           ND         50.0         1         01/24/25           ND         50.0         1         01/24/25 </td <td>Reporting         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: BA           ND         0.0250         1         01/24/25         01/26/25           ND         0.0250         1         01/24/25         01/26/25           ND         0.0250         1         01/24/25         01/26/25           ND         0.0500         1         01/24/25         01/26/25           ND         0.0250         1         01/24/25         01/26/25           ND         0.0250         1         01/24/25         01/26/25           ND         0.0250         1         01/24/25         01/26/25           102 %         70-130         01/24/25         01/26/25           103 %         70-130         01/24/25         01/26/25           mg/kg         mg/kg         Analyst: BA           ND         20.0         1         01/24/25         01/26/25           102 %         70-130         01/24/25         01/26/25           103 %         70-130         01/24/25         01/26/25           mg/kg         mg/kg         Analyst: AF</td>	Reporting         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: BA           ND         0.0250         1         01/24/25         01/26/25           ND         0.0250         1         01/24/25         01/26/25           ND         0.0250         1         01/24/25         01/26/25           ND         0.0500         1         01/24/25         01/26/25           ND         0.0250         1         01/24/25         01/26/25           ND         0.0250         1         01/24/25         01/26/25           ND         0.0250         1         01/24/25         01/26/25           102 %         70-130         01/24/25         01/26/25           103 %         70-130         01/24/25         01/26/25           mg/kg         mg/kg         Analyst: BA           ND         20.0         1         01/24/25         01/26/25           102 %         70-130         01/24/25         01/26/25           103 %         70-130         01/24/25         01/26/25           mg/kg         mg/kg         Analyst: AF



Devon Energy - CarlsbadProject Name:FLAGLER 8 CTB 16488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera1/28/20259:03:34AM

### SW15 0-7' E501171-15

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



Devon Energy - CarlsbadProject Name:FLAGLER 8 CTB 16488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera1/28/20259:03:34AM

### SW16 4-7' E501171-16

		E301171-10					
Analyte	Result	Reporting Limit	Dilu	tion	Prepared	Analyzed	Notes
Analyte	Result	Liiiit	Dilu	шоп	Frepareu	Allalyzeu	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: I	BA		Batch: 2504121
Benzene	ND	0.0250	1	l	01/24/25	01/26/25	
Ethylbenzene	ND	0.0250	1	l	01/24/25	01/26/25	
Toluene	ND	0.0250	1	l	01/24/25	01/26/25	
o-Xylene	ND	0.0250	1	l	01/24/25	01/26/25	
p,m-Xylene	ND	0.0500	1	l	01/24/25	01/26/25	
Total Xylenes	ND	0.0250	1	l	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene		95.6 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8		103 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: E	BA		Batch: 2504121
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene		95.6 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8		103 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: A	AF		Batch: 2504126
Diesel Range Organics (C10-C28)	ND	25.0	1		01/24/25	01/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	<u> </u>	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: A	AK		Batch: 2504127
Chloride	ND	20.0	1		01/24/25	01/24/25	



Devon Energy - CarlsbadProject Name:FLAGLER 8 CTB 16488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera1/28/20259:03:34AM

### SW17 4-7' E501171-17

		E3011/1-1/					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2504121
Benzene	ND	0.0250	1	l	01/24/25	01/26/25	
Ethylbenzene	ND	0.0250	1	l	01/24/25	01/26/25	
Toluene	ND	0.0250	1	l	01/24/25	01/26/25	
o-Xylene	ND	0.0250	1	1	01/24/25	01/26/25	
p,m-Xylene	ND	0.0500	1	l	01/24/25	01/26/25	
Total Xylenes	ND	0.0250	1	l	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene		96.9 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4		96.5 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8		101 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2504121
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene		96.9 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4		96.5 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8		101 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	-	Analyst:	AF		Batch: 2504126
Diesel Range Organics (C10-C28)	ND	25.0	1	1	01/24/25	01/25/25	_
Oil Range Organics (C28-C36)	ND	50.0	1	l	01/24/25	01/25/25	
Surrogate: n-Nonane		109 %	50-200		01/24/25	01/25/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	AK		Batch: 2504127
Chloride	ND	20.0	1	[	01/24/25	01/25/25	



Devon Energy - CarlsbadProject Name:FLAGLER 8 CTB 16488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera1/28/20259:03:34AM

# SW18 4-7'

		E501171-18					
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2504121
Benzene	ND	0.0250	1	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	1	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene		96.5 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8		103 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2504121
Gasoline Range Organics (C6-C10)	ND	20.0	:	1	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene		96.5 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8		103 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	AF		Batch: 2504126
Diesel Range Organics (C10-C28)	ND	25.0		1	01/24/25	01/25/25	
Oil Range Organics (C28-C36)	ND	50.0		1	01/24/25	01/25/25	
Surrogate: n-Nonane		108 %	50-200		01/24/25	01/25/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	mg/kg Analyst: AK		Batch: 2504127		
Chloride	ND	20.0		1	01/24/25	01/25/25	



Devon Energy - CarlsbadProject Name:FLAGLER 8 CTB 1Reported:6488 7 Rivers HwyProject Number:01058-0007Artesia NM, 88210Project Manager:Erick Herrera1/28/20259:03:34AM

Result	Artesia NM, 88210		Project Manage	r: Er	rick Herrera				1/	28/2025 9:03:34AM
Result   Limit   Level   Result   Result   Rec   Limits   RPD   Limit   Notes		Vo	olatile Organ	ic Compo	unds by EI	PA 82601	В			Analyst: BA
Prepared: 01/24/25   Analyzed: 01/26/25	Analyte	Result		-		Rec		RPD		
Benzene   ND		mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Ethylbenzene ND 0.0250   ND 0.	Blank (2504121-BLK1)							Prepared: 0	1/24/25 Ana	llyzed: 01/26/25
Toluene	Benzene	ND	0.0250							
ND   0.0250   ND   0.0500	Ethylbenzene	ND	0.0250							
ND   0.0500   ND   0.0250   ND   ND   ND   ND   ND   ND   ND   N	Toluene									
ND	o-Xylene									
Namogate: Bromofluorobenzene   0.503   0.500   101   70-130   70	p,m-Xylene									
Surrogate: 1,2-Dichloroethane-d4	Total Xylenes	ND	0.0250							
Compare   Tolunne-d8	Surrogate: Bromofluorobenzene	0.503		0.500		101	70-130			
Prepared: 01/24/25   Analyzed: 01/26/25	Surrogate: 1,2-Dichloroethane-d4	0.513		0.500		103	70-130			
Benzene 2.42 0.0250 2.50 96.8 70-130  Ethylbenzene 2.43 0.0250 2.50 97.2 70-130  Toluene 2.39 0.0250 2.50 95.6 70-130  Decomposition 2.49 0.0250 2.50 99.4 70-130  Decomposition 2.49 0.0250 2.50 99.4 70-130  Decomposition 2.49 0.0250 2.50 99.4 70-130  Decomposition 2.49 0.0250 7.50 98.2 70-130  Surrogate: Bromofluorobenzene 0.482 0.0500 96.4 70-130  Surrogate: 1,2-Dichloroethane-d4 0.511 0.500 98.2 70-130  Surrogate: Toluene-d8 0.491 0.500 98.2 70-130  LCS Dup (2504121-BSD1)  Engine 2.39 0.0250 2.50 98.2 70-130  Ethylbenzene 2.38 0.0250 2.50 95.3 70-130 1.08 23  Ethylbenzene 2.38 0.0250 2.50 95.3 70-130 1.95 27  Toluene 2.36 0.0250 2.50 94.2 70-130 1.43 24  Decomposition 2.48 0.0250 2.50 99.4 70-130 0.0604 27  Demoxylene 2.48 0.0250 2.50 99.4 70-130 0.0604 27  Demoxylene 4.89 0.0500 5.00 97.8 70-130 0.0604 27  Demoxylene 4.89 0.0500 5.00 97.8 70-130 0.0804 27  Total Xylenes 7.38 0.0250 7.50 98.3 70-130 0.183 27  Surrogate: Bromofluorobenzene 0.490 0.500 5.00 98.0 70-130	Surrogate: Toluene-d8	0.495		0.500		98.9	70-130			
Ethylbenzene   2.43   0.0250   2.50   97.2   70-130	LCS (2504121-BS1)							Prepared: 0	1/24/25 Ana	alyzed: 01/26/25
Toluene 2.39 0.0250 2.50 95.6 70-130 0-250 0-250 99.4 70-130 0-250 0-250 99.4 70-130 0-250 0-250 99.4 70-130 0-250 0-250 99.4 70-130 0-250 0-250 99.4 70-130 0-250 0-250 99.4 70-130 0-250 0-250 99.2 70-130 0-250 0-250 99.2 70-130 0-250 0-250 99.2 70-130 0-250 0-250 99.2 70-130 0-250 0-250 99.2 70-130 0-250 0-250 99.2 70-130 0-250 0-250 0-250 99.2 70-130 0-250 0-250 0-250 99.2 70-130 0-250 0-250 0-250 99.2 70-130 0-250	Benzene	2.42	0.0250	2.50		96.8	70-130			
2.49   0.0250   2.50   99.4   70-130	Ethylbenzene	2.43	0.0250	2.50		97.2	70-130			
A.88   0.0500   5.00   97.5   70-130     Total Xylenes   7.36   0.0250   7.50   98.2   70-130     Surrogate: Bromofluorobenzene   0.482   0.500   96.4   70-130     Surrogate: Toluene-d8   0.491   0.500   98.2   70-130     Surrogate: Toluene-d8   0.491   0.500   95.7   70-130   1.08   23     Surrogate: Toluene   2.38   0.0250   2.50   95.3   70-130   1.95   27     Toluene   2.36   0.0250   2.50   99.4   70-130   1.43   24     O-Xylene   2.48   0.0250   2.50   99.4   70-130   0.0604   27     O-Xylene   4.89   0.0500   5.00   97.8   70-130   0.183   27     Total Xylenes   7.38   0.0250   7.50   98.3   70-130   0.183   27     Surrogate: Bromofluorobenzene   0.490   0.500   0.500   98.0   70-130     Surrogate: Bro	Toluene	2.39	0.0250	2.50		95.6	70-130			
Total Xylenes   7.36   0.0250   7.50   98.2   70-130	o-Xylene	2.49	0.0250	2.50		99.4	70-130			
Surrogate: Bromofluorobenzene   0.482   0.500   96.4   70-130	p,m-Xylene	4.88	0.0500	5.00						
Surrogate: 1,2-Dichloroethane-d4 0.511 0.500 102 70-130 Surrogate: Toluene-d8 0.491 0.500 98.2 70-130 Surrogate: O1/24/25 Analyzed: O1/26/25 Surrogate: Dichemental Control of the Cont	Total Xylenes	7.36	0.0250	7.50		98.2	70-130			
Comparies   Comp	Surrogate: Bromofluorobenzene	0.482		0.500		96.4	70-130			
Carrogate: Toluene-d8	Surrogate: 1,2-Dichloroethane-d4	0.511		0.500		102	70-130			
Benzene         2.39         0.0250         2.50         95.7         70-130         1.08         23           Ethylbenzene         2.38         0.0250         2.50         95.3         70-130         1.95         27           Toluene         2.36         0.0250         2.50         94.2         70-130         1.43         24           o-Xylene         2.48         0.0250         2.50         99.4         70-130         0.0604         27           p.m-Xylene         4.89         0.0500         5.00         97.8         70-130         0.307         27           Total Xylenes         7.38         0.0250         7.50         98.3         70-130         0.183         27           Surrogate: Bromofluorobenzene         0.490         0.500         98.0         70-130	Surrogate: Toluene-d8	0.491		0.500		98.2	70-130			
Ethylbenzene       2.38       0.0250       2.50       95.3       70-130       1.95       27         Toluene       2.36       0.0250       2.50       94.2       70-130       1.43       24         o-Xylene       2.48       0.0250       2.50       99.4       70-130       0.0604       27         o,m-Xylene       4.89       0.0500       5.00       97.8       70-130       0.307       27         Total Xylenes       7.38       0.0250       7.50       98.3       70-130       0.183       27         Surrogate: Bromofluorobenzene       0.490       0.500       98.0       70-130       70-130       70-130	LCS Dup (2504121-BSD1)							Prepared: 0	1/24/25 Ana	lyzed: 01/26/25
Ethylbenzene       2.38       0.0250       2.50       95.3       70-130       1.95       27         Toluene       2.36       0.0250       2.50       94.2       70-130       1.43       24         0-Xylene       2.48       0.0250       2.50       99.4       70-130       0.0604       27         p,m-Xylene       4.89       0.0500       5.00       97.8       70-130       0.307       27         Total Xylenes       7.38       0.0250       7.50       98.3       70-130       0.183       27         Surrogate: Bromofluorobenzene       0.490       0.500       98.0       70-130       70-130       70-130	Benzene	2.39	0.0250	2.50		95.7	70-130	1.08	23	
Toluene     2.36     0.0250     2.50     94.2     70-130     1.43     24       o-Xylene     2.48     0.0250     2.50     99.4     70-130     0.0604     27       o,m-Xylene     4.89     0.0500     5.00     97.8     70-130     0.307     27       Total Xylenes     7.38     0.0250     7.50     98.3     70-130     0.183     27       Surrogate: Bromofluorobenzene     0.490     0.500     98.0     70-130     70-130	Ethylbenzene	2.38		2.50		95.3	70-130	1.95	27	
p.m-Xylene 4.89 0.0500 5.00 97.8 70-130 0.307 27 Total Xylenes 7.38 0.0250 7.50 98.3 70-130 0.183 27 Surrogate: Bromofluorobenzene 0.490 0.500 98.0 70-130	•	2.36	0.0250	2.50		94.2	70-130	1.43	24	
Total Xylenes         7.38         0.0250         7.50         98.3         70-130         0.183         27           Surrogate: Bromofluorobenzene         0.490         0.500         98.0         70-130         70-130	o-Xylene	2.48	0.0250	2.50		99.4	70-130	0.0604	27	
Surrogate: Bromofluorobenzene 0.490 0.500 98.0 70-130	o,m-Xylene	4.89	0.0500	5.00		97.8	70-130	0.307	27	
•	Total Xylenes	7.38	0.0250	7.50		98.3	70-130	0.183	27	
Surrogate: 1,2-Dichloroethane-d4 0,525 0.500 105 70-130	Surrogate: Bromofluorobenzene	0.490		0.500		98.0	70-130			
	Surrogate: 1,2-Dichloroethane-d4	0.525		0.500		105	70-130			

0.500

97.9

70-130



Surrogate: Toluene-d8

0.490

Devon Energy - CarlsbadProject Name:FLAGLER 8 CTB 1Reported:6488 7 Rivers HwyProject Number:01058-0007Artesia NM, 88210Project Manager:Erick Herrera1/28/20259:03:34AM

Nonhalogenated	Organics	by EPA	8015D -	GRO

Analy	ıst.	BA

Analyte Resu	Reporting lt Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
mg/k	g mg/kg	mg/kg	mg/kg	%	%	%	%	Notes

Blank (2504121-BLK1)						Prepared: 0	1/24/25 Ana	lyzed: 01/26/25
Gasoline Range Organics (C6-C10)	ND	20.0						
Surrogate: Bromofluorobenzene	0.503		0.500	101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.513		0.500	103	70-130			
Surrogate: Toluene-d8	0.495		0.500	98.9	70-130			
LCS (2504121-BS2)						Prepared: 0	1/24/25 Ana	lyzed: 01/26/25
Gasoline Range Organics (C6-C10)	50.6	20.0	50.0	101	70-130			
Surrogate: Bromofluorobenzene	0.489		0.500	97.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.513		0.500	103	70-130			
Surrogate: Toluene-d8	0.505		0.500	101	70-130			
LCS Dup (2504121-BSD2)						Prepared: 0	1/24/25 Ana	lyzed: 01/26/25
Gasoline Range Organics (C6-C10)	48.5	20.0	50.0	97.1	70-130	4.22	20	
Surrogate: Bromofluorobenzene	0.493		0.500	98.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.526		0.500	105	70-130			
Surrogate: Toluene-d8	0.501		0.500	100	70-130			



Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	-
Artesia NM, 88210	Project Manager:	Erick Herrera	1/28/2025 9:03:34AM

Artesia NM, 88210		Project Manage	r: Er	ick Herrera					1/28/2025 9:03:34AI
	Nonha	logenated Or	ganics by	EPA 8015I	) - DRO	/ORO			Analyst: AF
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2504126-BLK1)							Prepared: 0	1/24/25 A	nalyzed: 01/24/25
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	56.0		50.0		112	50-200			
LCS (2504126-BS1)							Prepared: 0	1/24/25 A	nalyzed: 01/24/25
Diesel Range Organics (C10-C28)	288	25.0	250		115	38-132			
Surrogate: n-Nonane	55.6		50.0		111	50-200			
Matrix Spike (2504126-MS1)				Source:	E501171-0	06	Prepared: 0	1/24/25 A	nalyzed: 01/24/25
Diesel Range Organics (C10-C28)	292	25.0	250	ND	117	38-132			
Surrogate: n-Nonane	53.8		50.0		108	50-200			
Matrix Spike Dup (2504126-MSD1)				Source:	E501171-0	06	Prepared: 0	1/24/25 A	nalyzed: 01/24/25
Diesel Range Organics (C10-C28)	287	25.0	250	ND	115	38-132	1.80	20	
Surrogate: n-Nonane	54.2		50.0		108	50-200			



Matrix Spike Dup (2504127-MSD1)

Chloride

266

# **QC Summary 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						<b>Reported:</b> 1/28/2025 9:03:34AM			
	Anions by EPA 300.0/9056A									
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes	
Blank (2504127-BLK1)							Prepared: 0	1/24/25 An	alyzed: 01/24/25	
Chloride	ND	20.0								
LCS (2504127-BS1)							Prepared: 0	1/24/25 An	alyzed: 01/24/25	
Chloride	255	20.0	250		102	90-110				
Matrix Spike (2504127-MS1)				Source: E501171-05			5 Prepared: 01/24/25 Analyzed: 01/			
Chloride	267	20.0	250	ND	107	80-120				

250

20.0

Source: E501171-05

106

80-120

0.264

#### 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.



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

20

# **Definitions and Notes**

	Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	
-	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
	Artesia NM, 88210	Project Manager:	Erick Herrera	01/28/25 09:03

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Client: D	evon Ene	gy Produ	iction Co l	LP		Bill To				Lab	Use	Only			TAT						EPA Program		
	FLAGLER 8		CONTRACTOR OF CONTRACTOR		Atte	ention: Jim Raley		Lab WC	# .			Job	Numl		1D	2D	3D	Star	ndard	CWA	SDWA		
Project N	Manager:	Erick Her	rera			ress: 5315 Buena Vista Dr.		E50	11-	11		Oic	82	.0007				5 da	y TAT				
	13000 W				City	, State, Zip: Carlsbad, NM, 8	38220		•		Ar	alysi	s and	Method				8			RCRA		
	te, Zip Oc					ne: 575-885-7502																	
-	32-305-6				Ema	ail: jim.raley@dvn.com			'n											State			
-	evon-tear		env.com		- CONTROL	: 21179750			80							1		N	M CO	UT AZ	TX		
				77.07		Incident ID: nAPP2106147760			0/0		80		0.										
Collecte	d by: Edyt	e Konan						77	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0				¥		×				
Time	Date		No. of			Cample ID	Lab	th(ft	GRC	X by	by 3	als 6	oride			1	20			Remarks			
Sampled	Sampled	Matrix	Containers			Sample ID	Number	Depth(ft.)	TPH 801	BTE	VOV	Met	Chlc		m		GDOC			Kemarks	10.		
14:35	01.22.25	S	1			SW01		4-7'							х								
14:40	01.22.25	S	1			SW02	7	0-4'							х					053v4100000-4-00100-000			
14:45	01.22.25	S	1			SW03	3	0-4'							х								
14:50	01.22.25	S	1			SW04	4	0-4'							х								
14:55	01.22.25	S	1			5	0-4'						1	x	T								
15:00	01.22.25	S	1		SW06			0-7'						T	х	T							
15:05	01.22.25	S	1			SW07	9	0-7'							x	T							
15:10	01.22.25	S	1			SW08	8	0-7'							х								
15:15	01.22.25	S	1			SW09	9	0-7'	$\vdash$					$\vdash$	x	$\dagger$			P*************************************				
15:20	01.22.25	S	1			SW10	10	0-4'						$\dashv$	x	$\vdash$		$\Box$					
TO CONTRACT OF SEC							110			<u></u>	_	ļ											
Addition	nal Instruc	tions:																					
1 (field sam	nler) attest t	n the validity	and authent	icity of this sa	ample I am aware	that tampering with or intentionally n	nislabelling the samp	le location.		-		Sampl	es requi	ing thermal	preserva	ation m	ust be re	ceived or	ice the day	they are samp	pled or		
					ds for legal action.	Sampled by: EK	morabelling the samp					receiv	ed packe	d in ice at ar	avg ten	np abov	e 0 but l	less than f	6 °C on subs	equent days.			
	ed by: (Sign		Date	nay be groun	Time	Received by: (Signature)	Date		Time	0		18000	1000	7 (2) (2)	L	ab U	se On	ılv					
	- juy	9	oll	23/25	09:00	Michelle Gonza	les 1-23	25	D	900	0	Rec	eived	on ice:		) N							
Relinquish	ed by: (Sign	ature)	les 1-2	1325	Time 1515	Received by: (Signature)  Received by: (Signature)	Date	.25	Time			<u>T1</u>			T2			]	3				
Relinguish	ed by: (Sign	ature)	Date	7375	7.40d	Date 24	125	Time	_	)	AVG	i Tem	p°c Z	4									
Sample Ma	trix: S - Soil, S	d - Solid So -	Sludge A - A	4.1.4	LIVU	100	Container	Type: g -	glass	<b>D</b> - D	oly/n				ass. v	- VO	1				and the second		
Note: Sam	ples are dis	carded 30 c	lavs after re	sults are re	ported unless ot	her arrangements are made. Ha												port for	the anal	vsis 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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Project Information

nain	of	Custo

	Page	_2	 of_	2	Received by OCD: 7/17/2025 3:46:15 PM
Pr	ogra	m WA			d by
	20	VVA			OCI
	RC	RA			):   
_					17/2
7	TX				025
					3:46
S					:15
					PM

Client: Devon Energy Production Co LP Project: FLAGLER 8 CTB 1			P	Bill To	)			Lab	Use	Only					TA	EPA Program				
					Attention: Jim Raley		Lab WC	0#			Job	Numb	er	1D	2D	3D	Sta	ndard	CWA	SDWA
Project N	/lanager:	Erick Her	rera		Address: 5315 Buena Vista	a Dr.	FO	711	7.1		ALC	FX.	Method				5 d	ay TAT		
	13000 W				City, State, Zip: Carlsbad, I	NM, 88220			- 4	Aı	nalysi	s and N	1ethod	-	-	-				RCRA
	e, Zip_Oc		THE PARTY NAMED IN COLUMN TWO IS NOT THE PARTY NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED		Phone: 575-885-7502				T	T		П		T	T					
	32-305-6				Email: jim.raley@dvn.com	Ÿ		₹			1				1				State	
Email: De	evon-tean	n@etech	env.com		WO: 21179750		7	80					İ			1 1	, T	NM CO	UT AZ	TX
		_			Incident ID: nAPP2106147	7760		0/0	_	l		o.					i f			
Collected	by: Edyt	e Konan				1/2	2	to/DR	y 802.	8260	6010	e 300				¥		×		
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID	Lab Number	Depth(ft.)	TPH GRO/DRO/ORO by	ВТЕХ ЬУ 802	VOC by 8260	Metals 6010	Chloride 300.0		m		GDOC			Remarks	
15:25	01.22.25	S	1		SW11		0-4'							х						_
15:30	01.22.25	S	1		SW12	12	0-4'							х						
15:35	01.22.25	S	1		SW13	13	0-4'							х					-	
15:40	01.22.25	S	1		SW14	14	0-7'							х						
15:45	01.22.25	S	1	<del>,</del>	SW15	15	0-7'							х						**
15:50	01.22.25	S	1	SW16			4-7'							х						
15:55	01.22.25	S	1		SW17	M	4-7'			8				х			П			
16:00	01.22.25	S	1		SW18	18	4-7'							х			П			
	01.22.25	-		a	123125															
	01.22.25																			
Addition	al Instruc	tions:	L	<u> </u>		D0000000 125			1	1										
		Or North		city of this sample.	I am aware that tampering with or intentions		ple location,											n ice the day 6°C on subse	they are samp	led or
Section Community Control	ed by: (Sign		Date	Time	Received by: (Signature)	n Date		Time						L	ah I I	se On	ılv			
High 101/23/25 9:00 Michelle Gonzales 1.							-25		290X	0	Rec	eived o	on ice:		JI N		· y			
Relinquished by: (Signature)  Date  Time  Received by: (Signature)  A. Time  Received by: (Signature)						Date 1.23	3.25	Time	7	00	T1			T2				Т3		
Relinguished by: (Signature)  Date  Time  Received by (Signature)						Date 1/24	25	Time		)		i Temp	o°C '	4						
Sample Mat	rix: S - Soil. Sc	d - Solid, Sg -	114	queous, O - Other_	100 00000	Containe	r Type: g -	glass	p - p	olv/n				iss, v	- VO	A	Section A. S.			
					unless other arrangements are mad												port fo	r the analy	sis of the	above
Contract Contract			COLUMN TO THE PARTY OF THE PART		oratory with this COC. The liability of	The state of the s					200					Account to		- 10000 Company (A1200)		



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Printed: 1/24/2025 9:03:00AM

### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	01/24/25	07:30		Work Order ID:	E501171
Phone:	(575) 748-0176	Date Logged In:	01/23/25	13:40		Logged In By:	Caitlin Mars
Email:		Due Date:	01/30/25	17:00 (4 day TAT)			
Chain o	f Custody (COC)						
	the sample ID match the COC?		Yes				
	the number of samples per sampling site location mat	ch the COC	Yes				
	samples dropped off by client or carrier?		Yes	Carrier: C	Courier		
4. Was th	ne COC complete, i.e., signatures, dates/times, reques	ted analyses?	Yes				
5. Were	all samples received within holding time?  Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssic		Yes			<u>Commen</u>	ts/Resolution
Sample '	Turn Around Time (TAT)					<u> </u>	<u> </u>
	e COC indicate standard TAT, or Expedited TAT?		Yes				
Sample	• •						
	sample cooler received?		Yes				
	was cooler received in good condition?		Yes				
•	ne sample(s) received intact, i.e., not broken?		Yes				
	custody/security seals present?						
	s, were custody/security seals intact?		No				
•	,		NA				
	he sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling	received w/i 15	Yes				
	visible ice, record the temperature. Actual sample	temperature: 4°	<u>C</u>				
	Container 1						
	aqueous VOC samples present?		No				
	VOC samples collected in VOA Vials?		NA				
	e head space less than 6-8 mm (pea sized or less)?		NA				
	a trip blank (TB) included for VOC analyses?		NA				
	non-VOC samples collected in the correct containers?		Yes				
	appropriate volume/weight or number of sample contain	ers collected?	Yes				
Field La							
	e field sample labels filled out with the minimum info	rmation:	<b>V</b>				
	Sample ID? Date/Time Collected?		Yes				
	Collectors name?		Yes Yes				
	Preservation		103				
	the COC or field labels indicate the samples were pr	eserved?	No				
	sample(s) correctly preserved?		NA				
	o filteration required and/or requested for dissolved m	etals?	No				
Multinh	ase Sample Matrix						
	the sample have more than one phase, i.e., multiphas	se?	No				
	s, does the COC specify which phase(s) is to be analy		NA				
		204.	INA				
	ract Laboratory		3.7				
	samples required to get sent to a subcontract laborator	-	No				
29. Was	a subcontract laboratory specified by the client and if	so who?	NA	Subcontract Lab	: NA		
Client I	<u>nstruction</u>						

Report to:
Anna Byers







5796 U.S. Hwy 64 Farmington, NM 87401

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





# envirotech

Practical Solutions for a Better Tomorrow

# **Analytical Report**

Devon Energy - Carlsbad

Project Name: FLAGLER 8 CTB 1

Work Order: E502252

Job Number: 01058-0007

Received: 2/26/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 3/3/25

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: 3/3/25

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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

Walter Hinchman

Laboratory Director
Office: 505-632-1881

Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Field Offices:

**Southern New Mexico Area** 

Lynn Jarboe

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

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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# Sample Summary

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Denouted
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
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.



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	3/3/2025 12:13:08PM

# STKP01 E502252-01

Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	st: SL		Batch: 2509065
ND	0.0250	1	02/26/25	02/27/25	
ND	0.0250	1	02/26/25	02/27/25	
ND	0.0250	1	02/26/25	02/27/25	
ND	0.0250	1	02/26/25	02/27/25	
ND	0.0500	1	02/26/25	02/27/25	
ND	0.0250	1	02/26/25	02/27/25	
	81.6 %	70-130	02/26/25	02/27/25	
mg/kg	mg/kg	Analyst: SL			Batch: 2509065
ND	20.0	1	02/26/25	02/27/25	
	92.2 %	70-130	02/26/25	02/27/25	
mg/kg	mg/kg	Analyst: HM			Batch: 2509077
ND	25.0	1	02/26/25	02/26/25	
ND	50.0	1	02/26/25	02/26/25	
ND	50.0	61-141	02/26/25 02/26/25	02/26/25	
ND mg/kg					Batch: 2509080
	ND ND ND ND ND ND ND ND ND Mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           81.6 %           mg/kg         mg/kg           ND         20.0           92.2 %         mg/kg           mg/kg         mg/kg	mg/kg         mg/kg         Analy           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           81.6 %         70-130           mg/kg         mg/kg         Analy           mg/kg         mg/kg         Analy           mg/kg         mg/kg         Analy	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         02/26/25           ND         0.0250         1         02/26/25           ND         0.0250         1         02/26/25           ND         0.0250         1         02/26/25           ND         0.0500         1         02/26/25           ND         0.0250         1         02/26/25           81.6 %         70-130         02/26/25           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         02/26/25           mg/kg         mg/kg         Analyst: HM	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         02/26/25         02/27/25           ND         0.0500         1         02/26/25         02/27/25           ND         0.0250         1         02/26/25         02/27/25           81.6 %         70-130         02/26/25         02/27/25           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         02/26/25         02/27/25           mg/kg         70-130         02/26/25         02/27/25           mg/kg         mg/kg         Analyst: HM



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	3/3/2025 12:13:08PM

# STKP02

		E502252-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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		79.9 %	70-130	02/26/25	02/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2509065
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/26/25	02/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.8 %	70-130	02/26/25	02/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	Anal	yst: DT		Batch: 2509080
Chloride	325	20.0	1	02/26/25	02/26/25	



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	3/3/2025 12:13:08PM

# STKP03

		E502252-03				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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	Ana	alyst: 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	Ana	alyst: 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	Ana	alyst: DT		Batch: 2509080
Chloride	318	20.0	1	02/26/25	02/27/25	



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	3/3/2025 12:13:08PM

### STKP04 E502252-04

		Econner o .				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: 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	Anal	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	Anal	yst: 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	Anal	yst: DT		Batch: 2509080
Chloride	329	20.0	1	02/26/25	02/27/25	



Devon Energy - Carlsbad FLAGLER 8 CTB 1 Project Name: 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 Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2509065-BLK1) Prepared: 02/26/25 Analyzed: 02/27/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 6.81 8.00 85.1 70-130 LCS (2509065-BS1) Prepared: 02/26/25 Analyzed: 02/27/25 5.13 5.00 103 70-130 Benzene 0.0250 Ethylbenzene 4.95 0.0250 5.00 99.1 70-130 5.07 0.0250 5.00 101 70-130 Toluene 98.2 o-Xylene 4.91 0.0250 5.00 70-130 10.1 10.0 101 70-130 0.0500 p.m-Xvlene 99.8 70-130 15.0 15.0 Total Xylenes 0.0250 8.00 83.6 70-130 Surrogate: 4-Bromochlorobenzene-PID 6.69 Matrix Spike (2509065-MS1) Source: E502243-01 Prepared: 02/26/25 Analyzed: 02/27/25 5.26 0.0250 5.00 ND 54-133 Benzene ND 102 61-133 Ethylbenzene 5.08 0.0250 5.00 Toluene 5.21 0.0250 5.00 ND 104 61-130 ND 101 63-131 5.04 5.00 0.0250 o-Xylene p,m-Xylene 10.3 0.0500 10.0 ND 103 63-131 15.4 0.0250 15.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 6.92 8.00 Matrix Spike Dup (2509065-MSD1) Source: E502243-01 Prepared: 02/26/25 Analyzed: 02/27/25 5.68 0.0250 5.00 ND 114 54-133 7.60 20 ND 61-133 7.54 5.48 0.0250 5.00 110 20 Ethylbenzene 61-130 Toluene 5.61 0.0250 5.00 ND 112 7 40 20 5.44 5.00 ND 109 63-131 7.54 20 o-Xylene 0.0250 11.1 10.0 ND 111 63-131 7.50 20

0.0500

0.0250

15.0

8.00

ND

110

84.2

63-131

70-130

7.51

20

16.6

6.73



p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Surrogate: 1-Chloro-4-fluorobenzene-FID

# **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

Artesia NM, 88210		Project Manage	r: Aı	nna Byers				3/3	3/2025 12:13:08PM
		Analyst: SL							
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2509065-BLK1)							Prepared: 0	2/26/25 Anal	yzed: 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: 0	2/26/25 Anal	yzed: 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: 0	2/26/25 Anal	yzed: 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: 0	2/26/25 Anal	yzed: 02/27/25
Gasoline Range Organics (C6-C10)	44.4	20.0	50.0	ND	88.9	70-130	6.40	20	

8.00

7.38

92.2

70-130

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

Artesia NM, 88210		Project Manage	r: Ar	nna Byers					3/3/2025 12:13:08PM		
Nonhalogenated Organics by EPA 8015D - DRO/ORO Analyst: HM											
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2509077-BLK1)							Prepared: 0	2/26/25 <i>F</i>	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: 0	2/26/25 A	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: 0	2/26/25 A	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: 0	2/26/25 A	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					

Matrix Spike Dup (2509080-MSD1)

Chloride

576

# **QC Summary Data**

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number Project Manager	: 0	LAGLER 8 C 1058-0007 nna Byers	ГВ 1		<b>Reported:</b> 3/3/2025 12:13:08PM			
		Anions	by EPA	300.0/9056 <i>A</i>	<b>A</b>				Analyst: DT	
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2509080-BLK1)							Prepared: 02	2/26/25 A	nalyzed: 02/26/25	
Chloride	ND	20.0								
LCS (2509080-BS1)							Prepared: 02	2/26/25 A	nalyzed: 02/26/25	
Chloride	254	20.0	250		102	90-110				
Matrix Spike (2509080-MS1)				Source:	E502252-	02	Prepared: 02	2/26/25 A	nalyzed: 02/26/25	
Chloride	603	20.0	250	325	111	80-120				

250

20.0

Source: E502252-02

100

80-120

4.55

325

#### 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.



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

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# **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.



1	Client: D	evon Ene	rgy Produ	ction Co,	LP.	Bill To			Lab Use Only							TAT					EPA P	rogram	
7	Project:	FLAGLER	8 CTB 1			1	Attention: Jim Raley	Attention: Jim Raley Lab WO#						Job	Num	ber	10	2D	3D	St	tandard	CWA	SDWA
	Project N	Manager:	Anna Bye	rs			Address: 5315 Buena Vista Dr.			E	02	25	2	ole	1058-0007					5	day TAT		
		Address: 13000 W County Rd 100 City, State, Zip_Odessa,TX, 79765			City, State, Zip: Carlsbad, NM, 88220								nd Metho							RCRA			
-						Phone: 575-885-7502					T			Г		T	T	T					
•		132-305-6				Email: jim.raley@dvn.com				015			1								State		
		evon-tear		env com		1	WO: 21179750				37 8										NM CO	UT AZ	TX
2	Email: D	evon tear	iie ctccii	ciivicoiii	E CONTROL E		Incident ID: nAPP2106147760		$\dashv$		RO				1								
8/12/2025	Etech pr	oject#: 19	290			incident ID. NAPP2106147760					0/0	200			0		5	:					
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2.1	Time	Date		No. of				Lab		h(ft	SRO	by	by 8	ls 6	ride		, c		l o				
	Sampled	Sampled	Matrix	Containers	Sample ID			Numb	200	Depth(ft.)	TPH GRO/DRO/ORO by 8015	BTEX by 802.	VOC by 8260	Metals 6010	Chloride 300.0		RGDOC		GDOC		_	Remarks	
3-11-58 PM	9:40	02.24.25	S	1		,	STKP01	1									>	8					
5							VOTUDOS										+	+	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									>						
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	Addition	nal Instruc	tions:																				
							n aware that tampering with or intentionally mis	labelling the	samp	le loca	ation,			2.5							ed on ice the day		
					may be grounds fo			- Ia .			-			rucuiv	- pac	ted in ice de d					THE CONTROL	iquent days.	
		ned by: (Sign		Date O2	125/25 5:	SC	Received by: (Signature),	S Date	125	5	Time 6	90	٥	Rec	eive	on ice:		Lab (	Jse Or N	ily			
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	Refinquished by: (Signature)  Date  Time  Received by: (Signature)  Date							17	00	11			12				<u>T3</u>						
	3	Anh	<i>J</i>	/	/		30 hugger & Helle	2-26	-2	5	0	130	)	AVG	Ter	np °C	4						
					Aqueous, O - Other		//.									, ag - amb							
							eless other arrangements are made. Haza														e report for t	ne analysi	s of the



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

### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	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@etechenv.com	Due Date:	03/04/25	17:00 (4 day TAT)			
Chain of	Custody (COC)						
	ne sample ID match the COC?		Yes				
	ne number of samples per sampling site location mate	h the COC					
	amples dropped off by client or carrier?	in the COC	Yes	<b>C</b> : <b>C</b>			
	e COC complete, i.e., signatures, dates/times, request	ed analyses?	Yes Yes	Carrier: <u>C</u>	<u>ourier</u>		
	Il samples received within holding time?	ed analyses:	Yes				
J. WOIC a	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion		103			Comment	s/Resolution
Sample 7	Turn Around Time (TAT)						
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes				
Sample (	<u>Cooler</u>						
7. Was a	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was th	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes	, were custody/security seals intact?		NA				
	e sample received on ice? If yes, the recorded temp is 4°C, i Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample to	received w/i 15	Yes				
	Container	emperature. 1	<u> </u>				
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers?		Yes				
	appropriate volume/weight or number of sample containers.	ers collected?	Yes				
Field Lal	** *	ors conceicu.	103				
	field sample labels filled out with the minimum infor	mation.					
	ample ID?	mation	Yes				
	ate/Time Collected?		Yes	ı			
C	ollectors name?		Yes				
Sample I	<u>Preservation</u>						
21. Does	the COC or field labels indicate the samples were pre-	eserved?	No				
22. Are s	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved me	etals?	No				
Multipha	se Sample Matrix						
26. Does	the sample have more than one phase, i.e., multiphas	e?	No				
27. If yes	, does the COC specify which phase(s) is to be analyze	zed?	NA				
Subconti	act Laboratory						
	amples required to get sent to a subcontract laborator	v?	No				
	subcontract laboratory specified by the client and if		NA	Subcontract Lab	· NA		
			-11-	Subcontract Eab	, 1171		
Client II	<u>nstruction</u>						
L							

Date

# **APPENDIX F**

# Holdall® Soil Test Kit Manual





40 TESTS
DIRECTIONS INSIDE

# SOIL TEST KIT





**Plants & Flowers** 



**Grasses & Lawns** 



**Fruits & Veggies** 



**Trees & Shrubs** 

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# SOIL TEST KIT

### **Tests Your Soil for a Healthy Garden**

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

# PREPARING YOUR SUIL 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 course 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 CH	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.
- 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	+0.5 unit (0.5 pH)	2.5	2.5	2.5
Limestone	+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			
Nitrogen Fertilizers (%N)	Low	Low	Medium	High
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

	myn			
	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	

High

The recommendations are based on the following fertilizers sources: Nitrate of Soda (16% N), Triple Superphosphate (46% P205) and Muriate of Potassium (60% K20). 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

Vory Low

-ertiizer 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

### **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

Fortilzer Type

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.

Amounts listed are pounds per 1000 square feet.



### Plant pH Preference List

Decorat	ive Flant A	ccessories							
NAME	pH	NAME	pH	NAME	pH	NAME	pH	NAME FLOWERS TRE	pH
FRUIT APPLE	5.0 - 6.5	VEGETABLES AND HE SAGE	5.5 - 6.5	HOUSE and GREENHOUSE GENISTA	6.5 - 7.5	FLOWERS, T AND SHRUB		FLOWERS, TRE AND SHRUBS	
APRICOT	6.0 - 7.0	SHALLOT	5.5 - 7.0	GERANIUM	6.0 - 8.0	ASPERULA	6.0 - 8.0	LAUREL	6.5 - 7.5
AVOCADO	6.0 - 7.5	SORGHUM	5.5 - 7.5	GLOXINIA	5.5 - 6.5	ASPHODOLINE	6.0 - 8.0	LAVENDER	6.5 - 7.5
BANANA	5.0 - 7.0	SOYBEAN	5.5 - 6.5	GRAPE IVY	5.0 - 6.5	ASTER	5.5 - 7.5	LIATRIS	5.5 - 7.5
BLACKBERRY	5.0 - 6.0	SPEARMINT	5.5 - 7.5	GRAPE HYACINTH	6.0 - 7.5	AUBRITA	6.0 - 7.5	LIGUSTRUM	5.0 - 7.5
BLUEBERRY CANTALOUPE	4.0 - 6.0 6.5 - 7.5	SPINACH SWEDE	6.0 - 7.5 5.0 - 7.0	GREVILLEA GYNURA	5.5 - 6.5 5.5 - 6.5	AZALEA BALLOON FLOWER	4.5 - 6.0 6.0 - 6.5	LILAC LILY OF THE VALLEY	6.0 - 7.5 4.5 - 6.0
CHERRY	6.0 - 7.5	THYME	5.5 - 7.0	HEDERA (IVY)	6.0 - 8.0	BAYBERRY	4.0 - 6.0	LITHOSPERMUM	5.0 - 6.5
CRANBERRY	5.5 - 6.5	TOMATO	5.5 - 7.5	HELIOTROPIUM	5.0 - 6.0	BERGENIA	6.0 - 7.5	LOBELIA	6.5 - 7.5
CURRANT: Black	6.0 - 8.0	TURNIP	5.5 - 7.0	HENS AND CHICKENS	6.0 - 7.0	BLEEDING HEART	6.0 - 7.5	LUPINUS	5.5 - 7.0
Red	5.5 - 7.0	WATER CRESS	6.0 - 8.0	HERRINGBONE PLANT	6.0 - 6.0	BLUEBELL	6.0 - 7.6	MAGNOLIA	5.0 - 6.0
White	6.0 - 8.0	HOUSE and GREENHOUS		HIBISCUS PLANT	6.0 - 8.0	BROOM	5.0 - 6.0	MAHONIA	6.0 - 7.0
DAMSON	6.0 - 7.5	ABUTILON	5.5 - 6.5	HOYA	5.0 - 6.5	BUDDLEIA	6.0 - 7.0	MARIGOLD	5.5 - 7.0
GOOSEBERRY GRAPEVINE	5.0 - 6.5 6.0 - 7.0	ACORUS AECHMEA	5.0 - 6.5 5.0 - 5.5	IMPATIENS IVY TREE	5.5 - 6.5 6.0 - 7.0	BUPHTHALUM BUTTERFLY BUSH	6.0 - 8.0 4.0 - 6.0	MOLINIA MORAEA	4.0 - 5.0 5.5 - 6.5
GRAPEFRUIT	6.0 - 7.5	AFRICAN VIOLET	6.0 - 7.0	JACARANDA	6.0 - 7.5	CALENDULA	5.5 - 7.0	MORNING GLORY	6.0 - 7.5
HAZELNUT	6.0 - 7.0	AGLAONEMA	5.0 - 6.0	JAPANESE SEDGE	6.0 - 8.0	CAMASSIA	6.0 - 8.0	MOSS	6.0 - 8.0
HOP	6.0 - 7.5	AMARYLIS	5.5 - 6.5	JASMINUM	5.5 - 7.0	CANDYTUFT	6.0 - 7.5	MOSS, SPHAGNUM	3.5 - 5.0
HUCKLEBERRY	4.0 - 6.0	ANTHURIUM	5.0 - 6.0	JERUSALEM CHERRY	5.5 - 6.5	CANNA	6.0 - 8.0	MYOSOTIS	6.0 - 7.0
LEMON	6.0 - 7.0	APHELANDRA	5.0 - 6.0	JESSAMONE	5.0 - 6.0	CANTERBURY BELLS	7.0 - 7.5	NARCISSUS	6.0 - 8.5
LYCHEE	6.0 - 7.0	ARAUCARIA	5.0 - 6.0	KALANCHOE	6.0 - 7.5	CARDINAL FLOWER	4.0 - 6.0	NASTURTIUM	5.5 - 7.5
MANGO MELON	5.0 - 6.0 5.5 - 6.5	ASPARAGUS FERN ASPIDISTRA	6.0 - 8.0 4.0 - 5.5	KANGAROO THORN KANGAROO VINE	6.0 - 8.0 5.0 - 6.5	CARNATION CATALPA	6.0 - 7.5 6.0 - 8.0	NICOTIANA PACHYSANDRA	5.5 - 6.5 5.0 - 8.0
MULBERRY	6.0 - 7.5	AZAELA	4.5 - 6.0	LANTANA	5.5 - 7.0	CELOSIA	6.0 - 7.0	PAEONIA	6.0 - 7.5
NECTARINE	6.0 - 7.5	BABY'S BREATH	6.0 - 7.5	LAURUS (BAY TREE)	5.0 - 6.0	CENTAUREA	5.0 - 6.5	PANSY	5.5 - 7.0
PEACH	6.0 - 7.5	BABY'S TEARS	5.0 - 6.0	LEMON PLANT	6.0 - 7.5	CERASTIUM	6.0 - 7.0	PASSION FLOWER	6.0 - 8.0
PEAR	6.0 - 7.5	BEGONIA	5.5 - 7.0	MIMOSA	5.0 - 7.0	CHRYSANTHEMUM	6.0 - 7.0	PASQUE FLOWER	5.0 - 6.0
PINEAPPLE	5.0 - 6.0	BIRD OF PARADISE	6.0 - 6.5	MIND YOUR OWN BUSINESS	5.0 - 5.5	CISSUS	6.0 - 7.5	PAULOWNIA	6.0 - 8.0
PLUM	6.0 - 7.5	BISHOP'S CAP	5.0 - 6.0	MONSTERA	5.0 - 6.0	CISTUS	6.0 - 7.5	PENSTEMON	5.5 0 7.0
POMEGRANATE QUINCE	5.5 - 6.5 6.0 - 7.5	BLACK-EYED SUSAN BLOOD LEAF	5.5 - 7.5 5.5 - 6.5	MYRTLE NEVER NEVER PLANT	6.0 - 8.0 5.0 - 6.0	CLARKIA CLIANTHUS	6.0 - 6.5 6.0 - 7.5	PERIWINKLE PETUNIA	6.0 - 7.5 6.0 - 7.5
RASPBERRY	5.0 - 7.5	BOTTLEBRUSH	6.0 - 7.5	NICODEMIA (INDOOR OAK)	6.0 - 8.0	CLEMATIS	5.5 - 7.0	PINKS	6.0 - 7.5
RHUBARB	5.5 - 7.0	BOUGAINVILLEA	5.5 - 7.5	NORFOLK ISLAND PINE	5.0 - 6.0	COLCHICUM	5.5 - 6.5	POLYGONUM	6.0 - 7.5
STRAWBERRY	5.0 - 7.5	BOXWOOD	6.0 - 7.5	OLEANDER	6.0 - 7.5	COLUMBINE	6.0 - 7.0	POLYANTHUS	6.0 - 7.5
WATERMELON	5.5 - 6.5	BROMELIADS	5. 0 - 7.5	OPLISMENUS	5.0 - 6.0	CONVOLVULUS	6.0 - 8.0	POPPY	6.0 - 7.5
VEGETABLES AND		BUTTERFLY FLOWER	6.0 - 7.5	ORCHID	4.5 - 5.5	COREOPSIS	5.0 - 6.0	PORTULACA	5.5 - 7.5
ARTICHOKE ASPARAGUS	6.5 - 7.5 6.0 - 8.0	CACTI CALCAOLARIA	4.5 - 6.0 6.0 - 7.0	OXALIS PALMS	6.0 - 8.0 6.0 - 7.5	CORONILLA CORYDALIS	6.5 - 7.5 6.0 - 8.0	PRIMROSE PRIMULA	5.5 - 6.5 6.0 - 7.5
BASIL	5.5 - 6.5	CALADIUM	5.0 - 6.0	PANDANUS	5.0 - 6.0	COSMOS	5.0 - 8.0	PRIVET	5.0 - 7.5
BEAN	6.0 - 7.5	CALLA LILY	6.0 - 7.0	PEACOCK PLANT	5.0 - 6.0	COTTONEASTER	6.0 - 8.0	PRUNELLA	6.0 - 7.5
(Runner, Broad, French)		CAMELIA	4.5 - 5.5	PELLIONIA	5.0 - 6.0	CRAB APPLE	6.0 - 7.5	PRUNUS	6.5 - 7.5
BEETROOT	6.0 - 7.5	CAMPANULA	5.5 - 6.5	PEPEROMIA	5.0 - 6.0	CROCUS	6.0 - 8.0	PYRETHRUM	6.0 - 7.5
BROCCOLI	6.0 - 7.0	CAPSICUM	5.0 - 6.5	PHILODENDRON	5.0 - 6.0	CYNOGLOSSUM	6.0 - 7.5	RED HOT POKER	6.0 - 7.5
BRUSSELS SPROUTS	6.0 - 7.5	CARDINAL FLOWER	5.0 - 6.0	PILEA	6.0 - 8.0	DAFFODIL	6.0 - 6.5	RHODODENDREN	4.5 - 6.0
CABBAGE CALABRESE	6.0 - 7.5 6.5 - 7.5	CASTOR OIL PLANT CANTURY PLANT	5.5 - 6.5 5.0 - 6.5	PLUMBAGO PODACARPUS	5.5 - 6.5 5.0 - 6.5	DAHLIA DAY LILY	6.0 - 7.5 6.0 - 8.0	ROSES: HYBRID TEA	5.5 - 7.0
CARROT	5.5 - 7.0	CHINESE EVERGREEN	5.0 - 6.0	POINTSETTIA	6.0 - 7.5	DELPHINIUM	6.0 - 7.5	CLIMBING	6.0 - 7.0
CAULIFLOWER	5.5 - 7.5	CHINESE PRIMROSE	6.0 - 7.5	POLYSCIAS	6.0 - 7.5	DEUTZIA	6.0 - 7.5	RAMBLING	5.5 - 7.0
CELERY	6.0 - 7.0	CHRISTMAS CACTUS	5.0 - 6.5	POTHOS	5.0 - 6.0	DIANTHUS	6.0 - 7.5	SALVIA	6.0 - 7.5
CHICORY	5.0-6.5	CINERARIA	5.5 - 7.0	PRAYER PLANT	5.0 - 6.0	DOGWOOD	5.0 - 7.0	SCABIOSA	5.0 - 7.5
CHINESE CABBAGE	6.0 - 7.5	CLERODENDRUM	5.0 - 6.0	PUNICA	5.5 - 6.5	EDELWEISS	6.5 - 7.5	SEDUM	6.0 - 7.5
CHIVES CORN - SWEET	6.0 - 7.0 5.5 - 7.0	CLIVIA	5.5 - 6.5 6.0 - 7.0	SANSERIERIA SAXIFRAGA	4.5 - 7.0 6.0 - 8.0	ELAEAGNUS	5.0 - 7.5 5.0 - 6.0	SNAPDRAGON SNOWDROP	5.5 - 7.0 6.0 - 8.0
CRESS	6.0 - 7.0	COCKSCOMB COFFEE PLANT	5.0 - 6.0	SCINDAPSUS	5.0 - 6.0	ENKIANTHUS ERICA	4.5 - 6.0	SOAPWORT	6.07.5
COURGETTES	5.5 - 7.0	COLEUS	6.0 - 7.0	SHRIMP PLANT	6.0 - 7.0	EUPHORBIA	6.0 - 7.0	SPEEDWELL	5.5 - 6.5
CUCUMBER	5.5 - 7.5	COLUMNEA	4.5 - 5.5	SPANISH BAYONET	6.0 - 7.5	<b>EVERLASTINGS</b>	5.0 - 6.0	SPIRAEA	6.0 - 7.5
FENNEL	5.0 - 6.0	CORAL BERRY	5.5 - 7.5	SPIDER PLANT	6.0 - 7.5	FIRETHORN	6.0 - 8.0	SPRUCE	4.0 - 5.0
GARLIC	5.5 - 7.5	CRASSULA	5.0 - 6.0	SUCCULENTS	5.0 - 6.5	FORGET-ME-NOTS	6.0 - 7.0	STOCK	6.0 - 7.5
GINGER	6.0 - 8.0	CREEPING FIG	5.0 - 6.0	SYNOGONIUM	5.0 - 6.0	FORSYTHIA	6.0 - 8.0	STONECROP	6.5 - 7.5
HORSERADISH KALE	6.0 - 7.0 6.0 - 7.5	CROTON CROWN OF THORNS	5.0 - 6.0 6.0 - 7.5	TOLMIEA TRADESCANTIA	5.0 - 6.0 5.0 - 6.0	FOXGLOVE FRITILLARIA	6.0 - 7.5 6.0 - 7.5	SUMACK SUNFLOWER	5.0 - 6.5 5.0 - 7.0
KOHLRABI	6.0 - 7.5	CUPHEA	6.0 - 7.5	UMBRELLA TREE	5.0 - 7.5	FUCHSIA	5.5 - 7.5	SWEET PEA	6.0 - 7.5
LEEK	6.0 - 8.0	CYCLAMEN	6.0 - 7.0	VENUS FLYTRAP	4.0 - 5.0	GAILLARDIA	6.0 - 7.5	SWEET WILLIAM	6.0 - 7.5
LENTIL	5.5 - 7.0	CYPERUS	5.0 - 7.5	WEEPING FIG	5.0 - 6.0	GAZANIA	5.5 - 7.0	TAMARIX	6.5 - 8.0
LETTUCE	6.0 - 7.0	DIEFFENBACHIA	5.0 - 6.0	YUCCA	6.0 - 7.5	GENTIANA	5.0 - 7.5	TRILLIUM	5.0 - 6.5
MARJORAM	6.0 - 8.0	DIPLADENIA	6.0 - 7.5	ZEBRINA	5.0 - 6.0	GEUM	6.0 - 7.5	TULIP	6.0 - 7.0
MARROW MILLET	6.0 - 7.5 6.0 - 6.5	DIZGOTHECA DRACAENA	6.0 - 7.5 5.0 - 6.0	FLOWERS, TREES AND SHRUBS	10	GLADIOILI GLOBULARIA	6.0 - 7.0 5.5 - 7.0	VIBERNUM VIOLA	5.0 - 7.5 5.5 - 6.5
MINT	7.0 - 8.0	EASTER LILY	6.0 - 7.0	ABELIA	6.0 - 8.0	GODETIA	6.0 - 7.5	VIRGINIA CREEPER	5.0 - 7.5
MUSHROOM	6.5 - 7.5	ELEPHANT'S EAR	5.0 - 6.0	ACACIA	6.0 - 8.0	GOLDEN ROD	5.0 - 7.0	WALLFLOWER	5.5 - 7.5
MUSTARD	6.0 - 7.5	EPISCIA	6.0 - 7.0	ACANTHUS	6.0 - 7.0	GYPSOPHILIA	6.0 - 7.5	WATER LILY	5.5 - 6.5
OLIVE	5.5 - 6.5	EUONYMOUS	6.0 - 8.0	ACONITUM	5.0 - 6.0	HAWTHORN	6.0 - 7.0	WEIGELIA	6.0 - 7.5
ONION	6.0 - 7.0	FERNS:		ADONIS	6.0 - 8.0	HEATHER	4.0 - 6.0	WISTARIA	6.0 - 8.0
PAPRIKA	7.0 - 8.5	BIRD'S NEST	5.0 - 5.5	AGERATUM	6.0 - 7.5	HELIANTHUS	5.0 - 7.0	ZINNIA	5.5 - 7.5
PARSLEY PARSNIP	5.0 - 7.0 5.5 - 7.5	BOSTON BUTTON	5.5 - 6.5 6.0 - 8.0	AILANTHUS AJUGA	6.0 - 7.5 4.0 - 6.0	HELLEBORUS HOLLY	6.0 - 7.5 5.0 - 6.5	TURF AND ORNAMENTA BAHAI	6.5 - 7.5
PEA	6.0 - 7.5	CHRISTMAS	6.0 - 7.5	ALTHEA	6.0 - 7.5	HOLLYHOCK	6.0 - 7.5	BENT	5.5 - 6.5
PEANUT	5.0 - 6.5	CLOAK	6.0 - 7.5	ALYSSUM	6.0 - 7.5	HONEYSUCKLE	6.0 - 7.5	BERMUDA	6.0 - 7.0
PECAN	4.0 - 6.0	FEATHER	5.5 - 6.5	AMARANTHUS	6.0 - 6.5	HYACINTH	6.5 - 7.5	CANADA BLUE	4.5 - 6.4
PEPPER	5.5 - 7.0	HART'S TONGUE	7.0 - 8.0	ANCHUSA	6.0 - 7.5	HYDRANGEA (Blue)	4.0 - 5.0	CLOVER	6.0 - 7.0
PEPPERMINT	6.0 - 7.5	HOLLY	4.5 - 6.0	ANDROSACE	5.0 - 6.0	HYDRANGEA (Pink)	6.0 - 7.0	KENTUCKY BLUE	6.0 - 7.5
PISTACHIO POTATO	5.0 - 6.0 4.5 - 6.0	MAIDENHAIR RABBITS FOOT	6.0 - 8.0 6.0 - 7.5	ANEMONE ANTHYLLIS	6.0 - 7.5 5.0 - 6.0	HYDRANGEA (White) HYPERICUM	6.5 - 8.0 5.5 - 7.0	MEADOW PAMPAS	6.0 - 7.5 6.0 - 8.0
POTATO - SWEET	5.5 - 6.0	SPLEENWORT	6.0 - 7.5	ARBUTUS	4.0 - 6.0	IRIS	5.0 - 6.5	RED TOP	6.0 - 6.5
PUMPKIN	5.5 - 7.5	FIG	5.0 - 6.0	ARENARIA	6.0 - 8.0	IVY	6.0 - 7.5	RYE	6.0 - 7.0
RADISH	6.0 - 7.0	FITTONIA	5.5 - 6.5	ARISTEA	6.0 - 7.5	JUNIPER	5.0 - 6.5	ST. AUGUSTINE	6.5 - 7.5
RICE	5.0 - 6.5	FREESIA	6.0 - 7.5	ARMERIA	6.0 - 7.5	KALMIA	4.5 - 5.0	TALL FESCUE	6.0 - 7.0
ROSEMARY	5.0 - 6.0	GARDENIA	5.0 - 6.0	ARNICA	5.0 - 6.5	KERRIA	6.0 - 7.0	VELVET BENT	5.0 - 6.0
						LABURNUM	6.0 - 7.0	ZOYSIA	6.0 - 7.0

### Soil Test Kit Questions and Answers

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

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

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

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

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

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

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

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

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

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

### 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 vary 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.

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# 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.



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

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### **APPENDIX G**

BLM Seed Mixture 2, for LPC Sand/Shinnery Sites



### Seed Mixture for LPC Sand/Shinnery Sites

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

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

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

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

<sup>\*</sup>Pounds of pure live seed:

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

## **APPENDIX H**

Correspondence & Notifications



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

Phone: (505) 629-6116
Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS

Action 418725

### **QUESTIONS**

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

### QUESTIONS

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

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

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	5,496
What is the estimated number of samples that will be gathered	20
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/16/2025
Time sampling will commence	07:00 AM
Please provide any information necessary for observers to contact samplers	Please contact Erick Herrera at 432-305-6416 with any questions
Please provide any information necessary for navigation to sampling site	From the intersection of Co Rd 2 and Resource Ln stay right at the fork and head south for 2.5 miles, turn right for 2.2 miles to reach Flagler CTB (32.140569, -103.602434).

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

General Information Phone: (505) 629-6116

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

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

CONDITIONS

Action 418725

### **CONDITIONS**

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

### CONDITIONS

Created By	Condition	Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	1/8/2025

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

Phone: (505) 629-6116
Online Phone Directory
<a href="https://www.emnrd.nm.gov/ocd/contact-us">https://www.emnrd.nm.gov/ocd/contact-us</a>

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

QUESTIONS

Action 422003

### **QUESTIONS**

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

### QUESTIONS

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

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

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	9,867	
What is the estimated number of samples that will be gathered	40	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/22/2025	
Time sampling will commence	12:00 PM	
Please provide any information necessary for observers to contact samplers	Please contact Erick Herrera at 432-305-6416 with any questions	
Please provide any information necessary for navigation to sampling site	From the intersection of Co Rd 2 and Resource Ln stay right at the fork and head south for 2.5 miles, turn right for 2.2 miles to reach Flagler CTB (32.140569, -103.602434).	

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

General Information Phone: (505) 629-6116

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

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

CONDITIONS

Action 422003

### **CONDITIONS**

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

### CONDITIONS

Crea By		Condition Date
jrale	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	1/17/2025

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 432337

### **QUESTIONS**

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

### QUESTIONS

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

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

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	9,867	
What is the estimated number of samples that will be gathered	10	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/24/2025	
Time sampling will commence	07:00 AM	
Please provide any information necessary for observers to contact samplers	Please contact Erick Herrera at 432-305-6416 with any questions.	
Please provide any information necessary for navigation to sampling site	From the intersection of Co Rd 2 and Resource Ln stay right at the fork and head south for 2.5 miles, turn right for 2.2 miles to reach Flagler CTB (32.140569, -103.602434).	

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

General Information Phone: (505) 629-6116

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

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

CONDITIONS

Action 432337

### **CONDITIONS**

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

### CONDITIONS

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

## **APPENDIX I**

## **Archived Reports**





# SITE CHARACTERIZATION AND REMEDIATION PLAN

Flagler 8 CTB 1
Eddy County, New Mexico
Incident Number:

nAPP2106147760

Prepared For:

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

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

### **SYNOPSIS**

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

### SITE LOCATION AND RELEASE BACKGROUNDS

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

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

### SITE CHARACTERIZATION AND CLOSURE CRITERIA

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

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

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

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

Based on the results from the desktop review detailed in the approved RWP, the following Closure Criteria was applied:

Constituents of Concern (COCs)	Laboratory Analytical Method	Closure Criteria <sup>†</sup>
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

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

### **DELINEATION SOIL SAMPLING ACTIVITIES**

Between April 3, 2024, and April 8, 2024, Etech conducted delineation activities to assess the presence or absence of residual soil impacts associated with the AOC. Eight delineation potholes (BH01 through BH08) were advanced via mechanical equipment within and around the AOC. Delineation activities were driven in accordance with Site Closure Criteria by field screening soil for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride using Hach® chloride QuanTab® test strips or until refusal, whichever was encountered first. A minimum of two soil samples were collected from each delineation soil sampling location, representing the highest observed field screening concentrations and the greatest depth. Field screening results and soil descriptions are included on soil sampling logs shown in **Appendix C**. The delineation soil sample locations are shown in Figure 2 in **Appendix A**. Photographic documentation of delineation activities is included in **Appendix D**.

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

### LABORATORY ANALYTICAL RESULTS

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

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

### PROPOSED REMEDIATION WORK PLAN

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

 Laboratory analytical results for all delineation soil samples within and around the AOC indicated that TPH-GRO+TPH-DRO/TPH was the only observable residual impact and no chloride impacts were detected, making it a suitable candidate to treat hydrocarbon impacted soil by means of soil shredding.

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

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

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

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

 Devon proposes increasing the confirmation sampling size from 200 square feet per confirmation soil sample to represent a maximum of 500 square feet. As such, 20 confirmation soil samples are anticipated to be collected, compared to 50 soil samples utilizing a sampling frequency of 200 square feet. • Lateral/edge confirmation soil samples will still be collected at a sampling frequency representing no more than 200 square feet per soil sample. Confirmation soil samples will be submitted to an accredited laboratory for analysis of chloride, TPH, and BTEX.

### PROPOSED SCHEDULE

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

If you have any questions or comments, please do not hesitate to contact Joseph Hernandez at (432) 305-6413 or <a href="mailto:joseph@etechenv.com">joseph@etechenv.com</a> or Erick Herrera (432) 305-6416 or <a href="mailto:erick@etechenv.com">erick@etechenv.com</a>. **Appendix G** provides correspondence email notification receipts associated with the subject release.

Sincerely,

Etech Environmental and Safety Solutions, Inc.

Erick Herrera Staff Geologist Joseph S. Hernandez Senior Managing Geologist

cc: Jim Raley, DEVON

New Mexico Oil Conservation Division

Bureau of Land Management

### Appendices:

Appendix A: Figure 1: Site Map

Figure 1A: Site Characterization Map – Groundwater

Figure 1B: Site Characterization Map – Surficial Receptors

Figure 1C: Site Characterization Map – Subsurface Receptors

Figure 2: Delineation Soil Sample Locations

Figure 3: Proposed Excavation Extent

Appendix B: Referenced Well Records

**Appendix C:** Soil Sampling Logs **Appendix D:** Photographic Log

Appendix E: Tables

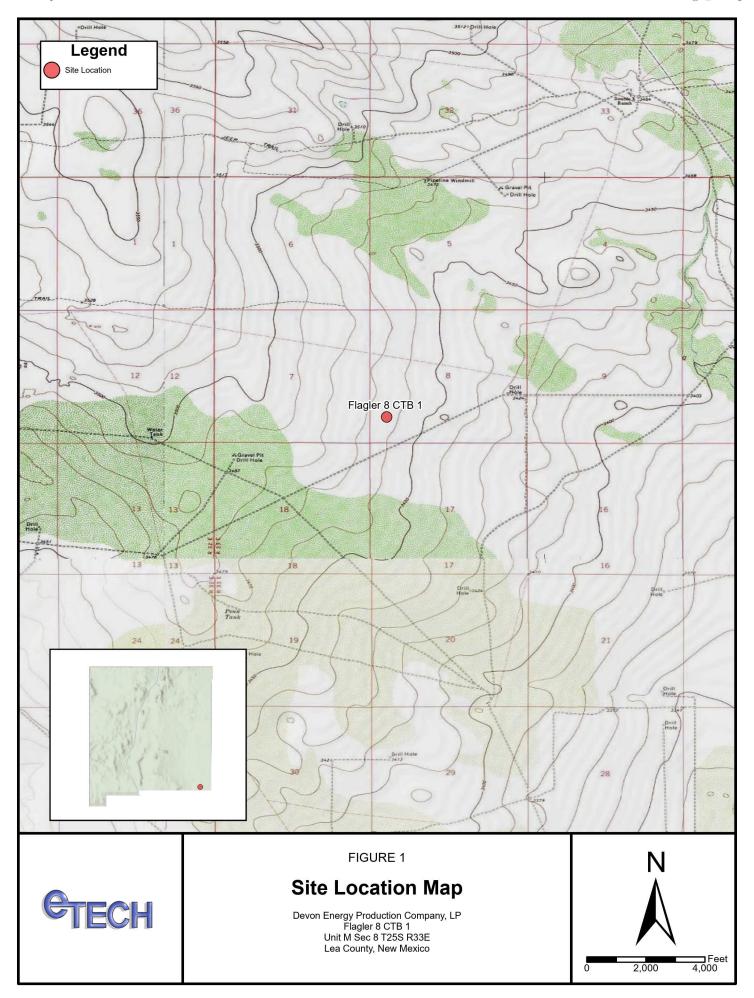
**Appendix F**: Laboratory Analytical Reports & Chain-of-Custody Documentation

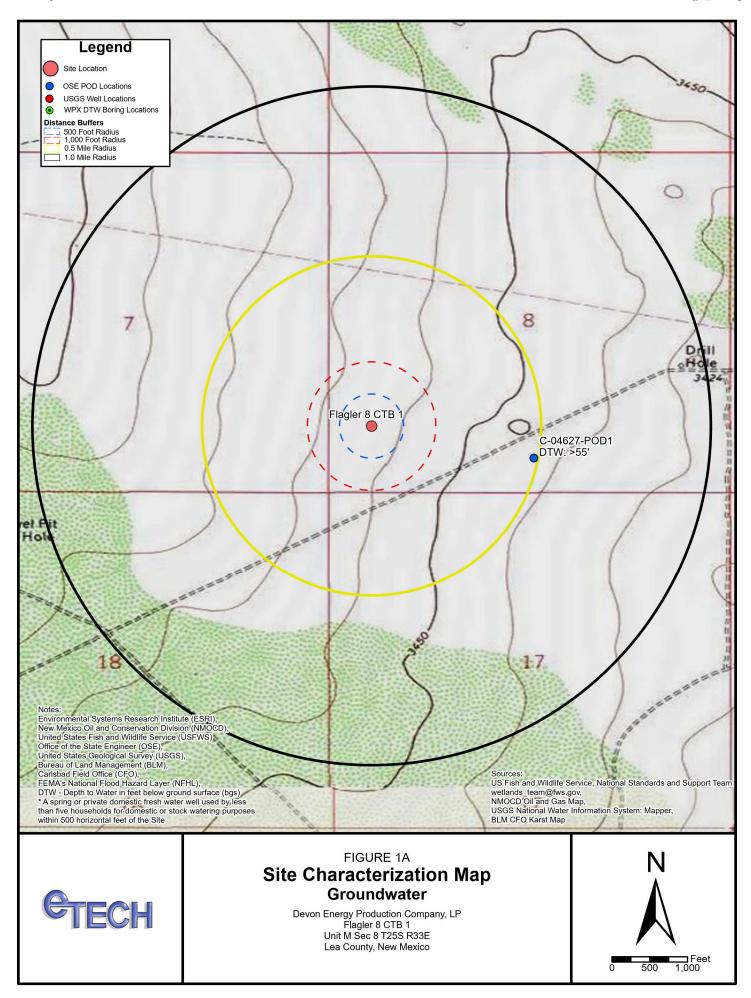
**Appendix G**: Correspondence & Notifications

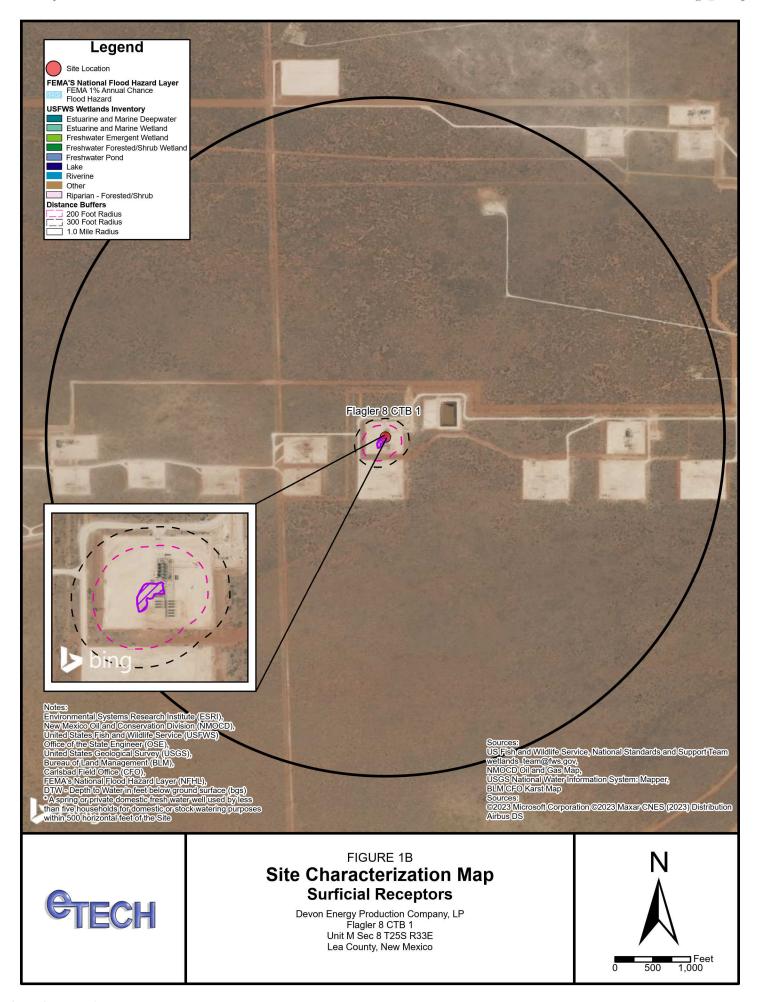
## **APPENDIX A**

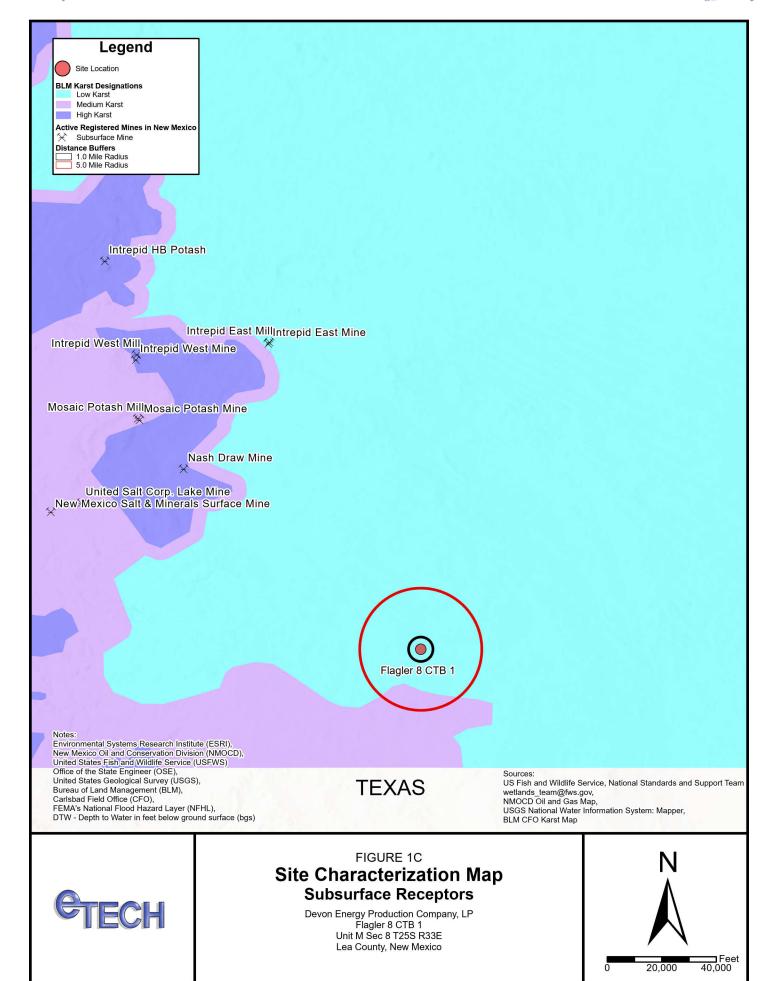
**Figures** 

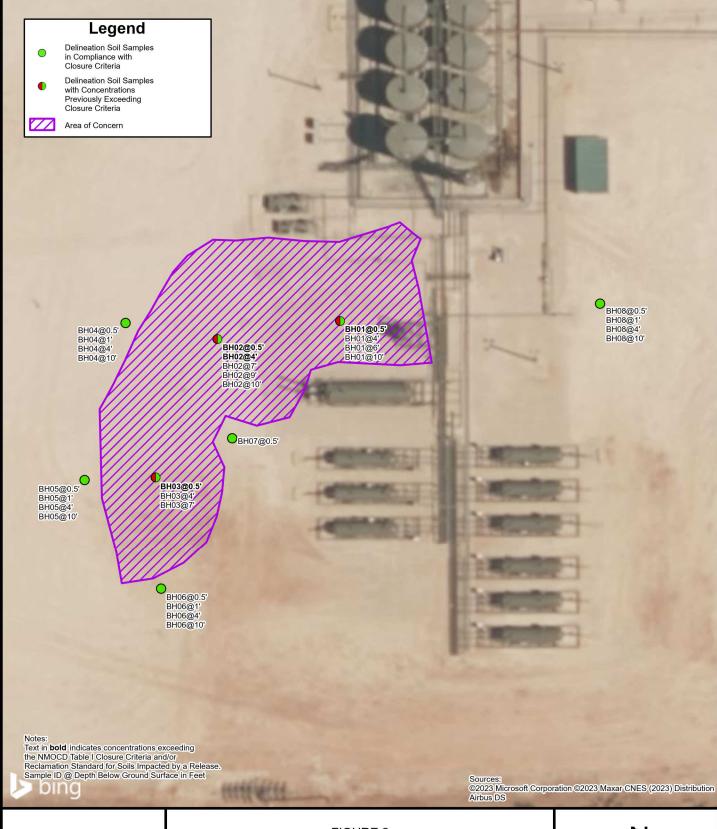










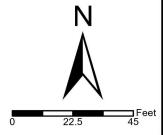


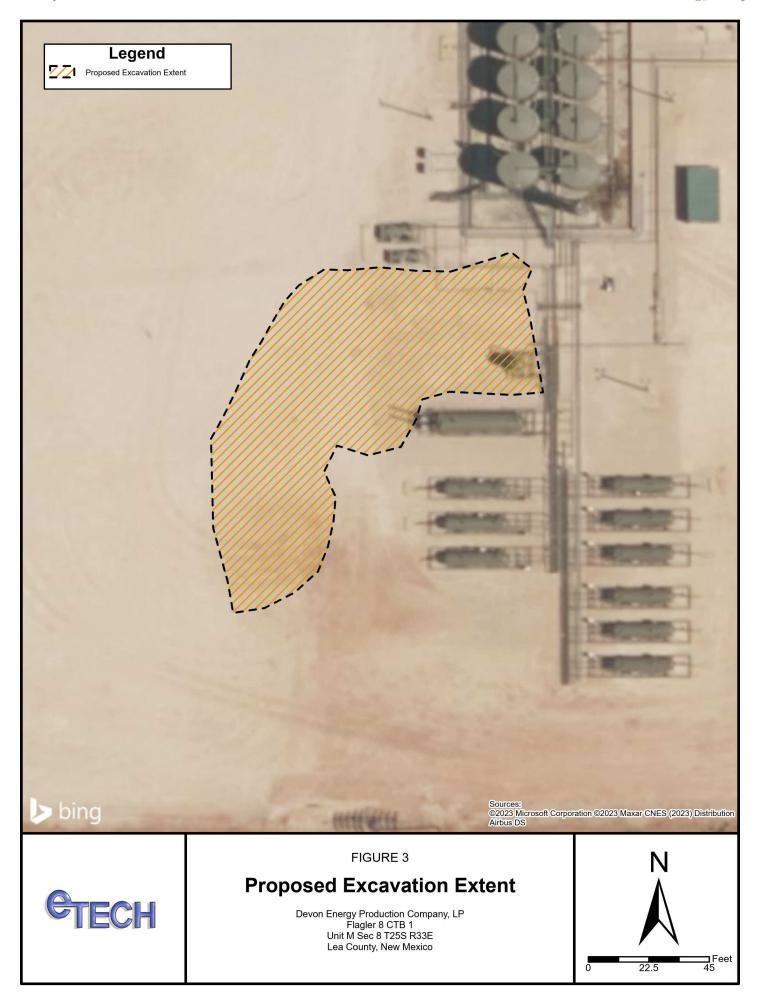


### FIGURE 2

### **Delineation Soil Sample Locations**

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





### **APPENDIX B**

Referenced Well Records





### WELL RECORD & LOG

### OFFICE OF THE STATE ENGINEER

### www.ose.state.nm.us

NO	OSE POD NO POD 1 (T		L NO.)			WELL TAG ID NO.			OSE FILE NO(S). C-4627					
OCATIO	WELL OWN Devon En		ME(S)						PHONE (OPTION 575-748-183					*
WELL L	WELL OWN 6488 7 R			ADDRESS					CITY Artesia		ST N	M	88210	ZIP
GENERAL AND WELL LOCATION	WELL LOCATIO (FROM G	ON		TUDE GITUDE	EGREES MINUTES SECONDS 20.92 N 103 35 36.25 W			* ACCURACY REQUIRED: ONE TENTH OF A SECOND     * DATUM REQUIRED: WGS 84						
1. GENI			ATING	G WELL LOCATION T SS R33S NMPM	O STREET ADD	RESS AND COMMON	N LANDM	IARKS – PLS	SS (SECTION, TO	WNSHJIP, RAN	VGE) WHERE	AVAII	LABLE	
	LICENSE NO	o. 49		NAME OF LICENSE		Jackie D. Atkins					ELL DRILLI		MPANY Associates, I	nc.
	DRILLING S		D	DRILLING ENDED 6/7/2022	1	OMPLETED WELL (F emporary Well	T)	1	ble depth (ft)   depth water first encountered (ft)   ±55   N/A					
NO	COMPLETE	D WELL	IS:	ARTESIAN	✓ DRY HO	LE SHALLO	W (UNC	ONFINED)	STATIC WATER LEVEL IN COMPLETED WELL N/A 6/13/2022					
ATIC	DRILLING I	LUID:		☐ AIR	☐ MUD	ADDITIV	ES – SPE							
DRILLING & CASING INFORMATION	DRILLING METHOD: ROTARY HAMMER CABLE TOOL OTHER - SPECIFY:							Hollow Stem	Auger	INSTALLEI	RE IF P	ITLESS ADAI	TER IS	
	DEPTH FROM	DEPTH (feet bgl)  FROM TO DIAM (inches)		(include	(include each casing string, and			ASING CASING NECTION INSIDE DIAM TYPE (inches)		IAM.	CASING WALL THICKNESS (inches)		SLOT SIZE (inches)	
& CA	0	5	55	±6.5	Hote	Boring-HSA	,	(add coup	ling diameter)					
NG 6									18					
ITI														
DRI														
7		-												
		-		-										
		-		-	-									
_		_		+	+						_			
314														
[AL	DEPTH (feet bgl)  FROM TO  BORE HOLE DIAM. (inches)				LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERV					T	METHOD OF PLACEMENT			
ANNULAR MATERIAL														
MA														
AR										USE 0	II JUN 1	18 20	)22 PM3).1	.0
MICE												_		
AN				<b>_</b>								_		
3.					-							+		
	OSE INTER									0 WELL RE	CORD & L	OG (V	Version 01/2	8/2022)
_		46	27	1209-		POD NO	). 		TRN		126	17	4	
Loc	ATION			25.33	.08.	534			WELL TAG I	D NO.			PAGE	1 OF 2

	DEPTH (feet bgl)  FROM TO		THICKNESS (feet)	INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES					WATER BEARING? (YES / NO)		ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	0	7	7	Sar	nd, Fine-grained, poo	rly graded, 2.5	YR 3/6, Dark Red		Υ,	/ N	
	7	24	17		Caliche, with Fine-g	rained sand, 7.5	YR 7/4, Pink	Υ ,	/ N	0	
	24	55	31	Caliche,			dated, 7.5 YR 7/4, Pir	ık	Y	/ N	
									Y	N	
									Y	N	
Ţ									Y	N	
4. HYDROGEOLOGIC LOG OF WELL									Y	N	
OF									Y	N	
90°									Y	N	
ICI									Y	N	
507									Y	N	
EO									Y	N	
ROC									Y	N	
HXD									Y	N	
4									Y	N	
									Y	N	
									Y	N	
									Y	N	
									Y	N	
									Y	N	
									Y	N	
									AL ESTIMA LL YIELD (		0.00
	PUM	P	AIR LIFT	BAILER	OTHER – SPE	CIFY:		WEI	L TIELD (	gpiii).	0.00
NOIS	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.										
TEST; RIG SUPERVIS	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  OSE DII JUN 16 2022 PM3:10										
TES	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:										
'n	Shane Eldridge, Cameron Pruitt										
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:										
6. SIGNA	Jack 1	Jackie D. Atkins							6/16/2	022	
	SIGNATURE OF DRILLER / PRINT SIGNEE NAME							DATE			
	R OSE INTER	NAL USE	27 -	0	POD NO.		WR-20 W		CORD & LO	OG (Wei	rsion 01/28/2022)
-	CATION	-41	20 20	3.08.3	/	1				7	PAGE 2 OF 2
LU	CATION		15.5	0.00.5	257		WELL TAG ID NO	).			TAGE 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,

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 2<sup>nd</sup> 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,

Lucas Middleton

Enclosures: as noted above

Grean Whodom

OSE DII JUN 16 2022 PM3:10

## **APPENDIX C**

Soil Sampling Logs



									Camaria Namas DI 104	D-4 04/02/2024 & 04/08/2024			
							_		Sample Name: BH01	Date: 04/03/2024 & 04/08/2024			
					7				Site Name: FLAGLER 8 CTB 1 Incident Number: nAPP2106147	7760			
					5				Job Number: 19290	700			
	I ITU	ון הכי		SOII	SAME	)	NG LOC	<u> </u>	Logged By: Edyte Konan	Method: Backhoe			
	ordinate					LII	NG LOC	,	Hole Diameter: N/A				
						HΔCI	H Chloride	Test Stri	ps and PID for chloride and vapo	Total Depth: 10 feet			
									on factors included.	or, respectively. Official test			
Moisture Content					Depth (feet bgs)		Lithologic Des	criptions/Notes					
Dry	328	210.7	Yes	BH01	0.5	+	0.5	CCHE	(0-3') CALICHE, dry, tan, well gr grain, some small gravel,	raded with silt, fine to coarse some staining, some odor.			
Dry	224	971.3	Yes		1	+	_ 1		(3-4') SAND, dry, brown, poorly to fine grain, no stain, no	-			
Dry	224	70.6	No			+	2		(4-10') CALICHE, dry, tan, well graded with silt, fine to coar grain, some small gravel, no stain, no odor.				
						+	_ 3	SP-SM					
Dry	196	29.6	No	BH01	4	1	_ 4	CCHE					
Dry	<116	29.4	No			1	5						
Dry	<116	0.5	No			1	6						
						†	_ 7						
						†	_ 8						
						+	_ 9						
Dry <116 0.0 No BH01 10							10	Total D	epth				

									Camaria Marca DUICO	D-t 04/02/0204 & 04/02/0204			
									Sample Name: BH02	Date: 04/03/2024 & 04/08/2024			
			Anthon ()		2				Site Name: FLAGLER 8 CTB 1 Incident Number: nAPP2106147	760			
				processories and a	5				Job Number: 19290	100			
	I ITU	JI OGI	C /	SOII	SVME	י וכ	NG LOG	<u> </u>		Method: Backhoe			
l———	ordinate					<u> </u>	ING LOC		Hole Diameter: N/A	Total Depth: 10 feet			
						HAC	H Chloride	Test Stri	ps and PID for chloride and vapo	-			
									on factors included.	,			
Moisture Content	0 0 4				Depth (feet bgs)	Lithologic Des	criptions/Notes						
Dry	224	593.2	Yes	BH02	0.5		0 - 0.5	CCHE	(0-3') CALICHE, dry, tan, well gr grain, some small gravel, s				
Dry	196	1,491	Yes		1		_ 1		(3-4') SAND, dry, brown, poorly ( to fine grain, no stain, som				
Dry	196	1,572	Yes				- _ 2		(4-10') CALICHE, dry, tan, well graded with silt, fine to coar grain, some small gravel, no stain, some odor.				
							- _ 3	SP-SM	_				
Dry	196	1,574	No	BH02	4		_ 4	CCHE					
Dry	196	1,468	No		5		_ 5						
Dry	196	1,161	No		6		- _ 6						
Dry	<124	7.5	No		7		- - <sup>7</sup>						
Dry	196	302.1	No		8		- _ 8						
Dry	<116	6.8	No	BH02	9		- _ 9						
Dry	<116	3.2	No	BH02	10		10	Total D	otal Depth				

<b>—</b>												
									Sample Name: BH03 Date: 04/03/2024 & 04/08	2024		
									Site Name: FLAGLER 8 CTB 1			
									Incident Number: nAPP2106147760			
									Job Number: 19290			
	LITHO	DLOG	C/	SOIL	SAME		NG LO	3	Logged By: Edyte Konan Method: Backhoe			
Site Co	ordinate	s: 32.14	0448	, -103.60	01253				Hole Diameter: N/A Total Depth: 7 feet			
									ips and PID for chloride and vapor, respectively. Chloride te	st		
periorm	lea with	1:4 diluti	on ia I	Ctor or s	on to a	Sune	ed water. N		tion factors included.			
Moisture Content	Content Chloride (ppm) Vapor (ppm) Sample ID Sample Depth (feet bgs) Depth (feet bgs) Samble Depth Sample Sample Sample Sample Sample Sample Sample Sample Sample				(feet bgs)	Depth (feet bgs)	USCS/Rocl Symbol	Lithologic Descriptions/Notes				
Dry	196	1,210	Yes	BH03	0.5		0 0.5	CCHE	(0-3') CALICHE, dry, tan, well graded with silt, fine to coars grain, some small gravel, some staining, some odor.	е		
						Ť	-					
Dry	Dry 196 934.3 Yes 1 1 1								(3-4') SAND, dry, brown, poorly graded with some silt, very to fine grain, no stain, some odor.	fine		
							-		(4-7') CALICHE, dry, tan, well graded with silt, fine to coars	е		
Dry 196 512.4 No 2							_ 2		grain, some small gravel, no stain, no odor.			
									@7' refusal			
	3 SP-						3	SP-SM	-			
					+	_	0. 0					
							_					
						T	-					
Dry	196	155.1	No	BH03	4	4	_ 4	CCHE				
						+	-					
Dry	<116	3.0	No				5					
							_					
							_					
						Ţ	_					
						4	_ 6					
						+	-					
Dry	<116	0.0	No	BH03	7		7					
			•		•			Total D	Depth			
		\										
			<u> </u>	_								
					<u></u>							
									_			
										_		

									Sample Name: BH04	Date: 04/08/2024	
									Site Name: FLAGLER 8 CTB 1	Date: 01/00/2027	
		5							Incident Number: nAPP2106147	7760	
					5				Job Number: 19290		
	LITHO	DLOG	C/	SOIL	SAMF	PLI	NG LOC	}	Logged By: Edyte Konan	Method: Backhoe	
II———		s: 32.140							Hole Diameter: N/A	Total Depth: 10 feet	
Comme	nts: Fiel	d screer	ing c	onducte	d with F				ps and PID for chloride and vapo	-	
performed with 1:4 dilution factor of soil to distilled water. No corre									on factors included.		
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth	(feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Des	criptions/Notes	
Dry	192	0.0	No	BH04	0.5	+	0 0.5	CCHE	(0-3') CALICHE, dry, tan, well gr grain, some small gravel,		
Dry	192	0.0	No	BH04	1	1	_ 1		(3-4') SAND, dry, brown, poorly to fine grain, no stain, no	-	
					_ 2		(4-10') CALICHE, dry, tan, well ( grain, some small gravel,				
						+	_ 3	SP-SM			
Dry	192	0.0	No	BH04	4	+	4	CCHE			
						+	5				
						+	6				
						1	7				
						1	8				
						+	9				
Dry	<124	0.0	No	BH04	10		10	Total D	epth		

									Sample Name: BH05	Date: 04/08/2024
									Site Name: FLAGLER 8 CTB 1	<del>'</del>
		5							Incident Number: nAPP2106147	7760
									Job Number: 19290	
	LITHO	DLOGI	C/	SOIL	SAMF		NG LO	}	Logged By: Edyte Konan	Method: Backhoe
		s: 32.140							Hole Diameter: N/A	Total Depth: 10 feet
								o correcti	ps and PID for chloride and vapo on factors included.	or, respectively. Chloride test
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID Sample Depth (feet bgs) Depth (feet bgs) USCS/Rock Symbol		Lithologic Descriptions/Notes				
Dry	<124	6.7	No	BH05	0.5	$\downarrow$	0 0.5	CCHE	(0-3') CALICHE, dry, tan, well gr grain, some small gravel,	
Dry	<124	0.0	No	BH05	1	+	_ 1		(3-4') SAND, dry, brown, poorly to fine grain, no stain, no	-
						+	2		(4-10') CALICHE, dry, tan, well of grain, some small gravel,	
						†	_ 3	SP-SM		
Dry	<124	0.0	No	BH05	4		_ 4	CCHE		
						$\frac{1}{1}$	_ 5			
						Ţ	_ 6			
						1	7			
						+	_ 8			
						†	9			
Dry	<124	0.0	No	BH05	10		10	Total D	epth	

									Sample Name: BH06	Date: 04/08/2024	
									Site Name: FLAGLER 8 CTB 1	Date. 04/00/2024	
		5	П		N				Incident Number: nAPP2106147	7760	
					5				Job Number: 19290		
	LITHO	DLOGI	C/	SOIL	SAME	PLII	NG LOC	3	Logged By: Edyte Konan	Method: Backhoe	
		s: 32.140							Hole Diameter: N/A	Total Depth: 10 feet	
									ips and PID for chloride and vapo on factors included.	-	
Moisture Content	Chloride (ppm)	Vapor (ppm)				USCS/Rock Symbol	Lithologic Descriptions/Notes				
Dry	<124	0.0	No	вно6	0.5	1	0 0.5	CCHE	(0-3') CALICHE, dry, tan, well gr grain, some small gravel,		
Dry	<124	0.0	No	BH06	1	+	_ 1		(3-4') SAND, dry, brown, poorly to fine grain, no stain, no	-	
						+	_ 2		(4-10') CALICHE, dry, tan, well graded with silt, fine to coars grain, some small gravel, no stain, no odor.		
						+	_ 3	SP-SM			
Dry	<124	0.0	No	BH06	4		_ 4	CCHE			
							_ 5				
							6				
						1	7				
						1	_ 8				
						†	_ 9				
Dry	<124	0.0	No	BH06	10		10	Total D	epth		

									Sample Name: BH07	Date: 04/08/2024	
							п		Site Name: FLAGLER 8 CTB 1	Date. 07/00/2027	
		5	П						Incident Number: nAPP2106147	7760	
					5				Job Number: 19290		
	LITHO	LOGI	C/	SOIL	SAME	PLI	NG LOC	<del></del>	Logged By: Edyte Konan	Method: Backhoe	
		s: 32.140							Hole Diameter: N/A	Total Depth: 10 feet	
						HACI	H Chloride	Test Stri	ps and PID for chloride and vapo	-	
perform	ed with	1:4 dilutio	on fa	ctor of s	oil to di	stille	d water. N		on factors included.		
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs) Depth (feet bgs)				Lithologic Descriptions/Notes		
Dry	192	0.0	No	BH07	0.5	-	0 0.5	CCHE	(0-3') CALICHE, dry, tan, well gr grain, some small gravel,		
Dry	<124	0.0	No	BH07	1	+	_ 1		(3-4') SAND, dry, brown, poorly to fine grain, no stain, no	·	
						+	2		(4-10') CALICHE, dry, tan, well ( grain, some small gravel,		
						† †	_ 3	SP-SM			
Dry	<124	0.0	No	BH07	4		_ 4	CCHE			
							5				
							_ 6				
						1	7				
						†	8				
						†	9				
Dry <124 0.0 No BH07 10 10 Tot							10	Total D	epth		

<b>I</b> I									Sample Name: BH08	Date: 04/08/2024
							п		Site Name: FLAGLER 8 CTB 1	Date. 07/00/2027
		5	П						Incident Number: nAPP2106147	7760
					5				Job Number: 19290	
	LITHO	LOGI	C/	SOIL	SAMP	LIN	NG LOG	<del></del>	Logged By: Edyte Konan	Method: Backhoe
Site Coo									Hole Diameter: N/A	Total Depth: 10 feet
						IACH	- Chloride	Test Stri	ps and PID for chloride and vapo	-
performe	ed with	1:4 diluti	on fa	ctor of s	oil to dis	tilled	d water. N		on factors included.	
Moisture Content	Chloride (ppm) Vapor (ppm) Staining Sample ID Sample Depth (feet bgs) Depth (feet bgs) USCS/Rock			Lithologic Descriptions/Notes						
Dry	<124	0.0	No	BH08	0.5	+	0 0.5	CCHE	(0-4') CALICHE, dry, tan, well gr grain, some small gravel,	
Dry	<124	0.0	No	BH08	1	+	- 1		(4-10') SAND, dry, brown, poorly to fine grain, no stain, no o	y graded with some silt, very fine odor.
					+	2		@5' Color change to light brown		
					-					
						$\downarrow$	3			
						+				
Dry	<124	0.0	No	BH08	4	+	- 4	SP-SM		
						1	_ 5			
						+				
						+	- 6			
						+	_			
						+	- 7			
						1	. 8			
	9									
Dry	<124	0.0	No	BH08	10	+	10			
- · <del>,</del>	· <del>-</del> ·					!_		Total D	epth	

# APPENDIX D

Photographic Log

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





#### **PHOTOGRAPHIC LOG**

Devon Energy Production Company, LP Flagler 8 CTB 1

Incident Number nAPP2106147760



Date: 04/08/2024 Photograph 1 Description: Northeastern view of delineation

activities.

Date: 04/08/2024 Photograph 2 Description: Southeastern view of delineation activities.





Photograph 3 Date: 04/08/2024 Description: Eastern view of delineation activities.

Date: 04/08/2024 Photograph 4 Description: Northwestern view of delineation activities.

# **APPENDIX E**

**Table** 

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

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	DRO+GRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closur Release (NMAC 19.15.		s Impacted by a	10	50	NE	NE	NE	1,000	2,500	10,000
				Delineation Se	oil Samples - Incident I	Number nAPP21061477	60			
BH01	04/03/2024	0.5	<0.0250	2.75	89.8	13,600	4,660	13,700	18,300	112
BH01	04/03/2024	4	<0.0250	<0.0500	<20.0	425	306	425	731	<20.0
BH01	04/08/2024	6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH01	04/08/2024	10	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	36.7
BH02	04/03/2024	0.5	0.319	48.1	428	12,300	4,660	12,700	17,400	42.8
BH02	04/03/2024	4	<0.0250	8.34	146	3,640	989	3,790	4,780	<20.0
BH02	04/08/2024	7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH02	04/03/2024	9	<0.0250	<0.0500	<20.0	152	93.6	152	246	<20.0
BH02	04/08/2024	10	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH03	04/03/2024	0.5	0.049	27.6	435	19,500	4,930	19,900	24,900	31.5
BH03	04/03/2024	4	<0.0250	0.315	<20.0	645	325	645	970	<20.0
BH03	04/08/2024	7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH04	04/08/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	33.3
BH04	04/08/2024	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	23.3
BH04	04/08/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH04	04/08/2024	10	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH05	04/08/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH05	04/08/2024	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH05	04/08/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH05	04/08/2024	10	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	20.4
BH06	04/08/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH06	04/08/2024	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH06	04/08/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH06	04/08/2024	10	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH07	04/08/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	194
BH07	04/08/2024	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH07	04/08/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH07	04/08/2024	10	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0



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

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	DRO+GRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29)		10	50	NE	NE	NE	1,000	2,500	10,000	
BH08	04/08/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH08	04/08/2024	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH08	04/08/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH08	04/08/2024	10	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

GRO: Gasoline Range Organics DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Text in "grey" represents excavated soil samples

Concentrations in **bold** exceed the NMOCD Table I Closure Criteria and/or Reclamation Standard<sup>†</sup> for Soils Impacted by a Release

<sup>†</sup> 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 NIMAC 19.15.17.13.

# **APPENDIX F**

Laboratory Analytical Reports & Chain-of-Custody Documentation

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Report to:
Gilbert Moreno







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: E404036

Job Number: 01058-0007

Received: 4/5/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 4/10/24

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

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

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

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

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

Date Reported: 4/10/24

Gilbert Moreno 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: FLAGLER 8 CTB 1

Workorder: E404036

Date Received: 4/5/2024 6:30:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/5/2024 6:30:00AM, under the Project Name: FLAGLER 8 CTB 1.

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

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

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881

Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

**Alexa Michaels** 

Sample Custody Officer Office: 505-632-1881

labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe

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

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Golzales

Client Representative Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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#### **Sample Summary**

	Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
١	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported.
	Artesia NM, 88210	Project Manager:	Gilbert Moreno	04/10/24 11:47

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



# **Sample Data**

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

#### BH01 0.5' F404036-01

		E404036-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: BA		Batch: 2414072
Benzene	ND	0.0250	1	04/05/24	04/06/24	
Ethylbenzene	0.217	0.0250	1	04/05/24	04/06/24	
Toluene	0.243	0.0250	1	04/05/24	04/06/24	
o-Xylene	0.215	0.0250	1	04/05/24	04/06/24	
p,m-Xylene	2.08	0.0500	1	04/05/24	04/06/24	
Total Xylenes	2.29	0.0250	1	04/05/24	04/06/24	
Surrogate: 4-Bromochlorobenzene-PID		123 %	70-130	04/05/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2414072
Gasoline Range Organics (C6-C10)	89.8	20.0	1	04/05/24	04/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.2 %	70-130	04/05/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2414069
Diesel Range Organics (C10-C28)	13600	125	5	04/05/24	04/08/24	
Oil Range Organics (C28-C36)	4660	250	5	04/05/24	04/08/24	
Surrogate: n-Nonane		135 %	50-200	04/05/24	04/08/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2414073
Chloride	112	20.0	1	04/05/24	04/05/24	



Devon Energy - Carlsbad FLAGLER 8 CTB 1 Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Gilbert Moreno 4/10/2024 11:47:36AM **Volatile Organics by EPA 8021B** Analyst: BA Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2414072-BLK1) Prepared: 04/05/24 Analyzed: 04/05/24 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.71 8.00 96.4 70-130 LCS (2414072-BS1) Prepared: 04/05/24 Analyzed: 04/05/24 5.31 106 70-130 5.00 Benzene 0.0250 Ethylbenzene 5.16 0.0250 5.00 103 70-130 5.30 0.0250 5.00 106 70-130 Toluene o-Xylene 5.24 0.0250 5.00 105 70-130 10.5 10.0 105 70-130 0.0500 p.m-Xvlene 105 70-130 15.8 15.0 Total Xylenes 0.0250 8.00 97.8 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.82 Source: E404034-05 Matrix Spike (2414072-MS1) Prepared: 04/05/24 Analyzed: 04/05/24 6.57 0.0250 5.00 1.68 54-133 Benzene 61-133 Ethylbenzene 8.02 0.0250 5.00 3.64 87.7 Toluene 17.7 0.0250 5.00 14.5 63.9 61-130 11.5 7.63 78.0 63-131 5.00 0.0250 o-Xylene p,m-Xylene 27.8 0.0500 10.0 21.1 66.1 63-131 0.0250 15.0 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.56 8.00 Matrix Spike Dup (2414072-MSD1) Source: E404034-05 Prepared: 04/05/24 Analyzed: 04/05/24 5.92 0.0250 5.00 1.68 84.8 54-133 10.4

3.64

14 5

7.63

21.1

28.8

76.3

67.7

74.1

68.6

70.4

107

5.00

5.00

5.00

10.0

15.0

8.00

7.46

17.9

11.3

28.0

39.3

8.58

0.0250

0.0250

0.0250

0.0500

0.0250

61-133

61-130

63-131

63-131

63-131

70-130

7.32

1.09

1.72

0.906

0.143

20

20

20

20

20



Ethylbenzene

Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

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

Artesia NM, 88210		Project Manage	r: Gi	lbert Moreno				4/10	/2024 11:47:36AN
	Non	halogenated	Organics l	by EPA 80	15D - Gl	RO		I	Analyst: BA
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2414072-BLK1)							Prepared: 0	4/05/24 Analy	zed: 04/05/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.20		8.00		90.1	70-130			
LCS (2414072-BS2)							Prepared: 0	4/05/24 Analy	zed: 04/05/24
Gasoline Range Organics (C6-C10)	45.5	20.0	50.0		91.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.38		8.00		92.2	70-130			
Matrix Spike (2414072-MS2)				Source:	E404034-0	05	Prepared: 0-	4/05/24 Analy	zed: 04/05/24
Gasoline Range Organics (C6-C10)	235	20.0	50.0	224	21.5	70-130			M4
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.59		8.00		94.8	70-130			
Matrix Spike Dup (2414072-MSD2)				Source:	E404034-0	05	Prepared: 0	4/05/24 Analy	zed: 04/05/24
Gasoline Range Organics (C6-C10)	247	20.0	50.0	224	44.9	70-130	4.87	20	M4
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.72		8.00		96.5	70-130			

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

Artesia NM, 88210		Project Manager	r: Gi	lbert Moreno				4/	10/2024 11:47:36AI
	Nonha	logenated Or	ganics by	EPA 8015I	) - DRO	ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2414069-BLK1)							Prepared: 0	4/05/24 Ana	lyzed: 04/08/24
Diesel Range Organics (C10-C28)	ND	25.0							
il Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	40.5		50.0		81.0	50-200			
CS (2414069-BS1)							Prepared: 0	4/05/24 Ana	lyzed: 04/08/24
Diesel Range Organics (C10-C28)	250	25.0	250		99.9	38-132			
urrogate: n-Nonane	43.9		50.0		87.8	50-200			
Matrix Spike (2414069-MS1)				Source:	E404022-0	04	Prepared: 0	4/05/24 Ana	lyzed: 04/08/24
Diesel Range Organics (C10-C28)	249	25.0	250	ND	99.7	38-132			
urrogate: n-Nonane	43.9		50.0		87.7	50-200			
Matrix Spike Dup (2414069-MSD1)				Source:	E404022-0	04	Prepared: 0	4/05/24 Ana	lyzed: 04/08/24
Diesel Range Organics (C10-C28)	258	25.0	250	ND	103	38-132	3.45	20	
urrogate: n-Nonane	44.5		50.0		89.0	50-200			

Matrix Spike Dup (2414073-MSD1)

Chloride

#### **QC Summary Data**

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number Project Manage	: (	FLAGLER 8 C 01058-0007 Gilbert Moreno				4/	Reported: /10/2024 11:47:36AM
		Anions	by EPA	300.0/9056	A				Analyst: IY
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2414073-BLK1)							Prepared: 0	4/05/24 Ana	alyzed: 04/05/24
Chloride	ND	20.0							
LCS (2414073-BS1)							Prepared: 0	4/05/24 Ana	alyzed: 04/05/24
Chloride	251	20.0	250		100	90-110			
Matrix Snike (2414073-MS1)				Source:	E404035-	-03	Prepared: 0	4/05/24 Ana	alvzed: 04/05/24

250

250

20.0

20.0

ND

101

100

Source: E404035-03

80-120

80-120

0.410

Prepared: 04/05/24 Analyzed: 04/05/24

252

251

#### 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	
l	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
l	Artesia NM, 88210	Project Manager:	Gilbert Moreno	04/10/24 11:47

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

associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



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	FLAGLER				Attention: Jim Raley		Lab	Y54	21		Job N	lumb	er	1D	2D	3D	Standard	CWA	SDWA
	/lanager:				Address: 5315 Buena Vista Dr.		E	1041	024				-0007				5 day TAT		The Assessment
	13000 W				City, State, Zip: Carlsbad, NM, 8	38220				A	Analys	is and	Metho	d					RCRA
_	e, Zip_O		79765		Phone: 575-885-7502			10											
	32-305-6				Email: jim.raley@dvn.com			801										State	
mail: D	evon-tear	n@etech	env.com		WO: 21179750			yd C									NM CO	UT AZ	TX
3					Incident ID: nAPP2106147760			TPH GRO/DRO/ORO by 8015											
n Vallasta	d boo Edua	o Vones						DRO	120	09	10	0.00		ΣZ		×			
	d by: Edyt	e Konan				Winds and a second	£	RO/	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		0			×		
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID	Lab	Depth(ft.)	H.G	EX	OC P	etal	lori		BGDOC		GDOC		Remarks	
Sampled	Sampica					Number	ŏ	=	8	>	Σ	0		m		9			
11:00	04.03.24	S	1		BH01	1	0.5							X					
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Addition	al Instru	ctions:																	
							A	100					March 1990	8.10				int is	
					I am aware that tampering with or intentionally n	nislabelling the samp	ole loca	ition,									ceived on ice the da ess than 6 °C on sub		
				may be grounds for l							received	3 poekeo	milec at a					ssequent days.	
Relinquish	ed by: (Sign	dure)	Date	04/24 10:3	Received by: (Signature)	Date 4-4-2	111	Time	127					A		se Onl	y		
2 11 1-1	11 /5			1			-7	_	130		Rece	ived	on ice:	(	) N				
	ed by: (Sign	(ure)	Date 1 (	4.24 15	Received by: (Signature)	Date	211	Time	n.	_									
Mysl	ed by: (Sign	July e	Date	Time		4-4-	M	Time	100	_	<u>T1</u>			<u>T2</u>			<u>T3</u>		
Relinguish	ed by: (Sign:	ature 1		RV:1105(05-05-	Received by: (Signature)	Date	120	TY.	27	1			. (	1					
	rew i	100		4-14 2	No Car	7 17	UT	U	120		AVG								
				queous, O - Other _		Container													
					unless other arrangements are made. Haza									ient e	xpense	e. The	report for the a	nalysis of th	ne above
mples is	applicable of	only to thos	se samples r	eceived by the lab	poratory with this COC. The liability of the lab	poratory is limited	to the	amour	nt paid	for	on the	repor	t.						



e. The report for the analysis of the above

enviroteches

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

#### Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

Client: Devon Energy - Carlsbad Da	te Received:	04/05/24	06:30		Work Order ID:	E404036
one: (575) 748-0176 Da	te Logged In:	04/04/24	16:19		Logged In By:	Angelina Pineda
nail: Devon-team@etechenv.com Du	e Date:	04/11/24	17:00 (4 day TAT)			
hain of Custody (COC)						
Does the sample ID match the COC?		Yes				
. Does the number of samples per sampling site location match	the COC	Yes				
. Were samples dropped off by client or carrier?		Yes	Carrier:	Courier		
. Was the COC complete, i.e., signatures, dates/times, requested	analyses?	Yes				
. Were all samples received within holding time?  Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disuession.	field,	Yes			Commer	its/Resolution
Sample Turn Around Time (TAT)				1		
. Did the COC indicate standard TAT, or Expedited TAT?		Yes				
ample Cooler_				ł		
. Was a sample cooler received?		Yes				
If yes, was cooler received in good condition?		Yes				
. Was the sample(s) received intact, i.e., not broken?		Yes				
Were custody/security seals present?		No				
1. If yes, were custody/security seals intact?		NA				
2. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e.  Note: Thermal preservation is not required, if samples are received.	, 6°±2°C ccived w/i 15	Yes		}		
minutes of sampling  13. If no visible ice, record the temperature. Actual sample tem		<u>°C</u>				
Sample Container						
4. Are aqueous VOC samples present?		No		1		
5. Are VOC samples collected in VOA Vials?		NA				
6. Is the head space less than 6-8 mm (pea sized or less)?		NA				
7. Was a trip blank (TB) included for VOC analyses?		NA				
8. Are non-VOC samples collected in the correct containers?		Yes				
9. Is the appropriate volume/weight or number of sample containers	collected?	Yes				
Field Label						
20. Were field sample labels filled out with the minimum inform Sample ID?	ation:	Yes				
Date/Time Collected?		Yes				<del></del>
Collectors name?		Yes				
ample Preservation						
1. Does the COC or field labels indicate the samples were present	rved?	No				
2. Are sample(s) correctly preserved?		NA				
24. Is lab filteration required and/or requested for dissolved meta	ls?	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	<del>i</del> ?	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		NA	Subcontract La	b: NA		
Client Instruction			Successifiant La			
CHERT AUSTRUCTION						

Report to:
Gilbert Moreno







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: E404037

Job Number: 01058-0007

Received: 4/5/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 4/10/24

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

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

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

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

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

Date Reported: 4/10/24

Gilbert Moreno 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: FLAGLER 8 CTB 1

Workorder: E404037

Date Received: 4/5/2024 6:30:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/5/2024 6:30:00AM, under the Project Name: FLAGLER 8 CTB 1.

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

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

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881

Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

**Alexa Michaels** 

Sample Custody Officer Office: 505-632-1881

labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe

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

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Golzales

Client Representative
Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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#### **Sample Summary**

_		_	-	
I	Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
l	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
1	Artesia NM, 88210	Project Manager:	Gilbert Moreno	04/10/24 11:46

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH01 4'	E404037-01A	Soil	04/03/24	04/05/24	Glass Jar, 2 oz.



# **Sample Data**

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/10/2024 11:46:51AM

#### BH01 4' E404037-01

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

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name:	FI	LAGLER 8 C	TR 1				
6400 7 Divious Hyrri				AGLLROC	IDI				Reported:
0488 / Kivers nwy		Project Number:	01	058-0007					
Artesia NM, 88210		Project Manager:	Gi	ilbert Moreno				4/10	/2024 11:46:51AM
		Volatile O	rganics b	y EPA 802	21B				analyst: RAS
Analyte	D14	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	Result								37
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2414064-BLK1)							Prepared: 0	4/04/24 Analy	zed: 04/04/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.55		8.00		94.4	70-130			
LCS (2414064-BS1)							Prepared: 0	4/04/24 Analy	zed: 04/04/24
Benzene	5.17	0.0250	5.00		103	70-130			
Ethylbenzene	5.13	0.0250	5.00		103	70-130			
Toluene	5.13	0.0250	5.00		103	70-130			
o-Xylene	5.07	0.0250	5.00		101	70-130			
p,m-Xylene	10.3	0.0500	10.0		103	70-130			
Total Xylenes	15.4	0.0250	15.0		103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.53		8.00		94.1	70-130			
Matrix Spike (2414064-MS1)				Source:	E404028-	01	Prepared: 0	4/04/24 Analy	zed: 04/04/24
Benzene	5.61	0.0250	5.00	ND	112	54-133			
Ethylbenzene	5.55	0.0250	5.00	ND	111	61-133			
Toluene	5.57	0.0250	5.00	ND	111	61-130			
o-Xylene	5.50	0.0250	5.00	ND	110	63-131			
o,m-Xylene	11.1	0.0500	10.0	ND	111	63-131			
Total Xylenes	16.6	0.0250	15.0	ND	111	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.56		8.00		94.5	70-130			
Matrix Spike Dup (2414064-MSD1)				Source:	E404028-	01	Prepared: 0	4/04/24 Analy	zed: 04/05/24
Benzene	5.50	0.0250	5.00	ND	110	54-133	2.05	20	
Ethylbenzene	5.46	0.0250	5.00	ND	109	61-133	1.57	20	
Toluene	5.47	0.0250	5.00	ND	109	61-130	1.74	20	
		0.0250	5.00	ND	108	63-131	1.44	20	
o-Xylene	5.42	0.0250	5.00	TID	100	05 151		20	
o-Xylene p,m-Xylene	5.42 11.0	0.0250	10.0	ND	110	63-131	1.54	20	

8.00

7.58

94.7

70-130



Surrogate: 4-Bromochlorobenzene-PID

Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Number:	FLAGLER 8 CTB 1 01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/10/2024 11:46:51AM

Artesia NM, 88210		Project Manage		lbert Moreno				4/10	0/2024 11:46:51AN
	Non	halogenated	Organics l	oy EPA 801	15D - Gl	RO		A	Analyst: RAS
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2414064-BLK1)							Prepared: 0-	4/04/24 Anal	yzed: 04/04/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.68		8.00		96.0	70-130			
LCS (2414064-BS2)							Prepared: 0-	4/04/24 Anal	yzed: 04/04/24
Gasoline Range Organics (C6-C10)	51.7	20.0	50.0		103	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.76		8.00		96.9	70-130			
Matrix Spike (2414064-MS2)				Source:	E404028-	01	Prepared: 0	4/04/24 Anal	yzed: 04/05/24
Gasoline Range Organics (C6-C10)	54.6	20.0	50.0	ND	109	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.76		8.00		97.0	70-130			
Matrix Spike Dup (2414064-MSD2)				Source:	E404028-	01	Prepared: 0	4/04/24 Anal	yzed: 04/05/24
Gasoline Range Organics (C6-C10)	50.5	20.0	50.0	ND	101	70-130	7.82	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.73		8.00		96.6	70-130			

Devon Energy - CarlsbadProject Name:FLAGLER 8 CTB 1Reported:6488 7 Rivers HwyProject Number:01058-0007Artesia NM, 88210Project Manager:Gilbert Moreno4/10/2024 11:46:51AM

Artesia NM, 88210		Project Manage	r: Gi	lbert Moreno				4/1	0/2024 11:46:51A	
Nonhalogenated Organics by EPA 8015D - DRO/ORO Analyst: NV										
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2414070-BLK1)							Prepared: 0	4/05/24 Anal	yzed: 04/08/24	
Diesel Range Organics (C10-C28)	ND	25.0								
Dil Range Organics (C28-C36)	ND	50.0								
Surrogate: n-Nonane	40.4		50.0		80.7	50-200				
LCS (2414070-BS1)							Prepared: 0	4/05/24 Anal	yzed: 04/09/24	
Diesel Range Organics (C10-C28)	245	25.0	250		98.0	38-132				
Surrogate: n-Nonane	43.7		50.0		87.4	50-200				
Matrix Spike (2414070-MS1)				Source:	E404034-	01	Prepared: 0	4/05/24 Anal	yzed: 04/09/24	
Diesel Range Organics (C10-C28)	5960	25.0	250	5290	267	38-132			M4	
Surrogate: n-Nonane	62.5		50.0		125	50-200				
Matrix Spike Dup (2414070-MSD1)				Source:	E404034-	01	Prepared: 0	4/05/24 Anal	yzed: 04/09/24	
Diesel Range Organics (C10-C28)	5550	25.0	250	5290	106	38-132	7.00	20		
Surrogate: n-Nonane	60.6		50.0		121	50-200				

Chloride

Chloride

Matrix Spike Dup (2414073-MSD1)

#### **QC Summary Data**

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number Project Manager	: 0	LAGLER 8 C 1058-0007 filbert Moreno				4.	<b>Reported:</b> /10/2024 11:46:51AM
		Anions	by EPA	300.0/9056 <i>A</i>	<u> </u>				Analyst: IY
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2414073-BLK1)							Prepared: 0	4/05/24 An	alyzed: 04/05/24
Chloride	ND	20.0							
LCS (2414073-BS1)							Prepared: 0	4/05/24 An	alyzed: 04/05/24
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2414073-MS1)				Source:	E404035-	03	Prepared: 0	4/05/24 An	alyzed: 04/05/24

250

250

20.0

20.0

ND

ND

101

100

Source: E404035-03

80-120

80-120

0.410

Prepared: 04/05/24 Analyzed: 04/05/24

20

252

251

#### QC Summary Report Comment:

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



#### **Definitions and Notes**

ſ	Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	
l	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
l	Artesia NM, 88210	Project Manager:	Gilbert Moreno	04/10/24 11:46

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

associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



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25
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0
9
-

Client: D	evon Ene	rgy Prod	uction Co	LP		Bill To	ta sin Awnight	Lab U				Jse Only				TAT			EPA P	rogram		
ALL SHALL SH	FLAGLER				Att	ention: Jim Raley		Lab	WO	#	-	Job	Num	ber		1D 2D		3D	Stand	ard	CWA	SDWA
	Manager:			271	Add	dress: 5315 Buena Vista D	r.	TE'	40	103	51	010	56	-000					5 day	TAT		
	: 13000 W			HITTELL		y, State, Zip: Carlsbad, NN	И, 88220					Analy	sis a	nd Me	thoc	t		SII T				RCRA
	te, Zip_Oo		79765		Pho	one: 575-885-7502		100	1,0													
	32-305-6				Em	ail: jim.raley@dvn.com			801												State	
mail: D	evon-tear	n@etech	nenv.com		WC	0: 21179750			by C				A						NN	1 CO	UT AZ	TX
3					Inc	ident ID: nAPP210614776	50		ORC													
		.,							JRO,	121	9	0	0.00			ΣZ		¥				
	d by: Edyt	e Konan					range and the same	- £	RO/I	y 80	y 82	601	Je 30						×			
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID	Lab Numbe	Depth(ft.)	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			верос		GDOC			Remarks	
11:10	04.03.24	S	1			BH01		4'								х						
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/			-																			
Addition	al Instruc	tions:																				
						e that tampering with or intentiona	lly mislabelling the sar	nple loc	ation,												they are sam	pled or
	ed by: (Signa		d fraud and r	may be grounds fo			1 Inste		Time			100000			the state of							
	-164			104/24 18	230	Received by: (Signature)	4-4-	14	10	30		Rece	eive	d on ic	e:		N C	se On I	ily			
Mis		ent		424 Tim	547	Received by: (Signature)	Se U-U	-24	Time	73	00	T1				T2			<u>T3</u>			
Relinquish	ed by: (Signa	ature)	QQ CI	-4-24 Tim	1330	Received by: (Signature)	U /S	124	Time			AVG	Ter	np °C_	4	4						
Sample Mat	rix: S - Soil, Se	- Solid, Sg -	Sludge, A - A	Aqueous, O - Othe	r		Contain	er Typ	e:g-	glass.	p - 1	poly/p	olasti	c, ag -	amb	oer gl	lass, v	v - VO	A	1023		
						her arrangements are made. H														r the ar	nalysis of th	e above
						with this COC. The liability of the											*#/.					



e. The report for the analysis of the above

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

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

	Date Received:	04/05/24	06:30		Work Order ID:	E404037	
Phone: (575) 748-0176	Date Logged In:	04/04/24	16:23		Logged In By:	Angelina Pineda	
Email: Devon-team@etechenv.com	Due Date:	04/11/24	17:00 (4 day TAT)				
Chain of Custody (COC)							
. Does the sample ID match the COC?		Yes					
. Does the number of samples per sampling site location match	the COC	Yes					
Were samples dropped off by client or carrier?		Yes	Carrier: Co	<u>ourier</u>			
4. Was the COC complete, i.e., signatures, dates/times, requeste	d analyses?	Yes	_				
<ol> <li>Were all samples received within holding time?         Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disuession.     </li> </ol>		Yes	_		Comme	nts/Resolution	
Sample Turn Around Time (TAT)  5. Did the COC indicate standard TAT, or Expedited TAT?		Yes					
Sample Cooler							
7. Was a sample cooler received?		Yes					
B. If yes, was cooler received in good condition?		Yes					
D. 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?	(0.300	NA					
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e. Note: Thermal preservation is not required, if samples are minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature.	eccived w/i 15	Yes C					
Sample Container		_ <del>-</del>					
14. Are aqueous VOC samples present?		No					
15. Are VOC samples collected in VOA Vials?		NA					
6. 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 contained	rs collected?	Yes					
Field Label		-					
20. Were field sample labels filled out with the minimum inforr Sample ID?	nation:	Yes					
Date/Time Collected?		Yes	L			<del></del> .	
Collectors name?		Yes					
Sample Preservation							
21. Does the COC or field labels indicate the samples were pres	served?	No					
2. Are sample(s) correctly preserved?		NA					
24. Is lab filteration required and/or requested for dissolved me	tals?	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 analyze	ed?	NA					
Subcontract Laboratory							
28. Are samples required to get sent to a subcontract laboratory	2	No					
so. Are samples required to get sent to a subcontract indoratory		NA	Subcontract Lab:	NΔ			
29. Was a subcontract laboratory specified by the client and if s	•		Subcommuci Luo.	1471			
<ol> <li>Was a subcontract laboratory specified by the client and if s</li> <li>Client Instruction</li> </ol>							

Report to:
Gilbert Moreno







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: E404074

Job Number: 01058-0007

Received: 4/10/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 4/16/24

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

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

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

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

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

Date Reported: 4/16/24

Gilbert Moreno 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: FLAGLER 8 CTB 1

Workorder: E404074

Date Received: 4/10/2024 10:12:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/10/2024 10:12:00AM, under the Project Name: FLAGLER 8 CTB 1.

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

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

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Alexa Michaels

Sample Custody Officer Office: 505-632-1881

labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe

Laboratory Technical Representative

Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Golzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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## **Sample Summary**

г	D D 01111		EL LOVED O CED 1	
ı	Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
ı	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported.
l	Artesia NM, 88210	Project Manager:	Gilbert Moreno	04/16/24 12:00

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



# Sample Data

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

### BH01 6' E404074-01

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



# **Sample Data**

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

#### BH01 10' E404074-02

		E-10-10/-1-02				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: BA	<u> </u>	Batch: 2415035
Benzene	ND	0.0250	1	04/10/24	04/11/24	
Ethylbenzene	ND	0.0250	1	04/10/24	04/11/24	
Toluene	ND	0.0250	1	04/10/24	04/11/24	
o-Xylene	ND	0.0250	1	04/10/24	04/11/24	
o,m-Xylene	ND	0.0500	1	04/10/24	04/11/24	
Total Xylenes	ND	0.0250	1	04/10/24	04/11/24	
Surrogate: 4-Bromochlorobenzene-PID		94.5 %	70-130	04/10/24	04/11/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: BA		Batch: 2415035
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/10/24	04/11/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.1 %	70-130	04/10/24	04/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: KM		Batch: 2416012
Diesel Range Organics (C10-C28)	ND	25.0	1	04/15/24	04/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/15/24	04/16/24	
Surrogate: n-Nonane		118 %	50-200	04/15/24	04/16/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: IY		Batch: 2415043
Chloride	36.7	20.0	1	04/10/24	04/11/24	



Devon Energy - Carlsbad FLAGLER 8 CTB 1 Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Gilbert Moreno 4/16/2024 12:00:59PM **Volatile Organics by EPA 8021B** Analyst: BA Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2415035-BLK1) Prepared: 04/10/24 Analyzed: 04/11/24 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.66 8.00 95.8 70-130 LCS (2415035-BS1) Prepared: 04/10/24 Analyzed: 04/11/24 4.83 96.5 70-130 5.00 Benzene 0.0250 Ethylbenzene 4.87 0.0250 5.00 97.4 70-130 4.95 0.0250 5.00 99.1 70-130 Toluene o-Xylene 4.97 0.0250 5.00 99.4 70-130 9.96 10.0 70-130 0.0500 p.m-Xvlene 99.5 70-130 14.9 15.0 Total Xylenes 0.0250 8.00 96.9 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.76 Source: E404072-01 Matrix Spike (2415035-MS1) Prepared: 04/10/24 Analyzed: 04/11/24 4.80 0.0250 5.00 ND 95.9 54-133 Benzene ND 61-133 Ethylbenzene 4.80 0.0250 5.00 96.0 Toluene 4.90 0.0250 5.00 ND 98.0 61-130 4.91 ND 98.3 63-131 5.00 0.0250 o-Xylene p,m-Xylene 9.79 0.0500 10.0 ND 97.9 63-131 0.0250 15.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.67 8.00 Matrix Spike Dup (2415035-MSD1) Source: E404072-01 Prepared: 04/10/24 Analyzed: 04/11/24

5.11

5.13

5.23

5.25

10.5

15.7

7.77

0.0250

0.0250

0.0250

0.0250

0.0500

0.0250

5.00

5.00

5.00

5.00

10.0

15.0

8.00

ND

ND

ND

ND

ND

ND

102

103

105

105

105

105

97.1

54-133

61-133

61-130

63-131

63-131

63-131

70-130

6.34

6.57

6.62

6.63

6.70

6.68

20

20

20

20

20



Ethylbenzene

Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Surrogate: 1-Chloro-4-fluorobenzene-FID

## **QC Summary Data**

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

Artesia NM, 88210		Project Manage		ilbert Moreno				4	/16/2024 12:00:59PN
	Non	halogenated	Organics	by EPA 80	15D - G	RO			Analyst: BA
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2415035-BLK1)							Prepared: 0	4/10/24 An	alyzed: 04/11/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.30		8.00		91.2	70-130			
LCS (2415035-BS2)							Prepared: 0	4/10/24 An	alyzed: 04/11/24
Gasoline Range Organics (C6-C10)	39.6	20.0	50.0		79.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.36		8.00		92.0	70-130			
Matrix Spike (2415035-MS2)				Source:	E404072-	01	Prepared: 0	4/10/24 An	alyzed: 04/11/24
Gasoline Range Organics (C6-C10)	43.3	20.0	50.0	ND	86.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.9	70-130			
Matrix Spike Dup (2415035-MSD2)				Source:	E404072-	01	Prepared: 0	4/10/24 An	alyzed: 04/11/24
Gasoline Range Organics (C6-C10)	45.4	20.0	50.0	ND	90.9	70-130	4.73	20	

8.00

91.8

70-130

7.35

Devon Energy - CarlsbadProject Name:FLAGLER 8 CTB 1Reported:6488 7 Rivers HwyProject Number:01058-0007Artesia NM, 88210Project Manager:Gilbert Moreno4/16/2024 12:00:59PM

Artesia ivivi, 60210		1 Toject Wianage	1. 01	ibert Moreno					10/2021 12:00:5911
	Nonha	logenated Or	ganics by	EPA 8015I	) - DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2416012-BLK1)							Prepared: 0	4/15/24 An	alyzed: 04/15/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	59.2		50.0		118	50-200			
LCS (2416012-BS1)							Prepared: 0	4/15/24 An	alyzed: 04/16/24
Diesel Range Organics (C10-C28)	307	25.0	250		123	38-132			
Surrogate: n-Nonane	57.2		50.0		114	50-200			
Matrix Spike (2416012-MS1)				Source:	E404074-	02	Prepared: 0	4/15/24 An	alyzed: 04/16/24
Diesel Range Organics (C10-C28)	308	25.0	250	ND	123	38-132			
Surrogate: n-Nonane	59.0		50.0		118	50-200			
Matrix Spike Dup (2416012-MSD1)				Source:	E404074-	02	Prepared: 0	4/15/24 An	alyzed: 04/16/24
Diesel Range Organics (C10-C28)	311	25.0	250	ND	124	38-132	1.20	20	
Surrogate: n-Nonane	58.7		50.0		117	50-200			

Chloride

Chloride

Matrix Spike Dup (2415043-MSD1)

## **QC Summary Data**

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number		LAGLER 8 C 1058-0007	ТВ 1				Reported:
Artesia NM, 88210		Project Manager		ilbert Moreno				4	1/16/2024 12:00:59PM
		Anions	by EPA	300.0/9056	<b>A</b>				Analyst: IY
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2415043-BLK1)							Prepared: 0	4/10/24 An	nalyzed: 04/10/24
Chloride	ND	20.0							
LCS (2415043-BS1)							Prepared: 0	4/10/24 An	nalyzed: 04/10/24
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2415043-MS1)				Source:	E404080-	02	Prepared: 0	4/10/24 An	nalyzed: 04/10/24

250

250

20.0

20.0

72.9

72.9

101

92.8

Source: E404080-02

80-120

80-120

6.59

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

20

326

305

#### QC Summary Report Comment:

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



## **Definitions and Notes**

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

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Client: Devon Energy Production Co LP

Bill To

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.

Lab Use Only

TAT

**EPA Program** 

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	FLAGLER : Manager:		loreno			ttention: Jim	Raley Buena Vista Dr			FUOTOTU				Job Number		71	D 21	D 30	_	Standard 5 day TAT	CWA	SDWA	
	13000 W						: Carlsbad, NM		-	-				Analy	sis ar	d Meth	nod				Land Co. P		RCRA
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Sampled	Sampled	Matrix	Containers			Sample ID		- CO. CO. CO.	mber	Depth(ft.)	TPH GRO/DRO/ORO by 8015	BTEX by 802.	Voc by 8260	Metals 6010	Chloride 300.0			BGDOC	GDOC			Remarks	
10:00	04.08.24	S	1			BH01			1	6'								х					
10:10	04.08.24	S	0:00			BH01			2	10'								x					
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I (field same	oler) attest to	the validity	and authort	icity of this s	ample Lamaur	re that tamperin	g with or intentionally	v mislahelling t	he sample	a local	ion	-		Sample	s requi	ring therm	al pres	ervatio	n must b	e rece	eived on ice the da	y they are sam	pled or
				9//	ds for legal action		Sampled by: EK	y misiabening c	ire sample	e local	,			ASSET BEATRONS	Comments.	W/O					ss than 6 °C on sub		2.000000000000000000000000000000000000
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	KYA		04/	09/24	09:00	Wich	elle Gons	ales 4	-9-21		0	900	)	Rece	ived	on ice	: (	3		Jilly			
Mid	ed by: (Signa	i anea	les 4-	9.24	Time 22	C. )	(Signature)	Date 4	.9.1	4	Time	71	5	T1			I	2			<u>T3</u>		
Relinquich	ed by: (Signa	iture) 0	Date U.	9.24	733	Received by	v: (Signature)	A Late	100	4	Time	12		AVG	Tem	np °C	L	ł					
Sample Mat	rix: S - Soil, So	I - Solid. Sp -	Sludge, A - A	gueous. O - 0	Other		Longe	Con	tainer	Гуре	g - g	lass.					mbe	glas	s, v - V	/OA			
						ther arrangem	ents are made. Ha															nalysis of th	ne above



e. The report for the analysis of the above

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

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	04/10/24	10:12		Work Order ID:	E404074
Phone:	(575) 748-0176	Date Logged In:	04/10/24	10:12		Logged In By:	Alexa Michaels
Email:	Devon-team@etechenv.com	Due Date:		17:00 (4 day TAT)		88	
Chain of	Custody (COC)						
1. Does th	ne sample ID match the COC?		Yes				
2. Does th	ne number of samples per sampling site location mate	ch the COC	Yes				
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: C	Courier		
4. Was the	e COC complete, i.e., signatures, dates/times, request	ted analyses?	Yes	· <del>-</del>			
5. Were a	Il samples received within holding time?		Yes				
	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssio					Comments	s/Resolution
Sample T	<u> [urn Around Time (TAT)</u>						
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C	<u>Cooler</u>						
7. Was a s	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was the	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes	, were custody/security seals intact?		NA				
12. Was th	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling		Yes				
13. If no	visible ice, record the temperature. Actual sample	temperature: 4°0	<u>C</u>				
Sample C	<u>Container</u>						
14. Are a	queous VOC samples present?		No				
15. Are V	OC samples collected in VOA Vials?		NA				
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA				
17. Was a	trip blank (TB) included for VOC analyses?		NA				
18. Are n	on-VOC samples collected in the correct containers?		Yes				
19. Is the	appropriate volume/weight or number of sample contain	ers collected?	Yes				
Field Lal	<u>bel</u>						
20. Were	field sample labels filled out with the minimum infor	rmation:					
	ample ID?		Yes				
	ate/Time Collected?		Yes				
	ollectors name?		Yes				
	Preservation	10	N				
	the COC or field labels indicate the samples were pro	eserved?	No				
	ample(s) correctly preserved?	-4-1-9	NA				
	filteration required and/or requested for dissolved m	etais?	No				
	se Sample Matrix						
	the sample have more than one phase, i.e., multiphas		No				
27. If yes	, does the COC specify which phase(s) is to be analy	zed?	NA				
Subcontr	act Laboratory						
28. Are sa	amples required to get sent to a subcontract laborator	y?	No				
29. Was a	subcontract laboratory specified by the client and if	so who?	NA	Subcontract Lab	o: NA		
Client Ir	nstruction						
<u>enene n</u>	1931 uction						

Page 13 of 13

Date

Report to:
Gilbert Moreno







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: E404038

Job Number: 01058-0007

Received: 4/5/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 4/10/24

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

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

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

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

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

Date Reported: 4/10/24

Gilbert Moreno 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: FLAGLER 8 CTB 1

Workorder: E404038

Date Received: 4/5/2024 6:30:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/5/2024 6:30:00AM, under the Project Name: FLAGLER 8 CTB 1.

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

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

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881

Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

**Alexa Michaels** 

Sample Custody Officer Office: 505-632-1881

labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe

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

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Golzales

Client Representative
Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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## **Sample Summary**

Γ	Devon Energy - Carlsbad	Project Name:	Donoutodi	
ı	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
	Artesia NM, 88210	Project Manager:	Gilbert Moreno	04/10/24 11:46

Client Sample ID	Lab Sample ID Matrix	Sampled	Received	Container
BH02 0.5'	E404038-01A Soil	04/03/24	04/05/24	Glass Jar, 2 oz.
BH02 4'	E404038-02A Soil	04/03/24	04/05/24	Glass Jar, 2 oz.



# Sample Data

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

#### BH02 0.5' E404038-01

	E404038-01				
	Reporting				
Result	Limit	Dilutio	n Prepared	Analyzed	Notes
mg/kg	mg/kg	An	alyst: BA		Batch: 2414072
0.319	0.0250	1	04/05/24	04/06/24	
5.73	0.0250	1	04/05/24	04/06/24	
6.88	0.0250	1	04/05/24	04/06/24	
12.2	0.0250	1	04/05/24	04/06/24	
23.0	0.0500	1	04/05/24	04/06/24	
35.2	0.0250	1	04/05/24	04/06/24	
	123 %	70-130	04/05/24	04/06/24	
mg/kg	mg/kg	An	alyst: BA		Batch: 2414072
428	20.0	1	04/05/24	04/06/24	
	128 %	70-130	04/05/24	04/06/24	
mg/kg	mg/kg	An	alyst: NV		Batch: 2414070
12300	125	5	04/05/24	04/09/24	
4660	250	5	04/05/24	04/09/24	
	241 %	50-200	04/05/24	04/09/24	<i>S6</i>
mg/kg	mg/kg	An	alyst: IY		Batch: 2414073
42.8	20.0	1	04/05/24	04/05/24	
	0.319 5.73 6.88 12.2 23.0 35.2  mg/kg 428  mg/kg 12300 4660	Result         Reporting           mg/kg         mg/kg           0.319         0.0250           5.73         0.0250           6.88         0.0250           12.2         0.0250           23.0         0.0500           35.2         0.0250           123 %         mg/kg           mg/kg         mg/kg           428         20.0           128 %         mg/kg           mg/kg         mg/kg           12300         125           4660         250           241 %         mg/kg           mg/kg         mg/kg	Reporting           Result         Limit         Dilution           mg/kg         mg/kg         An           0.319         0.0250         1           5.73         0.0250         1           6.88         0.0250         1           12.2         0.0250         1           23.0         0.0500         1           35.2         0.0250         1           123 %         70-130           mg/kg         mg/kg         An           428         20.0         1           128 %         70-130           mg/kg         mg/kg         An           12300         125         5           4660         250         5           241 %         50-200           mg/kg         Mg/kg         An	Reporting           Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: BA           0.319         0.0250         1         04/05/24           5.73         0.0250         1         04/05/24           6.88         0.0250         1         04/05/24           12.2         0.0250         1         04/05/24           23.0         0.0500         1         04/05/24           35.2         0.0250         1         04/05/24           mg/kg         mg/kg         Analyst: BA           428         20.0         1         04/05/24           mg/kg         mg/kg         Analyst: NV           12300         125         5         04/05/24           4660         250         5         04/05/24           mg/kg         mg/kg         Analyst: NV	Reporting           Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: BA           0.319         0.0250         1         04/05/24         04/06/24           5.73         0.0250         1         04/05/24         04/06/24           6.88         0.0250         1         04/05/24         04/06/24           12.2         0.0250         1         04/05/24         04/06/24           23.0         0.0500         1         04/05/24         04/06/24           35.2         0.0250         1         04/05/24         04/06/24           mg/kg         mg/kg         Analyst: BA           428         20.0         1         04/05/24         04/06/24           mg/kg         mg/kg         Analyst: BA           428         20.0         1         04/05/24         04/06/24           mg/kg         mg/kg         Analyst: NV           12300         125         5         04/05/24         04/09/24           4660         250         5         04/05/24         04/09/24           mg/kg         mg/kg         Analyst: IY         04/09/24 </td



# **Sample Data**

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

#### BH02 4'

		E404038-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2414072
Benzene	ND	0.0250	1	04/05/24	04/08/24	
Ethylbenzene	0.883	0.0250	1	04/05/24	04/08/24	
Toluene	0.432	0.0250	1	04/05/24	04/08/24	
o-Xylene	2.23	0.0250	1	04/05/24	04/08/24	
o,m-Xylene	4.79	0.0500	1	04/05/24	04/08/24	
Total Xylenes	7.02	0.0250	1	04/05/24	04/08/24	
Surrogate: 4-Bromochlorobenzene-PID		115 %	70-130	04/05/24	04/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2414072
Gasoline Range Organics (C6-C10)	146	20.0	1	04/05/24	04/08/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		109 %	70-130	04/05/24	04/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2414070
Diesel Range Organics (C10-C28)	3640	25.0	1	04/05/24	04/09/24	
Oil Range Organics (C28-C36)	989	50.0	1	04/05/24	04/09/24	
Surrogate: n-Nonane		115 %	50-200	04/05/24	04/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2414073
Chloride	ND	20.0	1	04/05/24	04/05/24	



		QC SI	umm	ary Dat	a						
Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Number:		FLAGLER 8 CTB 1 01058-0007					Reported:			
Artesia NM, 88210		Project Manager:	G	ilbert Moreno	)			4/10/2024 11:46:03Al			
	Volatile Organics by EPA 8021B										
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2414072-BLK1)							Prepared: 0	4/05/24 A	Analyzed: 04/05/24		
Benzene	ND	0.0250									
Ethylbenzene	ND	0.0250									
Toluene	ND	0.0250									
o-Xylene	ND	0.0250									
p,m-Xylene	ND	0.0500									
Total Xylenes	ND	0.0250									
Surrogate: 4-Bromochlorobenzene-PID	7.71		8.00		96.4	70-130					
LCS (2414072-BS1)							Prepared: 0	4/05/24 A	Analyzed: 04/05/24		
Benzene	5.31	0.0250	5.00		106	70-130					
Ethylbenzene	5.16	0.0250	5.00		103	70-130					
Toluene	5.30	0.0250	5.00		106	70-130					
o-Xylene	5.24	0.0250	5.00		105	70-130					
p,m-Xylene	10.5	0.0500	10.0		105	70-130					
Total Xylenes	15.8	0.0250	15.0		105	70-130					
Surrogate: 4-Bromochlorobenzene-PID	7.82		8.00		97.8	70-130					
Matrix Spike (2414072-MS1)				Source:	E404034-	05	Prepared: 0	4/05/24 A	Analyzed: 04/05/24		
Benzene	6.57	0.0250	5.00	1.68	97.8	54-133					
Ethylbenzene	8.02	0.0250	5.00	3.64	87.7	61-133					
Toluene	17.7	0.0250	5.00	14.5	63.9	61-130					
o-Xylene	11.5	0.0250	5.00	7.63	78.0	63-131					
p,m-Xylene	27.8	0.0500	10.0	21.1	66.1	63-131					
Total Xylenes	39.3	0.0250	15.0	28.8	70.1	63-131					
Surrogate: 4-Bromochlorobenzene-PID	8.56		8.00		107	70-130					
Matrix Spike Dup (2414072-MSD1)				Source:	E404034-	05	Prepared: 0	4/05/24 A	Analyzed: 04/05/24		
Benzene	5.92	0.0250	5.00	1.68	84.8	54-133	10.4	20			
Ethylbenzene	7.46	0.0250	5.00	3.64	76.3	61-133	7.32	20			
Toluene	17.9	0.0250	5.00	14.5	67.7	61-130	1.09	20			
o-Xylene	11.3	0.0250	5.00	7.63	74.1	63-131	1.72	20			
p,m-Xylene	28.0	0.0500	10.0	21.1	68.6	63-131	0.906	20			



0.143

63-131

70-130

20

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

39.3

8.58

0.0250

15.0

8.00

28.8

70.4

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

Artesia NM, 88210		Project Manager		lbert Moreno				4/10	0/2024 11:46:03A	
	Non	halogenated	Organics l	by EPA 80	15D - Gl	RO			Analyst: BA	
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec	Rec Limits	RPD %	RPD Limit %	Notes	
Blank (2414072-BLK1)							Prepared: 0-	4/05/24 Anal	yzed: 04/05/24	
Gasoline Range Organics (C6-C10)	ND	20.0								
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.20		8.00		90.1	70-130				
LCS (2414072-BS2)							Prepared: 0	4/05/24 Anal	yzed: 04/05/24	
Gasoline Range Organics (C6-C10)	45.5	20.0	50.0		91.1	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.38		8.00		92.2	70-130				
Matrix Spike (2414072-MS2)				Source:	E404034-	05	Prepared: 04	4/05/24 Anal	yzed: 04/05/24	
Gasoline Range Organics (C6-C10)	235	20.0	50.0	224	21.5	70-130			M4	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.59		8.00		94.8	70-130				
Matrix Spike Dup (2414072-MSD2)				Source:	Source: E404034-05 Pr			Prepared: 04/05/24 Analyzed: 04/05/24		
Gasoline Range Organics (C6-C10)	247	20.0	50.0	224	44.9	70-130	4.87	20	M4	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.72		8.00		96.5	70-130				



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

Artesia NM, 88210		Project Manage	r: Gi	lbert Moreno	1			4/1	0/2024 11:46:03AN				
	Nonhalogenated Organics by EPA 8015D - DRO/ORO  Analyst: NV												
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit					
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes				
Blank (2414070-BLK1)							Prepared: 0	4/05/24 Ana	yzed: 04/08/24				
Diesel Range Organics (C10-C28)	ND	25.0											
Dil Range Organics (C28-C36)	ND	50.0											
urrogate: n-Nonane	40.4		50.0		80.7	50-200							
LCS (2414070-BS1)							Prepared: 0	4/05/24 Ana	yzed: 04/09/24				
Diesel Range Organics (C10-C28)	245	25.0	250		98.0	38-132							
urrogate: n-Nonane	43.7		50.0		87.4	50-200							
Matrix Spike (2414070-MS1)				Source:	E404034-	01	Prepared: 0	4/05/24 Ana	yzed: 04/09/24				
Diesel Range Organics (C10-C28)	5960	25.0	250	5290	267	38-132			M4				
urrogate: n-Nonane	62.5		50.0		125	50-200							
Matrix Spike Dup (2414070-MSD1)				Source:	E404034-	01	Prepared: 0	4/05/24 Ana	yzed: 04/09/24				
Diesel Range Organics (C10-C28)	5550	25.0	250	5290	106	38-132	7.00	20					
urrogate: n-Nonane	60.6		50.0		121	50-200							



Chloride

## **QC Summary Data**

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:	0	LAGLER 8 C' 1058-0007 ilbert Moreno				<b>Reported:</b> 4/10/2024 11:46:03AM			
		Anions	by EPA	300.0/9056	<b>A</b>				Analyst: IY		
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes		
Blank (2414073-BLK1)							Prepared: 0	4/05/24 Ar	nalyzed: 04/05/24		
Chloride	ND	20.0									
LCS (2414073-BS1)							Prepared: 0	4/05/24 Ar	nalyzed: 04/05/24		
Chloride	251	20.0	250		100	90-110					
Matrix Spike (2414073-MS1)				Source:	E404035-0	03	Prepared: 0	4/05/24 Ar	nalyzed: 04/05/24		
Chloride	252	20.0	250	ND	101	80-120					
Matrix Spike Dup (2414073-MSD1)				Source:	E404035-0	03	Prepared: 0	4/05/24 Ar	nalyzed: 04/05/24		

250

20.0

80-120

#### QC Summary Report Comment:

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



### **Definitions and Notes**

ſ	Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	
l	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
l	Artesia NM, 88210	Project Manager:	Gilbert Moreno	04/10/24 11:46

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

S6 Surrogate was diluted out due to high concentrations of target and/or non-target analytes and does not provide useful information. The

associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



_	Received
	by
	OCD:
	0/17
	7/2025
	3.46
	IS PM

			uction Co I	LP		Bill To			Li		se On					TA				rogram
1700-180 KH (200-040)	FLAGLER	A CONTRACTOR OF THE STATE OF TH			Attention: Jim Raley		Lab	WO	#	20	Job I	Num	ber		2D	3D			CWA	SDWA
	Nanager:			The Third	Address: 5315 Buena		E	40	40	20			100				5 day	TAT		
	13000 W				City, State, Zip: Carls	bad, NM, 88220		,			Analy	sis ar	nd Meth	od					T.E. L.E.	RCRA
	te, Zip_O		79765		Phone: 575-885-750	2		1,0									11/			
	32-305-6				Email: jim.raley@dv	n.com		801											State	
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Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID	Lab Numb	5	TPH GRO/DRO/ORO by 8015	ВТЕХ ЬУ 802.	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC		GDOC			Remarks	
11:20	04.03.24	S	1		BH02	1	0.5							х	T					
11:30	04.03.24	S	1		BH02	2	4'							х						
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				ay be grounds for			ample 100	ation,			ALCOHOL: NAME OF								sequent days.	
	ed by: (Signa		Date	Time				Time	,		E SERVICE DE	SAIGNE			lab II	se Or	oly			
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elinguish	by: (Sign	ature)	Bo U-	4-24 Z	330 Received by: Signa	ture) Date	5/24	Time	63	0	AVG	i Ten	np °C	¥						
ample Mat	rix: S - Soil, S	d - Solid, Sg -		queous, O - Other		Conta	ner Typ	e:g-	glass	, p - p			c, <b>ag</b> - ai		glass,	v - VC	)A			
ote: Sam	ples are disc	arded 30 d	lays after res	ults are reporte	d unless other arrangements are													r the ar	alysis of th	ne above
					boratory with this COC. The liab										HAR					



e. The report for the analysis of the above

envirotechism

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

#### **Envirotech Analytical Laboratory**

#### Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

	Date Received:	04/05/24	06:30		Work Order ID:	E404038
Phone: (575) 748-0176	Date Logged In:	04/04/24	16:30		Logged In By:	Angelina Pineda
Email: Devon-team@etechenv.com	Due Date:	04/11/24	17:00 (4 day TAT)			
Chain of Custody (COC)						
. Does the sample ID match the COC?		Yes				
. Does the number of samples per sampling site location mate	ch the COC	Yes				
. Were samples dropped off by client or carrier?		Yes	Carrier: C	Courier		
I. Was the COC complete, i.e., signatures, dates/times, reques	ted analyses?	Yes				
<ol> <li>Were all samples received within holding time?</li> <li>Note: Analysis, such as pH which should be conducted in i.e. 15 minute hold time, are not included in this disuession.</li> </ol>		Yes			Commen	ts/Resolution
Sample Turn Around Time (TAT)						
5. Did the COC indicate standard TAT, or Expedited TAT?		Yes				
Sample Cooler  7. Was a sample cooler received?		Yes				
3. 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, Note: Thermal preservation is not required, if samples are minutes of sampling 13. If no visible ice, record the temperature. Actual sample	received w/i 15	Yes				
Sample Container						
4. Are aqueous VOC samples present?		No				
5. Are VOC samples collected in VOA Vials?		NA				
6. Is the head space less than 6-8 mm (pea sized or less)?		NA				
7. Was a trip blank (TB) included for VOC analyses?		NA				
8. Are non-VOC samples collected in the correct containers?		Yes				
9. Is the appropriate volume/weight or number of sample contain		Yes				
Field Label						
20. Were field sample labels filled out with the minimum info	rmation:					
Sample ID?		Yes				
Date/Time Collected?		Yes				
Collectors name?		Yes				
Sample Preservation						
21. Does the COC or field labels indicate the samples were pro	eserved?	No				
22. Are sample(s) correctly preserved?		NA				
4. Is lab filteration required and/or requested for dissolved m	etals?	No				
Multiphase Sample Matrix						
26. Does the sample have more than one phase, i.e., multiphas	c?	No				
27. If yes, does the COC specify which phase(s) is to be analy	zed?	NA				
Subcontract Laboratory						
	y?	No				
28. Are samples required to get sent to a subcontract laborator		NA	Subcontract Lab	: NA		
28. Are samples required to get sent to a subcontract laborator 29. Was a subcontract laboratory specified by the client and if	so who?					

Report to:
Gilbert Moreno







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: E404073

Job Number: 01058-0007

Received: 4/10/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 4/15/24

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

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

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

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

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

Date Reported: 4/15/24

Gilbert Moreno 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: FLAGLER 8 CTB 1

Workorder: E404073

Date Received: 4/10/2024 10:09:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/10/2024 10:09:00AM, under the Project Name: FLAGLER 8 CTB 1.

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

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

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881

Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

**Alexa Michaels** 

Sample Custody Officer Office: 505-632-1881

labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe

Laboratory Technical Representative

Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Golzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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## **Sample Summary**

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Gilbert Moreno	04/15/24 11:02

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



# Sample Data

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

#### BH02 7' E404073-01

	E4040/3-01				
	1 0				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: BA		Batch: 2415035
ND	0.0250	1	04/10/24	04/11/24	
ND	0.0250	1	04/10/24	04/11/24	
ND	0.0250	1	04/10/24	04/11/24	
ND	0.0250	1	04/10/24	04/11/24	
ND	0.0500	1	04/10/24	04/11/24	
ND	0.0250	1	04/10/24	04/11/24	
	93.9 %	70-130	04/10/24	04/11/24	
mg/kg	mg/kg	Anal	yst: BA		Batch: 2415035
ND	20.0	1	04/10/24	04/11/24	
	91.7 %	70-130	04/10/24	04/11/24	
mg/kg	mg/kg	Anal	yst: KM		Batch: 2415054
ND	25.0	1	04/11/24	04/12/24	
ND	50.0	1	04/11/24	04/12/24	
	103 %	50-200	04/11/24	04/12/24	
mg/kg	mg/kg	Anal	yst: WF		Batch: 2415042
ND	20.0	1	04/10/24	04/12/24	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result         Reporting           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           mg/kg         mg/kg           mg/kg         mg/kg           ND         20.0           91.7 %         mg/kg           mg/kg         mg/kg           ND         25.0           ND         50.0           103 %         mg/kg           mg/kg         mg/kg	Reporting           Result         Limit         Dilution           mg/kg         mg/kg         Anal           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           mg/kg         mg/kg         Anal           ND         20.0         1           91.7 %         70-130           mg/kg         mg/kg         Anal           ND         25.0         1           ND         50.0         1           103 %         50-200           mg/kg         mg/kg         Anal	Reporting           Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: BA           ND         0.0250         1         04/10/24           ND         0.0250         1         04/10/24           ND         0.0250         1         04/10/24           ND         0.0500         1         04/10/24           ND         0.0250         1         04/10/24           MD         0.0250         1         04/10/24           mg/kg         mg/kg         Analyst: BA           ND         20.0         1         04/10/24           mg/kg         mg/kg         Analyst: KM           ND         25.0         1         04/10/24           ND         50.0         1         04/11/24           ND         50.0         1         04/11/24           ND         50.0         1         04/11/24           ND         50.0         1         04/11/24           Mg/kg         mg/kg         Analyst: KM	Reporting           Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: BA           ND         0.0250         1         04/10/24         04/11/24           ND         0.0500         1         04/10/24         04/11/24           ND         0.0250         1         04/10/24         04/11/24           mg/kg         mg/kg         Analyst: BA           ND         20.0         1         04/10/24         04/11/24           mg/kg         mg/kg         Analyst: KM           ND         25.0         1         04/10/24         04/11/24           ND         25.0         1         04/11/24         04/12/24           ND         50.0         1         04/11/24         04/12/24           ND         50.0         1         04/11/24         04/12/24           ND         50.0         1         04/11/24

# **Sample Data**

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

#### BH02 10' E404073-02

		E-10-1075-02				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: BA		Batch: 2415035
Benzene	ND	0.0250	1	04/10/24	04/11/24	
Ethylbenzene	ND	0.0250	1	04/10/24	04/11/24	
Toluene	ND	0.0250	1	04/10/24	04/11/24	
o-Xylene	ND	0.0250	1	04/10/24	04/11/24	
p,m-Xylene	ND	0.0500	1	04/10/24	04/11/24	
Total Xylenes	ND	0.0250	1	04/10/24	04/11/24	
Surrogate: 4-Bromochlorobenzene-PID		94.3 %	70-130	04/10/24	04/11/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2415035
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/10/24	04/11/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.4 %	70-130	04/10/24	04/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: KM		Batch: 2415054
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/24	04/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/24	04/12/24	
Surrogate: n-Nonane		104 %	50-200	04/11/24	04/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: WF		Batch: 2415042
Chloride	ND	20.0	1	04/10/24	04/12/24	



		QC S	umma	пу рас	a					
Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:	01	LAGLER 8 C .058-0007					Reported:	
Artesia NM, 88210		Project Manager:	Gi	ilbert Moreno	1			4	1/15/2024 11:02:34AM	
		Volatile Organics by EPA 8021B						Analyst: B		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2415035-BLK1)							Prepared: 0	4/10/24 Ar	nalyzed: 04/11/24	
Benzene	ND	0.0250								
Ethylbenzene	ND	0.0250								
Toluene	ND	0.0250								
p-Xylene	ND	0.0250								
p,m-Xylene	ND	0.0500								
Total Xylenes	ND	0.0250								
Surrogate: 4-Bromochlorobenzene-PID	7.66		8.00		95.8	70-130				
LCS (2415035-BS1)							Prepared: 0	4/10/24 Ar	nalyzed: 04/11/24	
Benzene	4.83	0.0250	5.00		96.5	70-130				
Ethylbenzene	4.87	0.0250	5.00		97.4	70-130				
Toluene	4.95	0.0250	5.00		99.1	70-130				
o-Xylene	4.97	0.0250	5.00		99.4	70-130				
o,m-Xylene	9.96	0.0500	10.0		99.6	70-130				
Total Xylenes	14.9	0.0250	15.0		99.5	70-130				
Surrogate: 4-Bromochlorobenzene-PID	7.76		8.00		96.9	70-130				
Matrix Spike (2415035-MS1)				Source:	E404072-	01	Prepared: 0	4/10/24 Ar	nalyzed: 04/11/24	
Benzene	4.80	0.0250	5.00	ND	95.9	54-133				
Ethylbenzene	4.80	0.0250	5.00	ND	96.0	61-133				
Toluene	4.90	0.0250	5.00	ND	98.0	61-130				
o-Xylene	4.91	0.0250	5.00	ND	98.3	63-131				
o,m-Xylene	9.79	0.0500	10.0	ND	97.9	63-131				
Total Xylenes	14.7	0.0250	15.0	ND	98.0	63-131				
Surrogate: 4-Bromochlorobenzene-PID	7.67		8.00		95.9	70-130				
Matrix Spike Dup (2415035-MSD1)				Source:	E404072-	01	Prepared: 0	4/10/24 Ar	nalyzed: 04/11/24	
Benzene	5.11	0.0250	5.00	ND	102	54-133	6.34	20		
Ethylbenzene	5.13	0.0250	5.00	ND	103	61-133	6.57	20		
Toluene	5.23	0.0250	5.00	ND	105	61-130	6.62	20		
o-Xylene	5.25	0.0250	5.00	ND	105	63-131	6.63	20		
p,m-Xylene	10.5	0.0500	10.0	ND	105	63-131	6.70	20		
Total Villanas	15.7	0.0250	15.0	ND	105	62 121	6.69	20		



15.7

7.77

0.0250

15.0

8.00

ND

105

97.1

63-131

70-130

6.68

20

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

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

Artesia NM, 88210		Project Number: Project Manager		lbert Moreno				4/1	5/2024 11:02:34A
	Non	halogenated (	Organics l	by EPA 801	5D - GI	RO			Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2415035-BLK1)							Prepared: 0-	4/10/24 Ana	yzed: 04/11/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.30		8.00		91.2	70-130			
LCS (2415035-BS2)							Prepared: 0	4/10/24 Ana	lyzed: 04/11/24
Gasoline Range Organics (C6-C10)	39.6	20.0	50.0		79.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.36		8.00		92.0	70-130			
Matrix Spike (2415035-MS2)				Source: I	E404072-0	01	Prepared: 0	4/10/24 Ana	lyzed: 04/11/24
Gasoline Range Organics (C6-C10)	43.3	20.0	50.0	ND	86.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.9	70-130			
Matrix Spike Dup (2415035-MSD2)				Source: I	E404072-0	01	Prepared: 0	4/10/24 Ana	lyzed: 04/11/24
Gasoline Range Organics (C6-C10)	45.4	20.0	50.0	ND	90.9	70-130	4.73	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.8	70-130			

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

Artesia NM, 88210		Project Manage	r: G1	ibert Moreno				4	/15/2024 11:02:34AI
	Nonha	logenated Or	ganics by l	EPA 8015I	) - DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2415054-BLK1)							Prepared: 0	4/11/24 An	alyzed: 04/11/24
tiesel Range Organics (C10-C28)	ND	25.0							
vil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	57.6		50.0		115	50-200			
ACS (2415054-BS1)							Prepared: 0	4/11/24 An	alyzed: 04/11/24
viesel Range Organics (C10-C28)	288	25.0	250		115	38-132			
urrogate: n-Nonane	54.3		50.0		109	50-200			
Matrix Spike (2415054-MS1)				Source:	E404069-0	01	Prepared: 0	4/11/24 An	alyzed: 04/12/24
riesel Range Organics (C10-C28)	291	25.0	250	ND	116	38-132			
urrogate: n-Nonane	52.3		50.0		105	50-200			
Matrix Spike Dup (2415054-MSD1)				Source:	E404069-0	01	Prepared: 0	4/11/24 An	alyzed: 04/12/24
tiesel Range Organics (C10-C28)	287	25.0	250	ND	115	38-132	1.14	20	
urrogate: n-Nonane	52.1		50.0		104	50-200			



Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		FLAGLER 8 C' 01058-0007	TB 1				Reported:
Artesia NM, 88210		Project Manager		Gilbert Moreno	ilbert Moreno				4/15/2024 11:02:34AM
Anions by EPA 300.0/9056A									Analyst: WF
Analyte	Racult	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	

Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
						Prepared: 0	4/10/24	Analyzed: 04/11/24
ND	20.0							
						Prepared: 0	4/10/24	Analyzed: 04/11/24
250	20.0	250		100	90-110			
			Source:	E404066-	02	Prepared: 0	4/10/24	Analyzed: 04/11/24
251	20.0	250	ND	101	80-120			
			Source:	E404066-	02	Prepared: 0	4/10/24	Analyzed: 04/11/24
260	20.0	250	ND	104	80-120	3.44	20	
	MD 250 251	MD 20.0  250 20.0  251 20.0	MD 20.0  250 20.0 250  251 20.0 250	mg/kg mg/kg mg/kg mg/kg  ND 20.0  250 20.0 250  Source: 251 20.0 250 ND  Source:	mg/kg mg/kg mg/kg mg/kg %  ND 20.0  250 20.0 250 100  Source: E404066- 251 20.0 250 ND 101  Source: E404066-	mg/kg mg/kg mg/kg mg/kg % %  ND 20.0  250 20.0 250 100 90-110  Source: E404066-02  251 20.0 250 ND 101 80-120  Source: E404066-02	mg/kg mg/kg mg/kg mg/kg % % %  Prepared: 0  ND 20.0  Prepared: 0  250 20.0 250 100 90-110  Source: E404066-02 Prepared: 0  251 20.0 250 ND 101 80-120  Source: E404066-02 Prepared: 0	mg/kg mg/kg mg/kg mg/kg % % % % %  Prepared: 04/10/24 A  ND 20.0  Prepared: 04/10/24 A  250 20.0 250 100 90-110  Source: E404066-02 Prepared: 04/10/24 A  251 20.0 250 ND 101 80-120  Source: E404066-02 Prepared: 04/10/24 A

#### QC Summary Report Comment:

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



## **Definitions and Notes**

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Gilbert Moreno	04/15/24 11:02

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Page 1	of	10
	1	

Client: D	evon Ene	rgy Produ	iction Co	IP I	Bill To		I		1:	ah H	se On	lv					TAT		FPA P	rogram
	FLAGLER 8				Attention: Jim Raley		Lah	WO			Job	,	ber	. 11	) 2	D I		Standard	CWA	SDWA
	Manager:		loreno		Address: 5315 Buena Vista Dr.		F	104	57	3	010	58	w.	A	-			day TAT		
	: 13000 W				City, State, Zip: Carlsbad, NM, 8	8220							nd Met					Table 1		RCRA
	te, Zip_Od				Phone: 575-885-7502		1	T	Г	T				T	T	T	$\neg$			
_	132-305-6				Email: jim.raley@dvn.com			015											State	
Dydlow Cillians City	evon-tear		env.com		WO: 21179750			by 8										NMI CO	UT AZ	TX
3					Incident ID: nAPP2106147760		1	RO												
74								10/0	-			0.		1 :						
Collecte	d by: Edyt	e Konan					-	J/DR	8021	8260	0109	300			- 1		ř	×		
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID	Lab	Depth(ft.)	TPH GRO/DRO/ORO by 8015	BTEX by	VOC by 8260	Metals 6010	Chloride 300.0		1 0	BGDOC		GDOC		Remarks	
9	· ·		30,000,000,000			Number		=	LB B	>	Σ	Ò	-				U			
10:20	04.08.24	S	1		BH02	1	7'							,	(					
10:30	04.08.24	S	1		BH02	2	10								(					
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Addition	nal Instruc	tions:						1		l					+			1		
											Ic. I		tota et				t t	1		-1-4
				icity of this sample. nay be grounds for	I am aware that tampering with or intentionally m legal action. Sampled by: EK	islabelling the sam	ole loca	ation,	Sec.		707							ved on ice the da than 6 °C on sub		pled of
Relinquish	ed by: (Signa	iture)	Date	10924 09	Received by: (Signature)  Nichele Gonza	les 01.9-)	ч	Time	90	Λ				(	Lab		Only			
Relinquish	ed by: (Sign	ture)	Date	Time	Received by (Signature)	Date	1	Time			Rece	eived	d on ice	. (	ソ	/ N				
4 - 1004		Carter		9-24 16	22 J.M.	4.9.	14	_	71	5	<u>T1</u>			- , I	2			<u>T3</u>		
Kelinquish	ed by: (Signa	iture)	H. Date	9.24 2	330 Received by: (Signature)	14/10	24	Time	00	l	AVG	Ten	np °C_	4	-					
Sample Mat	rix: S - Soil, Se	1 - Solid, Sg		queous, O - Other _		Container	Туре	e: g - [	glass,	p - p	_		-	mber	glas	ss, v -	VOA			
					unless other arrangements are made. Hazar	dous samples wil	l be re	eturne	d to c	lient o	or disp	osed	of at the					oort for the a	nalysis of th	e above
samples is	applicable of	nly to thos	e samples r	eceived by the lal	poratory with this COC. The liability of the lab	oratory is limited	to the	e amo	unt pa	id for	on the	repo	ort.							

e. The report for the analysis of the above

envirotech Inc.

Printed: 4/10/2024 2:07:43PM

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Phone: (575) 748-0176 Date Logged In: 04/10/24 10:09 Logged In By: Alexa Michaels					<u> </u>	•			
Chain of Custody (COC)  1. Does the sample ID murit the COC? 2. Does the number of samples per sampling site location match the COC. 3. Were number droppelet, e.e., signature, dates times, requested analyses? 5. Were all samples ecceived within holding time? 7. Was a samples code or the control of the con	Client:	Devon Energy - Carlsbad	Date Received:	04/10/24	10:09		Work Order ID:	E404073	
Chain of Cistody (COC)  1. Does the sample ID match the COC? 2. Does the number of samples per sampling site location match the COC 2. Does the number of samples per sampling site location match the COC 3. Were and lassophes exceed with white holds of the codosed in the field, 3. News and samples exceeded within holds gite me?  News Audysia, make a pill which should be codosed in the field, 3. It is a simulated second the codosed in the field, 3. It is a simulated second the field and single me?  Note: Analysia, make a pill which should be codosed in the field, 3. It yes, was conducted studied in this discussion.  Sample Turn Around Time (TAT)  8. If yes, was conducted studied in this discussion.  1. If yes, was conducted studied in this discussion.  1. If yes, was conducted studied in the field per studied in the field per studied in the field per studied in the field per studied in the field per studied in the field per studied in the field per studied in the field per studied in the field per studied in the field per studied in the field per studied in the field per studied per studied per studied in the field per studied per	Phone:	(575) 748-0176	Date Logged In:	04/10/24	10:09		Logged In By:	Alexa Michaels	
L. Does the number of samples or sampling size location match the COC 3. Were samples dropped off by elient or carrier? 4. Was the COC complete, i.e., signatures, date-witness, requested analyses? 4. Was the COC complete, i.e., signatures, date-witness, requested analyses? 5. Wice all samples received within holding time? 5. Samule Farra Acount Time (TAD) 6. Del the COC indicate standard TAT, or Expedited TATY 5. Was a sample cooler received in good condition? 7. Was a sample cooler received in good condition? 8. If yes, was cooler received in good condition? 9. Was the samplest perceived on lev? If yes, the recorded temp is 4°C, i.e., 6°-2°C. Note: Theready-security seals present? 9. No. 1. Hyre, were custophysecurity seals instee? 12. Was the sample received on lev? If yes, the recorded temp is 4°C, i.e., 6°-2°C. Note: Theready-security seals present? 13. If no visible ice, record the temperature. 14°C Sample Container 14. Are aqueous VOC samples presents: 15. Are VOC samples collected in VOA Valu? 16. Are non-VOC samples collected in VOA Valu? 17. Was a rip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in VOA Valu? 18. Are non-VOC samples collected in VOA Valu? 19. Was a rip blank (TB) included for VOC analyses? 19. Are non-VOC samples collected in VOA Valu? 19. Are non-VOC samples	Email:	Devon-team@etechenv.com	Due Date:	04/16/24	17:00 (4 day TAT)				
2. Does the number of samples per sampling site location match the COC yet and the samples of th									
3. Were samples dropped off by elient or carrier?  4. West the COC complete, i.e., signatures, dates/times, requested analyses?  5. Were a lamage received within holding time?  5. Were a lamage received within holding time?  6. Did the COC indicate standard TAT, or Expedited TAT?  6. Did the COC indicate standard TAT, or Expedited TAT?  6. Did the COC indicate standard TAT, or Expedited TAT?  7. Was a sample cooler received?  7. Was a sumple cooler received in good condition?  8. If yes, was cooler received in good condition?  9. Was the sample's preceived instact, i.e., not broken?  10. Were custody/security seals instact?  11. If yes, were custody/security seals instact?  12. Was the sample received on set? Tyes, the recorded temp is 4°C, i.e., 6°±2°C  13. If no visual expensive a sampling in the temperature. Actual sample temperature: 4°C  8. Sample Constitute.  14. Are aqueous VOC samples present?  15. Are VOC samples collected in VOA visia?  16. Is the hoad space less than 6-8 mm (pas sized or less)?  18. Are non-VOC samples collected in the correct containent?  19. It is the appropriate evolune/weight or number of sample containers collected?  7. Ver Sample Container.  19. It is the appropriate volune/weight or number of sample containers collected?  7. Ver Sample for or collected in the correct containent?  19. It is the appropriate volune/weight or number of sample containers collected?  19. It is the appropriate volune/weight or number of sample containers collected?  19. It is the appropriate volune/weight or number of sample containers collected?  19. It is the appropriate volune/weight or number of sample containers collected?  19. It is the appropriate volune/weight or number of sample containers collected?  29. West a subcontract Laboratory.  20. West a subcontract Laboratory specified by the client and if so who?  20. West a subcontract Laboratory specified by the client and if so who?  20. West a subcontract Laboratory specified by the client and if so who?  20. West a subcontract Laboratory spe			1.4. 606	Yes					
4. Was the COC complete, i.e., signatures, data-witnes, requested analyses?  New eal samples received within bolding time?  Nose: Analysis, such as pH which should be conducted in the field, i.e., 15, minuse hold time, are not included in this discussion.  Sample Thru Around Time (TAT)  6. Bid the COC indicates standard TAT, or Expedited TAT?  Yes  Sample Couler.  7. Was a sample cooler received?  8. If yes, was cooler received in good condition?  9. Was the sample cooler received in good condition?  11. If yes, was cooler received in good condition?  11. If yes, were custody/security seals prisent?  No  11. If yes, were custody/security seals prisent?  No  11. If yes, were custody/security seals prisent?  No  11. If yes, one or correctived in its fixe, the recorded remp is 4°C, i.e., 6°2.2°C.  Note: Thermal preservation is not required, if samples are received wis 15 minuses of ranging  13. If no visible ice, record the temperature. Actual sample temperature decomplished to the temperature of the samples of the samples of the samples of the samples of the samples of the samples of the samples of the samples of the samples of the samples of the samples of the sample of the samples of the samples of the samples of the samples of the samples of the samples of the samples were preserved?  No  13. If no visible ice, record the unmer of sample containers collected?  Yes  14. Are non-NO'Co samples collected in the correct containers?  No  15. If the field sample labels filled out with the minimum information:  Sample ID'  Date Time Collected?  Yes  Collectors name?  No  16. If the field sample labels indicate the samples were preserved?  No  No  27. Are samples of year of the correct containers?  No  No  17. Was a trip blank (18) included for NO Cambridges of the samples were preserved?  No  No  18. If the spread preserved in the correct containers?  Yes  Sample ID' sample collected?  Yes  Collectors name?  No  No  No  No  No  No  No  No  No  N			tch the COC						
5. Weve all samples received within holding time? Note Amples, such say la which should be conducted in the field, ic., 15 minute hold time, are not included in this diseasaton.  Sample Turn Acroad Time (TAD") 6. Did the COC's indicate standard TAT, or Expedited TAT? 7. Was a sample cooler received? 8. If yes, was cooler received in good condition? 9. Was the sample's coelever foreity for expedited in good condition? 10. Were custody/security seals present? 10. Were custody/security seals present? 10. Were custody/security seals present? 11. If yes, were custody/security seals intent? 12. Was the sample coeleved on let' It yes, the recorded temp is 4°C, i.e., 6°±2°C Note Themal presentation is not required, if samples are received wil 15 minutes of sampling. 13. If no visible ice, record the temperature. Actual sample temperature: 4°C Sample Conduct. 14. Are appeared VOC samples collected in VOA Visls? 15. And VOC samples collected in the correct containers? 16. Is the head space less than 6.8 mm (pea sized or less)? 17. Was a rip blance collected in the correct containers? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers? 20. Were fail sample labels filled out with the minimum information: Samply ED? 21. Does the COC or field labels indicate the samples were preserved? 22. Are samples correquired and or requested for dissolved metals? 23. Does the COC or field labels indicate the samples were preserved? 24. Is lab filterator required and or requested for dissolved metals? 25. Does the sample have more than one plasse, i.e., multiplase? 26. Does the sample have more than one plasse, i.e., multiplase? 27. If yes, does the COC specify which phase(s) is to be analyzed? 28. Are samples required to get sent to a subcontract laboratory? 29. Was a subcontract laboratory specified by the client and if so who? 29. Was a subcontract laboratory specified by the client and if so who? 29. Was a subcontract laboratory specified by the client and					Carrier: C	<u>ourier</u>			
Note: Analysis, sold as pH which should be conducted in the fields, is, 15 mure blod turn, are not included in this disessession.  Sample Therr Around Time (TAT)  6. Did the COC indicate standard TAT, or Expedited TAT?  Yes  Sample Cooler  7. Yes  8. Fyes, was cooler received in good condition?  7. Yes  8. Fyes, was cooler received in good condition?  7. Yes  8. Fyes, was cooler received in fact, i.e., not broken?  8. Wes as sample cooler received in fact, i.e., not broken?  9. Was the sample received on itse? Fyes, the recorded temp is 4°C, i.e., 6°±2°C  Note: Thermal psecarvision is out required. If samples are received wil 15 minutes of samples meeting in the transplant of the minutes of sample sample received on itse? Hyes, the recorded temp is 4°C, i.e., 6°±2°C  Note: Thermal psecarvision is out required. If samples are received wil 15 minutes of samples present?  13. If no visible i.e., record the emperature. Actual sample temperature: 4°C  Sample Container.  14. Are squeeced less than 6.8 min fless sized or less)?  NA  15. Are VOC samples collected in VOC analyses?  NA  16. Is the bend specie less than 6.8 min fless sized or less)?  NA  17. Was a trip blank (TB) included for VOC analyses?  NA  18. Are non-VOC samples collected in vOC analyses?  No  19. Is the appropriate volume/weight or number of sample containers collected?  No  19. Sample DOP  10. Over field sample labels filled out with the minimum information:  Sample Preservation.  21. Does the COC or field hibels indicate the samples were preserved?  No  22. Los samples by coveredly preserved?  No  No  No  No  No  No  No  No  No  N			sted analyses?						
8. Did the COC indicate standard TAT, or Expedited TAT?  7. Was a sample cooler received?  7. Was a sample cooler received?  8. If yes, was cooler received in good condition?  9. Was the sample's received intact, i.e., not broken?  10. Were custody/security seals intact?  11. If yes, were custody/security seals intact?  11. If yes, were custody/security seals intact?  12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°42°C  Note: Thermal preservation is not required, if samples are received wit 15 minutes of sampling  13. If no visible ice, record the temperature. Actual sample temperature:  14. Are aqueous VOC samples present?  15. Are VOC Samples collected in VOA Vials?  16. Is the head space less than 6-8 mm (pes sized or less)?  17. Was a trip blank (TB) included for VOC analyses?  18. Are non-VOC samples collected in the correct containers?  19. Is the appropriate volume/weight or number of sample containers collected?  19. Is the appropriate volume/weight or number of sample containers collected?  19. Seample Infect Label.  20. Were field sample labels filled out with the minimum information:  10. Does the COC or field labels indicate the samples were preserved?  11. Does the COC or field preserved?  12. Does the COC or field habels indicate the samples were preserved?  12. Lone she COC or field habels indicate the samples were preserved?  13. If no Vice Collectors name?  14. Are sample Invervation  15. Does the sample Invervation  16. Is the collector or requested for dissolved metals?  17. If yes, does the COC specify which phass(s) is to be analyzed?  18. Are sample Invervation  19. Subsolutinat Laboratory  20. Was a subcontract laboratory specified by the client and if so who?  19. Was a subcontract Laboratory specified by the client and if so who?  19. Was a subcontract Laboratory specified by the client and if so who?  19. Was a subcontract Laboratory specified by the client and if so who?  19. Was a subcontract Laboratory specified by the client and if so who?  19. Was a	Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.				Г		Comment	s/Resolution	
Sample Conter 7. Was a sample color received? 9. Was the sample(s) received intact, i.e., not broken? 9. Was the sample(s) received intact, i.e., not broken? 10. Were custody/security seals present? 11. If yes, were custody/security seals intact? 12. Was the sample received nice ice? If yes, the recorded somp is 4°C, i.e., 6°12°C Note. Themsal preservation in or required, if samples are received wil 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? 15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6.8 mm (pas sized or less)? 17. Was at rip blank (I'B) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or mamber of sample containers collected? 19. Is the appropriate volume/weight or mamber of sample containers collected? 20. Were field sample labels filled out with the minimum information: 21. Does the COC or field labels indicate the samples were preserved? 22. Are sample(s) correctly preserved? 23. Is also filteration required and/or requested for dissolved metals? 24. Is also filteration required and/or requested for dissolved metals? 25. Does the sample have more than one phase, i.e., multiphase? 26. Does the Soci or field labels indicate the samples were preserved? 27. If yes, does the COC specify which phase(s) is to be analyzed? 28. Are sample Frequent or get sent to a subcontract laboratory 29. Was a subcontract laboratory specified by the client and if so who? 28. Are samples as subcontract laboratory specified by the client and if so who? 28. Are samples as subcontract laboratory specified by the client and if so who? 29. Was a subcontract laboratory specified by the client and if so who? 29. Was a subcontract laboratory specified by the client and if so who? 29. Was a subcontract laboratory specified by the client and if so who? 29. Was a subcontract laboratory specified by the client and if so who?									
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Sample Container   No	12. Was ti	he sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling	e received w/i 15	Yes					
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15. Are VOC samples collected in VOA Vials?  16. Is the head space less than 6-8 mm (pea sized or less)?  17. Was a trip blank (TB) included for VOC analyses?  18. Are non-VOC samples collected in the correct containers?  19. Is the appropriate volume/weight or number of sample containers collected?  19. Is the appropriate volume/weight or number of sample containers collected?  19. Substantial collected sample labels filled out with the minimum information:  10. Sample ID?  10. Were field sample labels filled out with the minimum information:  10. Sample ID?  10. Date Time Collected?  10. Collectors name?  11. Does the COC or field labels indicate the samples were preserved?  12. Does the COC or field labels indicate the samples were preserved?  13. Is ab filteration required and/or requested for dissolved metals?  14. Is lab filteration required and/or requested for dissolved metals?  15. Does the COC or field have more than one phase, i.e., multiphase?  16. Does the Sample Martrix  17. If yes, does the COC specify which phase(s) is to be analyzed?  18. Are samples required to get sent to a subcontract laboratory?  18. Are samples required to get sent to a subcontract laboratory?  18. Are samples required to get sent to a subcontract laboratory?  18. Are samples required to get sent to a subcontract laboratory?  18. Are samples required to get sent to a subcontract laboratory?  18. Are samples required to get sent to a subcontract laboratory?  18. Are samples required to get sent to a subcontract laboratory?  18. Are samples required to get sent to a subcontract laboratory?  18. Are samples required to get sent to a subcontract laboratory?  18. Are samples required to get sent to a subcontract laboratory?  18. Are samples required to get sent to a subcontract laboratory?  18. Are samples required to get sent to a subcontract laboratory?  18. Are samples required to get sent to a subcontract laboratory?  18. Are samples required to get sent to a subcontract laboratory?  18. Are samples required to get sent to				No					
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18. Are non-VOC samples collected in the correct containers?  19. Is the appropriate volume/weight or number of sample containers collected?  19. Is the appropriate volume/weight or number of sample containers collected?  20. Were field sample labels filled out with the minimum information:  Sample ID?  Date/Time Collected?  Collectors name?  Yes  Sample Preservation  21. Does the COC or field labels indicate the samples were preserved?  No  22. Are sample(s) correctly preserved?  No  Multiphase Sample Matrix  26. Does the sample have more than one phase, i.e., multiphase?  No  Multiphase Sample sample save more than one phase, i.e., multiphase?  No  Subcontract Laboratory  28. Are samples required to get sent to a subcontract laboratory?  No  99. Was a subcontract laboratory specified by the client and if so who?  Client Instruction		• • • • • • • • • • • • • • • • • • • •							
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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?  Client Instruction		<del>-</del>	se?	No					
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29. Was a subcontract laboratory specified by the client and if so who?  NA Subcontract Lab: NA  Client Instruction									
Client Instruction		· · ·	•						
	29. Was	a subcontract laboratory specified by the client and it	f so who?	NA	Subcontract Lab	: NA			
	Client I	<u>nstruction</u>							

Date

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

Report to:
Gilbert Moreno







5796 U.S. Hwy 64 Farmington, NM 87401

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





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Practical Solutions for a Better Tomorrow

## **Analytical Report**

Devon Energy - Carlsbad

Project Name: FLAGLER 8 CTB 1

Work Order: E404039

Job Number: 01058-0007

Received: 4/5/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 4/10/24

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

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

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

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

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

Date Reported: 4/10/24

Gilbert Moreno 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: FLAGLER 8 CTB 1

Workorder: E404039

Date Received: 4/5/2024 6:30:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/5/2024 6:30:00AM, under the Project Name: FLAGLER 8 CTB 1.

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

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

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

**Alexa Michaels** 

Sample Custody Officer Office: 505-632-1881

labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe

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

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Golzales

Client Representative
Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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## **Sample Summary**

_				
١	Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
١	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
١	Artesia NM, 88210	Project Manager:	Gilbert Moreno	04/10/24 11:44

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



## **Sample Data**

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

#### BH02 9' E404039-01

	E404039-01				
D 1			D 1		N
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	st: RKS		Batch: 2414064
ND	0.0250	1	04/04/24	04/08/24	
ND	0.0250	1	04/04/24	04/08/24	
ND	0.0250	1	04/04/24	04/08/24	
ND	0.0250	1	04/04/24	04/08/24	
ND	0.0500	1	04/04/24	04/08/24	
ND	0.0250	1	04/04/24	04/08/24	
	98.7 %	70-130	04/04/24	04/08/24	
mg/kg	mg/kg	Analyst: RKS			Batch: 2414064
ND	20.0	1	04/04/24	04/08/24	
	95.0 %	70-130	04/04/24	04/08/24	
mg/kg	mg/kg	Analy	st: NV		Batch: 2414070
152	25.0	1	04/05/24	04/09/24	
93.6	50.0	1	04/05/24	04/09/24	
	80.8 %	50-200	04/05/24	04/09/24	
mg/kg	mg/kg	Analy	st: IY		Batch: 2414073
ND	20.0	1	04/05/24	04/05/24	
	ND ND ND ND ND ND ND ND THE STATE OF THE STA	Result         Reporting           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           MD         20.0250           98.7 %         mg/kg           Mg/kg         mg/kg           ND         20.0           95.0 %         mg/kg           mg/kg         mg/kg           152         25.0           93.6         50.0           80.8 %         mg/kg           mg/kg         mg/kg	Reporting           Result         Limit         Dilution           mg/kg         mg/kg         Analy           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           mg/kg         mg/kg         Analy           ND         20.0         1           95.0 %         70-130         1           mg/kg         mg/kg         Analy           152         25.0         1           93.6         50.0         1           80.8 %         50-200           mg/kg         mg/kg         Analy	Reporting           Result         Limit         Dilution         Prepared           mg/kg         Analyst: RKS           ND         0.0250         1         04/04/24           ND         0.0250         1         04/04/24           ND         0.0250         1         04/04/24           ND         0.0250         1         04/04/24           ND         0.0500         1         04/04/24           ND         0.0250         1         04/04/24           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         04/04/24           mg/kg         mg/kg         Analyst: NV           152         25.0         1         04/05/24           93.6         50.0         1         04/05/24           80.8 %         50-200         04/05/24           mg/kg         Mg/kg         Analyst: IY	Reporting           Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         04/04/24         04/08/24           ND         0.0250         1         04/04/24         04/08/24           ND         0.0250         1         04/04/24         04/08/24           ND         0.0500         1         04/04/24         04/08/24           ND         0.0250         1         04/04/24         04/08/24           ND         0.0250         1         04/04/24         04/08/24           MD         0.0250         1         04/04/24         04/08/24           MB/kg         mg/kg         Analyst: RKS           ND         20.0         1         04/04/24         04/08/24           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         04/04/24         04/08/24           mg/kg         mg/kg         Analyst: NV           152         25.0         1         04/05/24         04/09/24           80.8 %         50-200         04/05/24         04/09/24

Devon Energy - Carlsbad FLAGLER 8 CTB 1 Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Gilbert Moreno 4/10/2024 11:44:38AM **Volatile Organics by EPA 8021B** Analyst: RAS Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Prepared: 04/04/24 Analyzed: 04/04/24 Blank (2414064-BLK1) ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.55 8.00 94.4 70-130 LCS (2414064-BS1) Prepared: 04/04/24 Analyzed: 04/04/24 5.17 103 70-130 5.00 Benzene 0.0250 Ethylbenzene 5.13 0.0250 5.00 103 70-130 5.13 0.0250 5.00 103 70-130 Toluene o-Xylene 5.07 0.0250 5.00 101 70-130 10.3 10.0 103 70-130 0.0500 p.m-Xvlene 103 70-130 15.4 15.0 Total Xylenes 0.0250 8.00 94.1 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.53 Matrix Spike (2414064-MS1) Source: E404028-01 Prepared: 04/04/24 Analyzed: 04/04/24 5.61 0.0250 5.00 ND 112 54-133 Benzene ND 61-133 Ethylbenzene 5.55 0.0250 5.00 111 Toluene 5.57 0.0250 5.00 ND 111 61-130 5.50 ND 110 63-131 5.00 0.0250 o-Xylene p,m-Xylene 11.1 0.0500 10.0 ND 111 63-131 16.6 0.0250 15.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.56 8.00 Matrix Spike Dup (2414064-MSD1) Source: E404028-01 Prepared: 04/04/24 Analyzed: 04/05/24 5.50 0.0250 5.00 ND 54-133 2.05 ND 61-133 1.57 5.46 0.0250 5.00 109 20 Ethylbenzene

61-130

63-131

63-131

63-131

70-130

1 74

1.44

1.54

1.50

20

20

20

20



5 47

5.42

11.0

16.4

7.58

0.0250

0.0250

0.0500

0.0250

5.00

5.00

10.0

15.0

8.00

ND

ND

ND

ND

109

108

110

109

94.7

Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

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

Artesia NM, 88210		Project Manage	r: Gi	lbert Moreno				4/10	0/2024 11:44:38A			
Nonhalogenated Organics by EPA 8015D - GRO  Analyst: RAS												
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes			
Blank (2414064-BLK1)							Prepared: 0	4/04/24 Anal	yzed: 04/04/24			
Gasoline Range Organics (C6-C10)	ND	20.0										
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.68		8.00		96.0	70-130						
LCS (2414064-BS2)							Prepared: 0	4/04/24 Anal	yzed: 04/04/24			
Gasoline Range Organics (C6-C10)	51.7	20.0	50.0		103	70-130						
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.76		8.00		96.9	70-130						
Matrix Spike (2414064-MS2)				Source:	E404028-	01	Prepared: 0	4/04/24 Anal	yzed: 04/05/24			
Gasoline Range Organics (C6-C10)	54.6	20.0	50.0	ND	109	70-130						
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.76		8.00		97.0	70-130						
Matrix Spike Dup (2414064-MSD2)				Source:	E404028-	01	Prepared: 0	4/04/24 Anal	yzed: 04/05/24			
Gasoline Range Organics (C6-C10)	50.5	20.0	50.0	ND	101	70-130	7.82	20				
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.73		8.00		96.6	70-130						

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

Artesia NM, 88210		Project Manage	r: Gi	lbert Moreno				4/1	.0/2024 11:44:38AN			
Nonhalogenated Organics by EPA 8015D - DRO/ORO Analyst: NV												
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit				
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes			
Blank (2414070-BLK1)							Prepared: 0	4/05/24 Ana	lyzed: 04/08/24			
Diesel Range Organics (C10-C28)	ND	25.0										
il Range Organics (C28-C36)	ND	50.0										
urrogate: n-Nonane	40.4		50.0		80.7	50-200						
LCS (2414070-BS1)							Prepared: 0	4/05/24 Ana	lyzed: 04/09/24			
Diesel Range Organics (C10-C28)	245	25.0	250		98.0	38-132						
urrogate: n-Nonane	43.7		50.0		87.4	50-200						
Matrix Spike (2414070-MS1)				Source:	E404034-	01	Prepared: 0	4/05/24 Ana	lyzed: 04/09/24			
Diesel Range Organics (C10-C28)	5960	25.0	250	5290	267	38-132			M4			
urrogate: n-Nonane	62.5		50.0		125	50-200						
Matrix Spike Dup (2414070-MSD1)				Source:	E404034-	01	Prepared: 0	4/05/24 Ana	lyzed: 04/09/24			
Diesel Range Organics (C10-C28)	5550	25.0	250	5290	106	38-132	7.00	20				
urrogate: n-Nonane	60.6		50.0		121	50-200						

## **QC Summary Data**

Devon Energy - Carlsbad		Project Name:		LAGLER 8 CT	ГВ 1				Reported:
6488 7 Rivers Hwy Artesia NM, 88210		Project Number: Project Manager:		ilbert Moreno					4/10/2024 11:44:38AM
		Anions	by EPA 3	300.0/9056 <i>A</i>	1				Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2414073-BLK1)							Prepared: 0-	4/05/24 A	nalyzed: 04/05/24
Chloride	ND	20.0							
LCS (2414073-BS1)							Prepared: 0	4/05/24 A	nalyzed: 04/05/24
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2414073-MS1)				Source:	E404035-0	)3	Prepared: 0	4/05/24 A	nalyzed: 04/05/24
Chloride	252	20.0	250	ND	101	80-120			
Matrix Spike Dup (2414073-MSD1)				Source:	E404035-0	)3	Prepared: 0	4/05/24 A	nalyzed: 04/05/24
Chloride	251	20.0	250	ND	100	80-120	0.410	20	

#### QC Summary Report Comment:

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



#### **Definitions and Notes**

ſ	Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	
l	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
l	Artesia NM, 88210	Project Manager:	Gilbert Moreno	04/10/24 11:44

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

associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Page	<u> </u>	_ of _	<u>\$</u> _	Receive
am DWA				d by O
CRA				CD:
				7/17/2
				025
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roject: Fl	LAGLER 8	CTB 1			Atte	ention: Jim Raley		Lab	WO	# _		Job	Num	ber	10	2D	3D	Standard	CWA	SDWA
roject M	anager:	Gilbert N	loreno		Add	dress: 5315 Buena Vista Dr.	May no hay	E	404	103	39	NO	SU	-000	1			5 day TAT		
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ity, State	, Zip_Oc	lessa,TX,	79765		Pho	ne: 575-885-7502			1			-	74						THE SECOND	
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ollected	by: Edyt	e Konan						1	0/0	/ 80	826	601	e 30				¥	×		to the latest
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		Journal		GDOC		Remark	s
11:40	04.03.24	S	1			BH02	l	9'							,					
															-					
															+	+				
									-						-	-				
A. Land						1.12021														
						0410412021														
																1				
												10.3			+					
															-	+				
Additiona	l Instruc	tions:																		
				icity of this sample		that tampering with or intentionally n	mislabelling the sam	ple loca	ation,			- Contraction						eceived on ice the d less than 6 °C on si		
Relinquished			Date	Time		Received by: (Signature)	Date		Time							Lab L	lse On	ılv		
-	Me		021	04/24 10	:30	Middle Yongal	4.4.	14	10	30		Rec	eive	d on ice		7)/				
Relinquished	by: (Signa	ture)	Date	424 Time	547	Received by: (Signature)	Date	71	Time						T2			Т3		
Relinquished	by: (Signa	iture)	Date	Time	2	Received by: (Signature)	Date 11/5	120	Time		<u> </u>	TOWN THE		np °C				13		
	rew				330	When I	19121	U	lu	00	)					_				
				queous, O - Other			Containe													
						ner arrangements are made. Haza with this COC. The liability of the lat									client	expens	e. The	report for the	analysis of t	ne above



e. The report for the analysis of the above

enviroteches

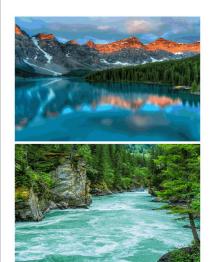
Printed: 4/5/2024 1:36:29PM

#### **Envirotech Analytical Laboratory**

	Devon Energy - Carlsbad Da	nte Received:	04/05/24	06:30		Work Order ID:	E404039
hone:	(575) 748-0176 Da	ate Logged In:	04/04/24	16:34		Logged In By:	Angelina Pineda
mail:	Devon-team@etechenv.com Do	ue Date:	04/11/24	17:00 (4 day TAT)			
Chain of	Custody (COC)						
l. Does ti	e sample ID match the COC?		Yes				
	e number of samples per sampling site location match	the COC	Yes				
	amples dropped off by client or carrier?		Yes	Carrier: (	Courier		
	e COC complete, i.e., signatures, dates/times, requested	l analyses?	Yes				
. Were a	I samples received within holding time?  Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion.	e field,	Yes			Commen	ts/Resolution
Sample T	urn Around Time (TAT)						
. Did the	COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C	<u>cooler</u>						
/. Was a :	ample cooler received?		Yes				
If yes,	was cooler received in good condition?		Yes				
. Was th	sample(s) received intact, i.e., not broken?		Yes				
0. Were	custody/security seals present?		No				
1. If yes	were custody/security seals intact?		NA				
2. Was th	e sample received on ice? If yes, the recorded temp is 4°C, i.e. Note: Thermal preservation is not required, if samples are re- minutes of sampling		Yes				
3. If no	risible ice, record the temperature. Actual sample ter	nperature: 4°0	2				
	<u>'ontainer</u>						
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers? ppropriate volume/weight or number of sample containers	collected?	Yes Yes				
Field Lal		conceicu.	105				
	<u>iei.</u> field sample labels filled out with the minimum inform	ation:					
	ample ID?		Yes				
	nte/Time Collected?		Yes				
C	ollectors name?		Yes				
	reservation						
	the COC or field labels indicate the samples were present	rved?	No				
	mple(s) correctly preserved?	1-0	NA				
	filteration required and/or requested for dissolved meta	us!	No				
	se Sample Matrix						
	the sample have more than one phase, i.e., multiphase?		No				
7. If yes	does the COC specify which phase(s) is to be analyzed	1?	NA				
	act Laboratory						
	mples required to get sent to a subcontract laboratory?		No				
	subcontract laboratory specified by the client and if so	who?	NA	Subcontract Lal	b: NA		
9. Was a							

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

Report to:
Gilbert Moreno







5796 U.S. Hwy 64 Farmington, NM 87401

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





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Practical Solutions for a Better Tomorrow

# **Analytical Report**

Devon Energy - Carlsbad

Project Name: FLAGLER 8 CTB 1

Work Order: E404040

Job Number: 01058-0007

Received: 4/5/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 4/11/24

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

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

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

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

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

Date Reported: 4/11/24

Gilbert Moreno 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: FLAGLER 8 CTB 1

Workorder: E404040

Date Received: 4/5/2024 6:30:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/5/2024 6:30:00AM, under the Project Name: FLAGLER 8 CTB 1.

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

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

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

**Alexa Michaels** 

Sample Custody Officer Office: 505-632-1881

labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe

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

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Golzales

Client Representative
Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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### **Sample Summary**

Devon Energy	- Carlsbad	Project Name:	FLAGLER 8 CTB 1	Donoutoda
6488 7 Rivers	Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 8	3210	Project Manager:	Gilbert Moreno	04/11/24 12:56

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



## **Sample Data**

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

#### BH03 0.5' E404040-01

		E404040-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: RKS		Batch: 2414064
Benzene	0.0490	0.0250	1	04/04/24	04/08/24	
Ethylbenzene	3.70	0.0250	1	04/04/24	04/08/24	
Toluene	1.91	0.0250	1	04/04/24	04/08/24	
o-Xylene	9.96	0.0250	1	04/04/24	04/08/24	
p,m-Xylene	11.9	0.0500	1	04/04/24	04/08/24	
Total Xylenes	21.9	0.0250	1	04/04/24	04/08/24	
Surrogate: 4-Bromochlorobenzene-PID		117 %	70-130	04/04/24	04/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RKS		Batch: 2414064
Gasoline Range Organics (C6-C10)	435	20.0	1	04/04/24	04/08/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		158 %	70-130	04/04/24	04/08/24	S5
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: NV		Batch: 2414070
Diesel Range Organics (C10-C28)	19500	250	10	04/05/24	04/10/24	
Oil Range Organics (C28-C36)	4930	500	10	04/05/24	04/10/24	
Surrogate: n-Nonane		448 %	50-200	04/05/24	04/10/24	S5
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: IY		Batch: 2414073
Chloride	31.5	20.0	1	04/05/24	04/05/24	



## **Sample Data**

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

#### BH03 4'

		E404040-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: RKS		Batch: 2414064
Benzene	ND	0.0250	1	04/04/24	04/09/24	
Ethylbenzene	0.0294	0.0250	1	04/04/24	04/09/24	
Toluene	ND	0.0250	1	04/04/24	04/09/24	
o-Xylene	0.108	0.0250	1	04/04/24	04/09/24	
p,m-Xylene	0.178	0.0500	1	04/04/24	04/09/24	
Total Xylenes	0.286	0.0250	1	04/04/24	04/09/24	
Surrogate: 4-Bromochlorobenzene-PID		94.6 %	70-130	04/04/24	04/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2414064
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/04/24	04/09/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.6 %	70-130	04/04/24	04/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: NV		Batch: 2414070
Diesel Range Organics (C10-C28)	645	25.0	1	04/05/24	04/10/24	
Oil Range Organics (C28-C36)	325	50.0	1	04/05/24	04/10/24	
Surrogate: n-Nonane		109 %	50-200	04/05/24	04/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2414073
Chloride	ND	20.0	1	04/05/24	04/05/24	



		QC Si	umma	ii y Data	а				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:	01	LAGLER 8 C 1058-0007 ilbert Moreno					Reported: 4/11/2024 12:56:26PM
		Volatile O	rganics b	oy EPA 802	21B				Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2414064-BLK1)							Prepared: 0	4/04/24 <i>A</i>	Analyzed: 04/04/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.55		8.00		94.4	70-130			
LCS (2414064-BS1)							Prepared: 0	4/04/24 A	Analyzed: 04/04/24
Benzene	5.17	0.0250	5.00		103	70-130			
Ethylbenzene	5.13	0.0250	5.00		103	70-130			
Toluene	5.13	0.0250	5.00		103	70-130			
o-Xylene	5.07	0.0250	5.00		101	70-130			
p,m-Xylene	10.3	0.0500	10.0		103	70-130			
Total Xylenes	15.4	0.0250	15.0		103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.53		8.00		94.1	70-130			
Matrix Spike (2414064-MS1)				Source:	E404028-	-01	Prepared: 0	4/04/24 A	Analyzed: 04/04/24
Benzene	5.61	0.0250	5.00	ND	112	54-133			
Ethylbenzene	5.55	0.0250	5.00	ND	111	61-133			
Toluene	5.57	0.0250	5.00	ND	111	61-130			
o-Xylene	5.50	0.0250	5.00	ND	110	63-131			
o,m-Xylene	11.1	0.0500	10.0	ND	111	63-131			
Total Xylenes	16.6	0.0250	15.0	ND	111	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.56		8.00		94.5	70-130			
Matrix Spike Dup (2414064-MSD1)				Source:	E404028-	-01	Prepared: 0	4/04/24 A	Analyzed: 04/05/24
Benzene	5.50	0.0250	5.00	ND	110	54-133	2.05	20	
Ethylbenzene	5.46	0.0250	5.00	ND	109	61-133	1.57	20	
T 1	5 47		5.00	ND	100	(1.120	1.74	20	

ND

ND

ND

ND

109

108

110

109

5.00

5.00

10.0

15.0

0.0250

0.0250

0.0500

0.0250

61-130

63-131

63-131

63-131

70-130

1.74

1.44

1.54

1.50

20

20

20

20



Toluene

o-Xylene

p,m-Xylene Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

5.47

5.42

11.0

16.4

7.58

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

Artesia NM, 88210		Project Manage	r: Gi	lbert Moreno				4/11	/2024 12:56:26PM		
	Non	halogenated	Organics l	y EPA 80	15D - GI	RO		A	nalyst: RAS		
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes		
Blank (2414064-BLK1)							Prepared: 0-	4/04/24 Analy	zed: 04/04/24		
Gasoline Range Organics (C6-C10)	ND	20.0									
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.68		8.00		96.0	70-130					
LCS (2414064-BS2)							Prepared: 0-	4/04/24 Analy	zed: 04/04/24		
Gasoline Range Organics (C6-C10)	51.7	20.0	50.0		103	70-130					
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.76		8.00		96.9	70-130					
Matrix Spike (2414064-MS2)				Source:	E404028-0	01	Prepared: 0	04/04/24 Analyzed: 04/05/24			
Gasoline Range Organics (C6-C10)	54.6	20.0	50.0	ND	109	70-130					
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.76		8.00		97.0	70-130					
Matrix Spike Dup (2414064-MSD2)			<b>Source: E404028-01</b> Pr		Prepared: 0	4/04/24 Analy	zed: 04/05/24				
Gasoline Range Organics (C6-C10)	50.5	20.0	50.0	ND	101	70-130	7.82	20			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.73		8.00		96.6	70-130					



Devon Energy - CarlsbadProject Name:FLAGLER 8 CTB 1Reported:6488 7 Rivers HwyProject Number:01058-0007Artesia NM, 88210Project Manager:Gilbert Moreno4/11/2024 12:56:26PM

		Analyst: NV	
RPD	RPD Limit		
%	%	Notes	
Prepared: 0	04/05/24 An	alyzed: 04/08/24	
Prepared: 0	4/05/24 An	alyzed: 04/09/24	
Prepared: 0	4/05/24 An	alyzed: 04/09/24	
		M4	
Prepared: 0	4/05/24 Analyzed: 04/09/2		
7.00	20		
	% Prepared: 0 Prepared: 0 Prepared: 0	RPD Limit % %  Prepared: 04/05/24 And  Prepared: 04/05/24 And  Prepared: 04/05/24 And  Prepared: 04/05/24 And	



Matrix Spike (2414073-MS1)

Matrix Spike Dup (2414073-MSD1)

Chloride

Chloride

252

251

Prepared: 04/05/24 Analyzed: 04/05/24

Prepared: 04/05/24 Analyzed: 04/05/24

20

### **QC Summary Data**

Devon Energy - Carlsbad		Project Name:		LAGLER 8 C	TB 1				Reported:
6488 7 Rivers Hwy Artesia NM, 88210									4/11/2024 12:56:26PM
		Analyst: IY							
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2414073-BLK1)							Prepared: 0	4/05/24 A	nalyzed: 04/05/24
Chloride	ND	20.0							
LCS (2414073-BS1)							Prepared: 0	4/05/24 A	nalyzed: 04/05/24
Chloride	251	20.0	250		100	90-110			

250

250

20.0

20.0

Source: E404035-03

Source: E404035-03

101

100

80-120

80-120

0.410

ND

ND

#### QC Summary Report Comment:

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



#### **Definitions and Notes**

ſ	Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	
l	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
l	Artesia NM, 88210	Project Manager:	Gilbert Moreno	04/11/24 12:56

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

associated LCS spike recovery was acceptable.

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

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



lient: Devon Energy Production Co LP					TOT	Bill To		I		12	hlls	se On	ly		Т			TA	FPΔP	rogram	
	FLAGLER		action co			ention: Jim Raley		Lab	MO			Job		her		1D	2D	3D	Standard	CWA	SDWA
	Manager:		Aoreno			dress: 5315 Buena Vista Dr.		F (	ini	104	0	NIN	Cle.	-000			20	30	5 day TAT	-	35 1171
	: 13000 W				THE RESERVE AND ADDRESS OF THE PERSON NAMED IN COLUMN TWO IN COLUMN TO THE PERSON NAMED IN COLUM	y, State, Zip: Carlsbad, NM, 88	3220		10	10 1	_			nd Met							RCRA
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	132-305-6		,,,,,,			nail: jim.raley@dvn.com		1	115							5				State	
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2						Ident 10. HAFF 2100147700			0/0				0			5					
ollecte	d by: Edyt	e Konan						_	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			Z		¥			
Time	Date		No. of		Toronto		Lab	Depth(ft.)	GRO	by	by 8	als 6	ride			BGDOC		υ Σ			
Sampled	Sampled	Matrix	Containers			Sample ID	Number	Dept	TPH	BTE	VOC	Met	Cho			BGD	4	GDOC		Remarks	
11:50	04.03.24	S	1			BH03		0.5'													
11.50	04.03.24	3	1			риоз	l l	0.5								Х					
12:00	04.03.24	S	1			BH03	2	4'		un.						x					
	18=16-1							V	20					8/4				_			
														-							
											_										
	5-34	4																			
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								-									-				
-																					
Addition	nal Instru	tions:						10													
I, (field sam	pler), attest t	the validity	y and authen	icity of this s	ample. I am awai	e that tampering with or intentionally mis	slabelling the sam	ple loca	ation,	-		Sample	es requ	iring ther	mal pr	reserva	ition m	ust be n	eceived on ice the	day they are sar	npled or
date or time	e of collection	is considere	ed fraud and	may be groun	nds for legal actio	n. Sampled by: EK					187	receive	ed pack	ed in ice	at an a	avg ten	np abov	ve 0 but	less than 6 °C on	ubsequent days	
Relinquish	ed by: (Sign	iture)	Date	Date		Time	_						La	ab Us	se Or	nly					
	- Kyl	2	041	06/2024	10:30	middle Cent	4-4:	U	10	30		Rece	eive	d on ic	e:	R	)/N	1			
Relinquish	ed by: (Sign	(ure)	Date		Time	Received by: (Signature)	Date		Time							$\sim$					
Mic	Ille	Serl	14	424	1547	CIndrew MS	0 U-U	M	1	73	0	T1				T2			T3		
	ed by: (Sign	ture)	Date		Time	Received by: (Signature)	Date		Time							1					
In	drew	48	80 4	4-24	2330	WS:	19151	24	0(	230	)	AVG	Ter	np °C_							
Sample Ma	trix: <b>S</b> - Soil, <b>S</b>	d - Solid, Sg	- Sludge, A - A	Aqueous, O -	Other		Containe	r Type	e: g -	glass,	p - p	oly/p	lasti	c, ag -	amb	er gl	ass, v	v - VC	A		
Note: Sam	ples are dis	arded 30 d	days after re	sults are re	ported unless o	her arrangements are made. Hazaro	dous samples wi	ll be re	eturne	d to cl	lient o	or disp	osed	of at th	e clie	ent ex	pense	. The	report for the	analysis of t	ne above

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

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

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

II MC ICCCIVC	terre no response concerning these nems within 24 nours of the unit of this nours, an the samples will be analysed as requested.					
Client:	Devon Energy - Carlsbad	Date Received:	04/05/24 06:30	Work Order ID:	E404040	
Phone:	(575) 748-0176	Date Logged In:	04/04/24 16:38	Logged In By:	Angelina Pineda	
Email:	Devon-team@etechenv.com	Due Date:	04/11/24 17:00 (4 day TAT)			

Chem.								
Phone:	(575) 748-0176	Date Logged In:	04/04/24			Logged In By:	Angelina Pineda	
Email:	Devon-team@etechenv.com	Due Date:	04/11/24	17:00 (4 day TAT)				
	Custody (COC)							
	he sample ID match the COC?		Yes					
2. Does t	he number of samples per sampling site location ma	atch the COC	Yes					
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: C	<u>Courier</u>			
4. Was th	e COC complete, i.e., signatures, dates/times, reque	ested analyses?	Yes					
5. Were a	all samples received within holding time?		Yes					
	Note: Analysis, such as pH which should be conducted					Commen	ts/Resolution	
	i.e, 15 minute hold time, are not included in this disucss	ion.		ı	·	<u> </u>		-
	Turn Around Time (TAT)		V					
	e COC indicate standard TAT, or Expedited TAT?		Yes					
Sample (								
7. Was a	sample cooler received?		Yes					
8. If yes,	was cooler received in good condition?		Yes					
9. Was th	e sample(s) received intact, i.e., not broken?		Yes					
10. Were	custody/security seals present?		No					
11. If yes	, were custody/security seals intact?		NA					
12 Was ti	ne 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 a		100					
13. If no	minutes of sampling visible ice, record the temperature. Actual sampl	e temperature: 4°0	<u>c</u>					
	Container							
	equeous VOC samples present?		No					
	/OC samples collected in VOA Vials?		NA					
	head space less than 6-8 mm (pea sized or less)?		NA					
	a trip blank (TB) included for VOC analyses?		NA					
	con-VOC samples collected in the correct containers	<b>.</b> ?	Yes					
	appropriate volume/weight or number of sample conta		Yes					
		mens concentra.	105					
Field La	field sample labels filled out with the minimum inf	`ormation:						
	sample ID?	Officiation	Yes					
	Date/Time Collected?		Yes	Į				
	Collectors name?		Yes					
Sample l	Preservation_							
	the COC or field labels indicate the samples were p	reserved?	No					
	ample(s) correctly preserved?		NA					
	filteration required and/or requested for dissolved	metals?	No					
	•							
	ase Sample Matrix	nea?	<b>N</b> T-					
	the sample have more than one phase, i.e., multiph		No					
-	, does the COC specify which phase(s) is to be ana	yzea?	NA					
	ract Laboratory							
28. Are s	amples required to get sent to a subcontract laborate	ory?	No					
29. Was a	a subcontract laboratory specified by the client and	if so who?	NA	Subcontract Lab	: NA			
Client I	nstruction							
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1						,		1
1								1
	······································							

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

envirotech Inc.

Report to:
Gilbert Moreno







5796 U.S. Hwy 64 Farmington, NM 87401

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





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Practical Solutions for a Better Tomorrow

## **Analytical Report**

Devon Energy - Carlsbad

Project Name: FLAGLER 8 CTB 1

Work Order: E404072

Job Number: 01058-0007

Received: 4/10/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 4/16/24

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

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

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

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

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

Date Reported: 4/16/24

Gilbert Moreno 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: FLAGLER 8 CTB 1

Workorder: E404072

Date Received: 4/10/2024 10:05:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/10/2024 10:05:00AM, under the Project Name: FLAGLER 8 CTB 1.

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

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

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

**Alexa Michaels** 

Sample Custody Officer Office: 505-632-1881

labadmin@envirotech-inc.com

Field Offices:

**Southern New Mexico Area** 

Lynn Jarboe

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

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Golzales

Client Representative
Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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### **Sample Summary**

_				
Γ	Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
l	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
l	Artesia NM, 88210	Project Manager:	Gilbert Moreno	04/16/24 12:02

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH03 7'	E404072-01A	Soil	04/08/24	04/10/24	Glass Jar, 2 oz.



## **Sample Data**

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/16/2024 12:02:07PM

#### BH03 7' E404072-01

		E-10-10/2-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	Analyst: BA			Batch: 2415035
Benzene	mg/kg ND	0.0250	1	04/10/24	04/11/24	
Ethylbenzene	ND	0.0250	1	04/10/24	04/11/24	
Toluene	ND	0.0250	1	04/10/24	04/11/24	
o-Xylene	ND	0.0250	1	04/10/24	04/11/24	
p,m-Xylene	ND	0.0500	1	04/10/24	04/11/24	
Total Xylenes	ND	0.0250	1	04/10/24	04/11/24	
Surrogate: 4-Bromochlorobenzene-PID		96.8 %	70-130	04/10/24	04/11/24	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	Anal	Analyst: BA		Batch: 2415035
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/10/24	04/11/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.1 %	70-130	04/10/24	04/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	Anal	yst: KM		Batch: 2416012
Diesel Range Organics (C10-C28)	ND	25.0	1	04/15/24	04/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/15/24	04/16/24	
Surrogate: n-Nonane		119 %	50-200	04/15/24	04/16/24	
Anions by EPA 300.0/9056A		mg/kg	Anal	yst: WF		Batch: 2415042
Chloride	ND	20.0	1	04/10/24	04/12/24	



Devon Energy - Carlsbad FLAGLER 8 CTB 1 Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Gilbert Moreno 4/16/2024 12:02:07PM **Volatile Organics by EPA 8021B** Analyst: BA Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2415035-BLK1) Prepared: 04/10/24 Analyzed: 04/11/24 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.66 8.00 95.8 70-130 LCS (2415035-BS1) Prepared: 04/10/24 Analyzed: 04/11/24 4.83 96.5 70-130 5.00 Benzene 0.0250 Ethylbenzene 4.87 0.0250 5.00 97.4 70-130 4.95 0.0250 5.00 99.1 70-130 Toluene o-Xylene 4.97 0.0250 5.00 99.4 70-130 9.96 10.0 70-130 0.0500 p.m-Xvlene 99.5 70-130 14.9 15.0 Total Xylenes 0.0250 8.00 96.9 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.76 Source: E404072-01 Matrix Spike (2415035-MS1) Prepared: 04/10/24 Analyzed: 04/11/24 4.80 0.0250 5.00 ND 54-133 Benzene ND 61-133 Ethylbenzene 4.80 0.0250 5.00 96.0 Toluene 4.90 0.0250 5.00 ND 98.0 61-130 4.91 ND 98.3 63-131 5.00 0.0250 o-Xylene p,m-Xylene 9.79 0.0500 10.0 ND 97.9 63-131 0.0250 15.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.67 8.00 Matrix Spike Dup (2415035-MSD1) Source: E404072-01 Prepared: 04/10/24 Analyzed: 04/11/24 5.11 0.0250 5.00 ND 102 54-133 6.34

ND

ND

ND

ND

ND

103

105

105

105

105

97.1

5.00

5.00

5.00

10.0

15.0

8.00

5.13

5.23

5.25

10.5

15.7

7.77

0.0250

0.0250

0.0250

0.0500

0.0250

61-133

61-130

63-131

63-131

63-131

70-130

6.57

6.62

6.63

6.70

6.68

20

20

20

20

20



Ethylbenzene

Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

## **QC Summary Data**

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	•
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/16/2024 12:02:07PM

Artesia NM, 88210		Project Manager		lbert Moreno				4/	16/2024 12:02:07PI
	Nor	halogenated	Organics l	by EPA 801	15D - Gl	RO			Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2415035-BLK1)							Prepared: 0	4/10/24 Ana	lyzed: 04/11/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.30		8.00		91.2	70-130			
LCS (2415035-BS2)							Prepared: 0	4/10/24 Ana	lyzed: 04/11/24
Gasoline Range Organics (C6-C10)	39.6	20.0	50.0		79.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.36		8.00		92.0	70-130			
Matrix Spike (2415035-MS2)				Source:	E404072-	01	Prepared: 0	4/10/24 Ana	lyzed: 04/11/24
Gasoline Range Organics (C6-C10)	43.3	20.0	50.0	ND	86.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.9	70-130			
Matrix Spike Dup (2415035-MSD2)				Source:	E404072-	01	Prepared: 0	4/10/24 Ana	lyzed: 04/11/24
Gasoline Range Organics (C6-C10)	45.4	20.0	50.0	ND	90.9	70-130	4.73	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.8	70-130			

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	-
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/16/2024 12:02:07PM

Artesia NM, 88210		Project Manager	r: G1	lbert Moreno				4	1/16/2024 12:02:0/PN
	Nonha	logenated Or	ganics by l	EPA 8015I	) - DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2416012-BLK1)							Prepared: 0	4/15/24 An	nalyzed: 04/15/24
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	59.2		50.0		118	50-200			
LCS (2416012-BS1)							Prepared: 0	4/15/24 An	nalyzed: 04/16/24
Diesel Range Organics (C10-C28)	307	25.0	250		123	38-132			
urrogate: n-Nonane	57.2		50.0		114	50-200			
Matrix Spike (2416012-MS1)				Source:	E404074-	02	Prepared: 0	4/15/24 An	alyzed: 04/16/24
Diesel Range Organics (C10-C28)	308	25.0	250	ND	123	38-132			
urrogate: n-Nonane	59.0		50.0		118	50-200			
Matrix Spike Dup (2416012-MSD1)				Source:	E404074-	02	Prepared: 0	4/15/24 An	nalyzed: 04/16/24
Diesel Range Organics (C10-C28)	311	25.0	250	ND	124	38-132	1.20	20	
Jurrogate: n-Nonane	58.7		50.0		117	50-200			

Chloride

#### **QC Summary Data**

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		LAGLER 8 C 1058-0007	ТВ 1				Reported:
Artesia NM, 88210		Project Manager		ilbert Moreno					4/16/2024 12:02:07PM
		Anions	by EPA	300.0/9056	1				Analyst: WF
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2415042-BLK1)							Prepared: 0-	4/10/24 A	nalyzed: 04/11/24
Chloride	ND	20.0							
LCS (2415042-BS1)							Prepared: 0	4/10/24 A	nalyzed: 04/11/24
Chloride	250	20.0	250		100	90-110			
Matrix Spike (2415042-MS1)				Source:	E404066-	02	Prepared: 0	4/10/24 A	nalyzed: 04/11/24
Chloride	251	20.0	250	ND	101	80-120			
Matrix Spike Dup (2415042-MSD1)				Source:	E404066-	02	Prepared: 0	4/10/24 A	nalyzed: 04/11/24

250

20.0

104

80-120

3.44

20

#### QC Summary Report Comment:

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



## **Definitions and Notes**

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Gilbert Moreno	04/16/24 12:02

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



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	FLAGLER				Att	ention: Jim R	Raley		Lab	WO#	‡				Number Number		1D	2D	3D	Standard	CWA	SDWA
Project N	Manager:	Gilbert N	Noreno		Ad	dress: 5315 B	Buena Vista Dr.		EL	10L	10	12	DIO	ESK.	SOU	H				5 day TAT		
Address	13000 W	County	Rd 100		Cit	y, State, Zip:	Carlsbad, NM, 882	20					Analy	sis a	nd Me	thoc	b					RCRA
City, Sta	te, Zip_O	dessa,TX,	79765		Ph	one: 575-885	-7502															
hone: 4	32-305-6	414			Em	ail: jim.raley	@dvn.com			3015											State	
mail: D	evon-tear	n@etech	nenv.com		W	0: 21179750				by			100							NM CO	UT AZ	TX
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ollecte	d by: Edyt	e Konan							1	30/0	y 80	/ 826	601	le 30		4				×		
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			верос		GDOC		Remarks	
10:40	04.08.24	S	1			BH03		I	7'	-			-				х					
10.40	04.05.24	3				DI103			1								^					
														-								
							. 2194															
							04/09/24															
									-													
Addition	al Instru	ctions:							Vine Control													
I, (field sam	pler), attest to	o the validity	y and authen	ticity of this s	ample. I am awar	e that tampering v	with or intentionally mislab	elling the sam	ple loca	ation,			1							eived on ice the da		pled or
Market Service Control of the Contro			d fraud and	may be groun	ds for legal action		mpled by: EK	T-		1			receive	е раск	ed in ice	at an	2	1152		ss than 6 °C on sub	sequent days.	
£	ed by: (Signi		04)	109/24	09°,00	Miche	le Gonzales	14-9-2	4	Time	900	۵	Rece	eived	d on i	ce:	-	N N	e Only	У		
Relinquish	ed by: (Sign	ature) 1 1 0 m	Date 4	9-24	Time 1622	Received by:	(signature)	Oate U.Q.	1,4	Time	71.	5	T1				T2			T3		
Relinquish	ed by: (Signa	ature)	Date		Time	Received by:	Signature)	Date /	11	Time	~		1			- (	4			- 13		
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				Aqueous, O - (		•		Containe														
							nts are made. Hazardou ne liability of the laborat									ne clie	ent ex	pense	. The r	eport for the a	nalysis of th	e above



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Page 11

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

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	04/10/24	10:05		Work Order ID:	E404072
Phone:	(575) 748-0176	Date Logged In:	04/10/24	10:05		Logged In By:	Alexa Michaels
Email:	Devon-team@etechenv.com	Due Date:		17:00 (4 day TAT)		88	
Chain of	Custody (COC)						
1. Does th	ne sample ID match the COC?		Yes				
	ne number of samples per sampling site location ma	tch the COC	Yes				
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: C	Courier		
4. Was the	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes				
5. Were a	Il samples received within holding time?	·	Yes				
	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssis.					Comments	s/Resolution
Sample T	urn Around Time (TAT)						
	COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C	· •						
_	sample cooler received?		Yes				
	was cooler received in good condition?		Yes				
•	e sample(s) received intact, i.e., not broken?		Yes				
	custody/security seals present?						
			No				
•	were custody/security seals intact?		NA				
12. Was th	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples ar minutes of sampling		Yes				
13. If no v	visible ice, record the temperature.  Actual sample	temperature: 4°0	<u>C</u>				
Sample C	<u>Container</u>						
14. Are a	queous VOC samples present?		No				
15. Are V	OC samples collected in VOA Vials?		NA				
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA				
17. Was a	trip blank (TB) included for VOC analyses?		NA				
18. Are no	on-VOC samples collected in the correct containers	?	Yes				
19. Is the a	appropriate volume/weight or number of sample contain	ners collected?	Yes				
Field Lab	<u>oel</u>						
	field sample labels filled out with the minimum info	ormation:					
S	ample ID?		Yes				
	ate/Time Collected?		Yes				
C	ollectors name?		Yes				
	reservation						
	the COC or field labels indicate the samples were p	reserved?	No				
	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved n	netals?	No				
<u>Multipha</u>	se Sample Matrix						
26. Does	the sample have more than one phase, i.e., multipha	se?	No				
27. If yes,	, does the COC specify which phase(s) is to be analy	yzed?	NA				
Subcontr	act Laboratory						
	amples required to get sent to a subcontract laborato	rv?	No				
	subcontract laboratory specified by the client and is	-	NA	Subcontract Lab	o: NA		
Chent II	<u>istruction</u>						

Report to:
Gilbert Moreno







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: E404071

Job Number: 01058-0007

Received: 4/10/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 4/15/24

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

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

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

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

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

Date Reported: 4/15/24

Gilbert Moreno 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: FLAGLER 8 CTB 1

Workorder: E404071

Date Received: 4/10/2024 10:00:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/10/2024 10:00:00AM, under the Project Name: FLAGLER 8 CTB 1.

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

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

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881

Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

**Alexa Michaels** 

Sample Custody Officer Office: 505-632-1881

labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe

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

G 11 505 220 4550

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Golzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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#### **Sample Summary**

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

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



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

#### BH04 0.5' E404071-01

		E-10-10/1-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: BA		Batch: 2415035
Benzene	ND	0.0250	1	04/10/24	04/11/24	
Ethylbenzene	ND	0.0250	1	04/10/24	04/11/24	
Toluene	ND	0.0250	1	04/10/24	04/11/24	
o-Xylene	ND	0.0250	1	04/10/24	04/11/24	
p,m-Xylene	ND	0.0500	1	04/10/24	04/11/24	
Total Xylenes	ND	0.0250	1	04/10/24	04/11/24	
Surrogate: 4-Bromochlorobenzene-PID		92.9 %	70-130	04/10/24	04/11/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: BA		Batch: 2415035
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/10/24	04/11/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.1 %	70-130	04/10/24	04/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2415054
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/24	04/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/24	04/12/24	
Surrogate: n-Nonane		100 %	50-200	04/11/24	04/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	/st: IY		Batch: 2415043
Chloride	33.3	20.0	1	04/10/24	04/11/24	



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

#### BH04 1'

#### E404071-02

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



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

#### BH04 4'

		E404071-03				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2415035
Benzene	ND	0.0250	1	04/10/24	04/11/24	
Ethylbenzene	ND	0.0250	1	04/10/24	04/11/24	
Toluene	ND	0.0250	1	04/10/24	04/11/24	
o-Xylene	ND	0.0250	1	04/10/24	04/11/24	
p,m-Xylene	ND	0.0500	1	04/10/24	04/11/24	
Total Xylenes	ND	0.0250	1	04/10/24	04/11/24	
Surrogate: 4-Bromochlorobenzene-PID		93.3 %	70-130	04/10/24	04/11/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2415035
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/10/24	04/11/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.3 %	70-130	04/10/24	04/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2415054
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/24	04/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/24	04/12/24	
Surrogate: n-Nonane		99.2 %	50-200	04/11/24	04/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2415043
Chloride	ND	20.0	1	04/10/24	04/11/24	



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

#### BH04 10'

		E404071-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2415035
Benzene	ND	0.0250	1	04/10/24	04/11/24	
Ethylbenzene	ND	0.0250	1	04/10/24	04/11/24	
Toluene	ND	0.0250	1	04/10/24	04/11/24	
o-Xylene	ND	0.0250	1	04/10/24	04/11/24	
p,m-Xylene	ND	0.0500	1	04/10/24	04/11/24	
Total Xylenes	ND	0.0250	1	04/10/24	04/11/24	
Surrogate: 4-Bromochlorobenzene-PID		93.2 %	70-130	04/10/24	04/11/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2415035
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/10/24	04/11/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.3 %	70-130	04/10/24	04/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2415054
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/24	04/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/24	04/12/24	
Surrogate: n-Nonane		100 %	50-200	04/11/24	04/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2415043
Chloride	ND	20.0	1	04/10/24	04/11/24	



		QC Si	umma	пу рас	a				
Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:	01	LAGLER 8 C .058-0007					Reported:
Artesia NM, 88210		Project Manager:	Gi	ilbert Moreno	1			4	4/15/2024 11:11:36AM
		Volatile O	rganics b	y EPA 802	21B				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2415035-BLK1)							Prepared: 0	4/10/24 Ar	nalyzed: 04/11/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
p-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.66		8.00		95.8	70-130			
LCS (2415035-BS1)							Prepared: 0	4/10/24 Ar	nalyzed: 04/11/24
Benzene	4.83	0.0250	5.00		96.5	70-130			
Ethylbenzene	4.87	0.0250	5.00		97.4	70-130			
Toluene	4.95	0.0250	5.00		99.1	70-130			
o-Xylene	4.97	0.0250	5.00		99.4	70-130			
o,m-Xylene	9.96	0.0500	10.0		99.6	70-130			
Total Xylenes	14.9	0.0250	15.0		99.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.76		8.00		96.9	70-130			
Matrix Spike (2415035-MS1)				Source:	E404072-	01	Prepared: 0	4/10/24 Ar	nalyzed: 04/11/24
Benzene	4.80	0.0250	5.00	ND	95.9	54-133			
Ethylbenzene	4.80	0.0250	5.00	ND	96.0	61-133			
Toluene	4.90	0.0250	5.00	ND	98.0	61-130			
o-Xylene	4.91	0.0250	5.00	ND	98.3	63-131			
o,m-Xylene	9.79	0.0500	10.0	ND	97.9	63-131			
Total Xylenes	14.7	0.0250	15.0	ND	98.0	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.67		8.00		95.9	70-130			
Matrix Spike Dup (2415035-MSD1)				Source:	E404072-	01	•		nalyzed: 04/11/24
Benzene	5.11	0.0250	5.00	ND	102	54-133	6.34	20	
Ethylbenzene	5.13	0.0250	5.00	ND	103	61-133	6.57	20	
Toluene	5.23	0.0250	5.00	ND	105	61-130	6.62	20	
o-Xylene	5.25	0.0250	5.00	ND	105	63-131	6.63	20	
p,m-Xylene	10.5	0.0500	10.0	ND	105	63-131	6.70	20	
Total Virlamas	15.7	0.0250	15.0	ND	105	62 121	6.69	20	



15.7

7.77

0.0250

15.0

8.00

ND

105

97.1

63-131

70-130

6.68

20

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

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

Artesia NM, 88210		Project Manage		lbert Moreno				4/1	5/2024 11:11:36AN
	Non	halogenated	Organics l	oy EPA 801	15D - Gl	RO			Analyst: BA
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2415035-BLK1)							Prepared: 0	4/10/24 Anal	yzed: 04/11/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.30		8.00		91.2	70-130			
LCS (2415035-BS2)							Prepared: 0	4/10/24 Anal	yzed: 04/11/24
Gasoline Range Organics (C6-C10)	39.6	20.0	50.0		79.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.36		8.00		92.0	70-130			
Matrix Spike (2415035-MS2)				Source:	E404072-	01	Prepared: 0-	4/10/24 Anal	yzed: 04/11/24
Gasoline Range Organics (C6-C10)	43.3	20.0	50.0	ND	86.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.9	70-130			
Matrix Spike Dup (2415035-MSD2)				Source:	E404072-	01	Prepared: 0	4/10/24 Anal	yzed: 04/11/24
Gasoline Range Organics (C6-C10)	45.4	20.0	50.0	ND	90.9	70-130	4.73	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.8	70-130			



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

Artesia NM, 88210		Project Manager	r: Gi	lbert Moreno				4	/15/2024 11:11:36AF
	Nonha	logenated Or	ganics by	EPA 8015I	) - DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2415054-BLK1)							Prepared: 0	4/11/24 An	alyzed: 04/11/24
Diesel Range Organics (C10-C28)	ND	25.0							
il Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	57.6		50.0		115	50-200			
LCS (2415054-BS1)							Prepared: 0	4/11/24 An	alyzed: 04/11/24
Diesel Range Organics (C10-C28)	288	25.0	250		115	38-132			
urrogate: n-Nonane	54.3		50.0		109	50-200			
Matrix Spike (2415054-MS1)				Source:	E404069-0	01	Prepared: 0	4/11/24 An	alyzed: 04/12/24
Diesel Range Organics (C10-C28)	291	25.0	250	ND	116	38-132			
urrogate: n-Nonane	52.3		50.0		105	50-200			
Matrix Spike Dup (2415054-MSD1)				Source:	E404069-0	01	Prepared: 0	4/11/24 An	alyzed: 04/12/24
Diesel Range Organics (C10-C28)	287	25.0	250	ND	115	38-132	1.14	20	
urrogate: n-Nonane	52.1		50.0		104	50-200			

Devon Energy - Carlsbad		Project Name:	FI	LAGLER 8 C	TB 1				Reported:
6488 7 Rivers Hwy		Project Number:	01	058-0007					-
Artesia NM, 88210		Project Manager:	: G	ilbert Moreno					4/15/2024 11:11:36AM
		Anions	by EPA 3	300.0/9056 <i>£</i>	4				Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2415043-BLK1)							Prepared: 0	4/10/24 A	nalyzed: 04/10/24
Chloride	ND	20.0							
LCS (2415043-BS1)							Prepared: 0	4/10/24 A	nalyzed: 04/10/24
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2415043-MS1)				Source:	E404080-	02	Prepared: 0	4/10/24 A	nalyzed: 04/10/24
Chloride	326	20.0	250	72.9	101	80-120			
Matrix Spike Dup (2415043-MSD1)				Source:	E404080-	02	Prepared: 0	4/10/24 A	nalyzed: 04/10/24
Chloride	305	20.0	250	72.9	92.8	80-120	6.59	20	

#### QC Summary Report Comment:

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



## **Definitions and Notes**

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

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



roject: FLAGLER 8 CTB 1

lient: Devon Energy Production Co LP

roject Manager: Gilbert Moreno

ddress: 13000 W County Rd 100

Lab WO#

Lab Use Only

Job Number

F00035010

Analysis and Method

TAT

Standard

5 day TAT

3D

1D 2D

Bill To

Attention: Jim Raley

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.

Address: 5315 Buena Vista Dr.

City, State, Zip: Carlsbad, NM, 88220

**EPA Program** 

**SDWA** 

**RCRA** 

CWA

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ity, State, Zip_Odessa,TX, 79765	Ph	one: 57	75-885-7	502			1																		
hone: 4	132-305-6	114			En	ail: jim	n.raley@	dvn.com				8015											Sta		
mail: D	evon-tear	n@etech	env.com		W	D: 2117	79750					ρλ										NM C	O UT	AZ T	X
ollecte	d by: Edyt	e Konan			Inc	ident I	D: nAPP	210614776	0		(;	TPH GRO/DRO/ORO by 8015	8021	3260	010	300.0			ΣN	3	<u> </u>	×			
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID		Lab Number	Depth(ft.)	TPH GRO	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			верос	0	apoc		Rem	arks				
10:50	04.08.24	S	1			вно	04			1	0.5'								х						
11:00	04.08.24	S	1			вно	04			. 2	1'								х						
11:10	04.08.24	S	1			вно	04			3	4'								х						
11:20	04.08.24	S	1			вно	04			4	10'								X		_				
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Addition	nal Instruc	tions:																							
And the second second	*	CONTRACTOR CONTRACTOR			ample. I am awa			h or intentional	lly mislabe	lling the samp	ole loca	tion,										ed on ice the than 6 °C on			or
	ed by: (Signa	0.000	Date	;OD	Time 04/09/24	Receiv	red by: (Sig		ales	Date 4-9-2	4	Time	900	,	Rece	eived	on ic	ce:	Lab N/	Use	Only				
Relinquish	ed by: (Signa	ture)	Date 4-	9.24	Time 1622	Rece	ed by:	gnature)	MAN	Date 4.q.1		Time	7/5		T1				T2			<u>T3</u>			
	ed by: (Signa		Date	9.24	7530	Receiv	ved by: (Sign	nature	L	4/10/2	24	Time	00			Tem	p°C_	L	+						
Sample Mat	trix: S - Soil, So	- Solid, Sg -			Other		7	-	- 4	Container	Туре	:g-g	glass,					amb	er glas	s, v -	VOA				
Note: Sam	ples are disc	arded 30 d	ays after re	sults are re	ported unless o	her arra	ngements	are made. H								_						ort for the	analysis	of the a	bove



e. The report for the analysis of the above

envirotech

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

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

			,				
Client:	Devon Energy - Carlsbad	Date Received:	04/10/24	10:00		Work Order ID:	E404071
Phone:	(575) 748-0176	Date Logged In:	04/10/24	10:00		Logged In By:	Alexa Michaels
Email:	Devon-team@etechenv.com	Due Date:	04/16/24	17:00 (4 day TAT)			
1. Does th	Custody (COC) e sample ID match the COC? e number of samples per sampling site location manuples dropped off by client or carrier?	tch the COC	Yes Yes Yes	Carrier: <u>C</u>	Courier		
4. Was the	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes	_	<u> </u>		
	Were all samples received within holding time?  Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.		Yes			<u>Comment</u>	s/Resolution
	<u>urn Around Time (TAT)</u>						
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C 7. Was a s	doler ample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was the	e sample(s) received intact, i.e., not broken?		Yes				
	custody/security seals present?		No				
	were custody/security seals intact?		NA				
12. Was the	e sample received on ice? If yes, the recorded temp is 4°C Note: Thermal preservation is not required, if samples a minutes of sampling	re received w/i 15	Yes				
13. If no v	risible ice, record the temperature. Actual sample	e temperature: 4°0	<u> </u>				
Sample C							
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?	_	NA				
	on-VOC samples collected in the correct containers		Yes				
	appropriate volume/weight or number of sample contain	ners collected?	Yes				
Sa D	tel field sample labels filled out with the minimum informated ID? ate/Time Collected? collectors name?	ormation:	Yes Yes Yes				
Sample P	reservation		105				
	the COC or field labels indicate the samples were p	reserved?	No				
22. Are sa	mple(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved a	netals?	No				
Multipha	se Sample Matrix						
	the sample have more than one phase, i.e., multipha	ise?	No				
	does the COC specify which phase(s) is to be anal		NA				
Subcontr	act Laboratory						
	mples required to get sent to a subcontract laborator subcontract laboratory specified by the client and it	-	No NA	Subcontract Lab	o: NA		
Client In	struction						

Report to:
Gilbert Moreno







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: E404070

Job Number: 01058-0007

Received: 4/10/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 4/15/24

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

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

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

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

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

Date Reported: 4/15/24

Gilbert Moreno 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: FLAGLER 8 CTB 1

Workorder: E404070

Date Received: 4/10/2024 9:54:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/10/2024 9:54:00AM, under the Project Name: FLAGLER 8 CTB 1.

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

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

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881

Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

**Alexa Michaels** 

Sample Custody Officer Office: 505-632-1881

labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe

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

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Golzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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#### **Sample Summary**

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

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



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

#### BH05 0.5' E404070-01

	E404070-01				
	1 0				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: BA		Batch: 2415035
ND	0.0250	1	04/10/24	04/11/24	
ND	0.0250	1	04/10/24	04/11/24	
ND	0.0250	1	04/10/24	04/11/24	
ND	0.0250	1	04/10/24	04/11/24	
ND	0.0500	1	04/10/24	04/11/24	
ND	0.0250	1	04/10/24	04/11/24	
	94.9 %	70-130	04/10/24	04/11/24	
mg/kg	mg/kg	Anal	yst: BA		Batch: 2415035
ND	20.0	1	04/10/24	04/11/24	
	91.9 %	70-130	04/10/24	04/11/24	
mg/kg	mg/kg	Anal	yst: KM		Batch: 2415054
ND	25.0	1	04/11/24	04/12/24	
ND	50.0	1	04/11/24	04/12/24	
	103 %	50-200	04/11/24	04/12/24	
mg/kg	mg/kg	Anal	yst: WF		Batch: 2415042
ND	20.0	1	04/10/24	04/11/24	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result         Reporting           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           MD         0.0250           94.9 %         mg/kg           mg/kg         mg/kg           ND         20.0           91.9 %         mg/kg           ND         25.0           ND         50.0           103 %         mg/kg           mg/kg         mg/kg	Reporting           Result         Limit         Dilution           mg/kg         mg/kg         Anal           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           MD         0.0250         1           MD         20.0250         1           Mg/kg         mg/kg         Anal           ND         20.0         1           Mg/kg         mg/kg         Anal           ND         25.0         1           ND         50.0         1           103 %         50-200           mg/kg         mg/kg         Anal	Reporting           Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: BA           ND         0.0250         1         04/10/24           ND         0.0250         1         04/10/24           ND         0.0250         1         04/10/24           ND         0.0500         1         04/10/24           ND         0.0250         1         04/10/24           ND         0.0250         1         04/10/24           mg/kg         mg/kg         Analyst: BA           ND         20.0         1         04/10/24           mg/kg         mg/kg         Analyst: KM           ND         25.0         1         04/10/24           ND         50.0         1         04/11/24           ND         50.0         1         04/11/24           ND         50.0         1         04/11/24           Mg/kg         mg/kg         Analyst: KM	Reporting           Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: BA           ND         0.0250         1         04/10/24         04/11/24           ND         0.0250         1         04/10/24         04/11/24           ND         0.0250         1         04/10/24         04/11/24           ND         0.0500         1         04/10/24         04/11/24           ND         0.0250         1         04/10/24         04/11/24           ND         0.0250         1         04/10/24         04/11/24           mg/kg         mg/kg         Analyst: BA           ND         20.0         1         04/10/24         04/11/24           mg/kg         mg/kg         Analyst: KM           ND         25.0         1         04/10/24         04/11/24           ND         25.0         1         04/11/24         04/12/24           ND         50.0         1         04/11/24         04/12/24           ND         50.0         1         04/11/24         04/12/24           ND         50.0         1         04/11/24

## **Sample Data**

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

#### BH05 1'

		E404070-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: BA		Batch: 2415035
Benzene	ND	0.0250	1	04/10/24	04/11/24	
Ethylbenzene	ND	0.0250	1	04/10/24	04/11/24	
Toluene	ND	0.0250	1	04/10/24	04/11/24	
o-Xylene	ND	0.0250	1	04/10/24	04/11/24	
p,m-Xylene	ND	0.0500	1	04/10/24	04/11/24	
Total Xylenes	ND	0.0250	1	04/10/24	04/11/24	
Surrogate: 4-Bromochlorobenzene-PID		92.6 %	70-130	04/10/24	04/11/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: BA		Batch: 2415035
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/10/24	04/11/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.2 %	70-130	04/10/24	04/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2415054
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/24	04/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/24	04/12/24	
Surrogate: n-Nonane		103 %	50-200	04/11/24	04/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: WF		Batch: 2415042
Chloride	ND	20.0	1	04/10/24	04/11/24	



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

#### BH05 4'

		E404070-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2415035
Benzene	ND	0.0250	1	04/10/24	04/11/24	
Ethylbenzene	ND	0.0250	1	04/10/24	04/11/24	
Toluene	ND	0.0250	1	04/10/24	04/11/24	
o-Xylene	ND	0.0250	1	04/10/24	04/11/24	
o,m-Xylene	ND	0.0500	1	04/10/24	04/11/24	
Total Xylenes	ND	0.0250	1	04/10/24	04/11/24	
Surrogate: 4-Bromochlorobenzene-PID		92.3 %	70-130	04/10/24	04/11/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2415035
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/10/24	04/11/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.6 %	70-130	04/10/24	04/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2415054
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/24	04/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/24	04/12/24	
Surrogate: n-Nonane		98.3 %	50-200	04/11/24	04/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: WF		Batch: 2415042
Chloride	ND	20.0	1	04/10/24	04/11/24	



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

#### BH05 10' E404070-04

		E404070-04				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
	mg/kg	mg/kg		st: BA	<u> </u>	Batch: 2415035
Volatile Organics by EPA 8021B	ND	0.0250	1	04/10/24	04/11/24	Batch: 2413033
Benzene			1		04/11/24	
Ethylbenzene	ND	0.0250	1	04/10/24		
Toluene	ND	0.0250	1	04/10/24	04/11/24	
o-Xylene	ND	0.0250	1	04/10/24	04/11/24	
p,m-Xylene	ND	0.0500	1	04/10/24	04/11/24	
Total Xylenes	ND	0.0250	1	04/10/24	04/11/24	
Surrogate: 4-Bromochlorobenzene-PID		92.5 %	70-130	04/10/24	04/11/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: BA		Batch: 2415035
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/10/24	04/11/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.4 %	70-130	04/10/24	04/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2415054
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/24	04/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/24	04/12/24	
Surrogate: n-Nonane		104 %	50-200	04/11/24	04/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: WF		Batch: 2415042
Chloride	20.4	20.0	1	04/10/24	04/11/24	



Devon Energy - Carlsbad FLAGLER 8 CTB 1 Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Gilbert Moreno 4/15/2024 11:15:35AM **Volatile Organics by EPA 8021B** Analyst: BA Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2415035-BLK1) Prepared: 04/10/24 Analyzed: 04/11/24 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.66 8.00 95.8 70-130 LCS (2415035-BS1) Prepared: 04/10/24 Analyzed: 04/11/24 4.83 96.5 70-130 5.00 Benzene 0.0250 Ethylbenzene 4.87 0.0250 5.00 97.4 70-130 4.95 0.0250 5.00 99.1 70-130 Toluene o-Xylene 4.97 0.0250 5.00 99.4 70-130 9.96 10.0 70-130 0.0500 p.m-Xvlene 99.5 70-130 14.9 15.0 Total Xylenes 0.0250 8.00 96.9 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.76 Source: E404072-01 Matrix Spike (2415035-MS1) Prepared: 04/10/24 Analyzed: 04/11/24 4.80 0.0250 5.00 ND 95.9 54-133 Benzene ND 61-133 Ethylbenzene 4.80 0.0250 5.00 96.0 Toluene 4.90 0.0250 5.00 ND 98.0 61-130 4.91 ND 98.3 63-131 5.00 0.0250 o-Xylene p,m-Xylene 9.79 0.0500 10.0 ND 97.9 63-131 0.0250 15.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.67 8.00 Matrix Spike Dup (2415035-MSD1) Source: E404072-01 Prepared: 04/10/24 Analyzed: 04/11/24 5.11 0.0250 5.00 ND 102 54-133 6.34 ND 61-133 6.57 5.13 0.0250 5.00 103 20 Ethylbenzene 61-130 Toluene 5.23 0.0250 5.00 ND 105 6.62 20 5.25 5.00 ND 105 63-131 6.63 20 o-Xylene 0.0250 10.5 10.0 ND 105 63-131 6.70 20

0.0500

0.0250

15.0

8.00

ND

105

97.1

63-131

70-130

6.68

20

15.7

7.77



p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

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

Artesia NM, 88210		Project Manager		lbert Moreno				4/1	5/2024 11:15:35A
	Non	halogenated	Organics l	by EPA 80	15D - Gl	RO			Analyst: BA
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2415035-BLK1)							Prepared: 0-	4/10/24 Anal	yzed: 04/11/24
Gasoline Range Organics (C6-C10)	ND	20.0							-
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.30		8.00		91.2	70-130			
LCS (2415035-BS2)							Prepared: 0	4/10/24 Anal	yzed: 04/11/24
Gasoline Range Organics (C6-C10)	39.6	20.0	50.0		79.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.36		8.00		92.0	70-130			
Matrix Spike (2415035-MS2)				Source:	E404072-	01	Prepared: 04	4/10/24 Anal	yzed: 04/11/24
Gasoline Range Organics (C6-C10)	43.3	20.0	50.0	ND	86.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.9	70-130			
Matrix Spike Dup (2415035-MSD2)				Source:	E404072-	01	Prepared: 0	4/10/24 Anal	yzed: 04/11/24
Gasoline Range Organics (C6-C10)	45.4	20.0	50.0	ND	90.9	70-130	4.73	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.8	70-130			

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

Artesia NM, 88210		Project Manage	r: Gi	lbert Moreno				4/.	15/2024 11:15:35Al
	Nonha	logenated Or	ganics by l	EPA 8015I	) - DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2415054-BLK1)							Prepared: 0	4/11/24 Ana	lyzed: 04/11/24
Diesel Range Organics (C10-C28)	ND	25.0							
il Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	57.6		50.0		115	50-200			
LCS (2415054-BS1)							Prepared: 0	4/11/24 Ana	lyzed: 04/11/24
Diesel Range Organics (C10-C28)	288	25.0	250		115	38-132			
urrogate: n-Nonane	54.3		50.0		109	50-200			
Matrix Spike (2415054-MS1)				Source:	E404069-	01	Prepared: 0	4/11/24 Ana	lyzed: 04/12/24
Diesel Range Organics (C10-C28)	291	25.0	250	ND	116	38-132			
urrogate: n-Nonane	52.3		50.0		105	50-200			
Matrix Spike Dup (2415054-MSD1)				Source:	E404069-	01	Prepared: 0	4/11/24 Ana	lyzed: 04/12/24
Diesel Range Organics (C10-C28)	287	25.0	250	ND	115	38-132	1.14	20	
urrogate: n-Nonane	52.1		50.0		104	50-200			



#### **QC Summary Data**

Devon Energy - Carlsbad		Project Name:		LAGLER 8 C	ТВ 1				Reported:
6488 7 Rivers Hwy Artesia NM, 88210		Project Number: Project Manager:		1058-0007 ilbert Moreno					4/15/2024 11:15:35AM
		Anions	by EPA	300.0/9056	<b>A</b>				Analyst: WF
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2415042-BLK1)							Prepared: 0	4/10/24 <i>A</i>	Analyzed: 04/11/24
Chloride	ND	20.0							
LCS (2415042-BS1)							Prepared: 0	4/10/24 A	Analyzed: 04/11/24
Chloride	250	20.0	250		100	90-110			
Matrix Spike (2415042-MS1)				Source:	E404066-	02	Prepared: 0	4/10/24 A	Analyzed: 04/11/24
Chloride	251	20.0	250	ND	101	80-120			
Matrix Spike Dup (2415042-MSD1)				Source:	E404066-	02	Prepared: 0	4/10/24 A	Analyzed: 04/11/24
Chloride	260	20.0	250	ND	104	80-120	3.44	20	

#### QC Summary Report Comment:

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



## **Definitions and Notes**

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

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



roject: FLAGLER 8 CTB 1

hone: 432-305-6414

collected by: Edyte Konan

Date

Sampled

04.08.24

04.08.24

04.08.24

04.08.24

Sampled

11:30

11:40

11:50

12:00

Client: Devon Energy Production Co LP

roject Manager: Gilbert Moreno

ddress: 13000 W County Rd 100

City, State, Zip\_Odessa, TX, 79765

mail: Devon-team@etechenv.com

Matrix

S

S

S

S

No. of

Containers

1

1

1

1

Lab WO#

E404070

TPH GRO/DRO/ORO by 8015

Depth(ft.)

0.5

1'

4'

10'

Lab

Number

3

BTEX by 8021 VOC by 8260 Metals 6010

Lab Use Only

Job Number

Chloride 300.0

Analysis and Method

TAT

Standard

5 day TAT

3D

1D 2D

Σ

BGDOC

X

X

X

X

Bill To

Attention: Jim Raley

Phone: 575-885-7502

WO: 21179750

Sample ID

**BH05** 

BH05

**BH05** 

**BH05** 

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.

Email: jim.raley@dvn.com

Incident ID: nAPP2106147760

Address: 5315 Buena Vista Dr.

City, State, Zip: Carlsbad, NM, 88220

**EPA Program** 

SDWA

**RCRA** 

CWA

State

Remarks

NM CO UT AZ TX

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Additional Instructions:										
I, (field sampler), attest to the validity and a	The state of the s	70 -5 -5 -5	that tampering with or intentionally mislabe	elling the sample loca	ation,	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 0/1/09/24	7 ime 09;00	Received by: (Signature) Withele Gorgales	Date 4-9.14	10900	Received on ice: (Y) N				
Relinquished by: (Signature)  Mishelle Gonzales	Date 4-9-14	Time 1422	Received by (fignature)	9.9.24	1715	<u>T1 T2 T3                                </u>				
Reling (shed by (Signature)	Y.q.74	1230	Received by: (Signature)	4/10/24	11mg 954	AVG Temp °C				
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 a	fter results are rep	orted unless other	er arrangements are made. Hazardous	samples will be re	eturned to client o	or disposed of at the client expense. The report for the analysis of the above				

- 04/09/24

e. The report for the analysis of the above

Printed: 4/10/2024 2:00:27PM

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	04/10/24	09:54		Work Order ID:	E404070
Phone:	(575) 748-0176	Date Logged In:	04/10/24	09:56		Logged In By:	Alexa Michaels
Email:			04/16/24 17:00 (4 day TAT)			_ · 88 · · · <b>,</b> ·	
Chain of	Custody (COC)						
1. Does th	ne sample ID match the COC?		Yes				
2. Does th	ne number of samples per sampling site location ma	tch the COC	Yes				
3. Were samples dropped off by client or carrier?			Yes	Carrier: C	Courier		
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?			Yes	_			
5. Were a	Il samples received within holding time?		Yes				
	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssis.					Comments	s/Resolution
Sample T	Turn Around Time (TAT)	on.					
	COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C	· •		105				
	sample cooler received?		Yes				
	was cooler received in good condition?		Yes				
•	e sample(s) received intact, i.e., not broken?						
			Yes				
	custody/security seals present?		No				
•	, were custody/security seals intact?		NA				
12. Was th	e sample received on ice? If yes, the recorded temp is 4°C,		Yes				
	Note: Thermal preservation is not required, if samples ar minutes of sampling	e received w/1 15					
13. If no	visible ice, record the temperature. Actual sample	temperature: 4°	С				
	Container .	• —					
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers	?	Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field Lal							
	field sample labels filled out with the minimum info	ormation:					
	ample ID?		Yes				
	ate/Time Collected?		Yes				
	ollectors name?		Yes				
	Preservation						
	the COC or field labels indicate the samples were pr	reserved?	No				
	ample(s) correctly preserved?	. 1.0	NA				
	filteration required and/or requested for dissolved n	netais?	No				
	se Sample Matrix						
	the sample have more than one phase, i.e., multipha		No				
27. If yes	, does the COC specify which phase(s) is to be analy	yzed?	NA				
Subcontr	act Laboratory						
28. Are sa	amples required to get sent to a subcontract laborato	ry?	No				
29. Was a	subcontract laboratory specified by the client and is	f so who?	NA	Subcontract Lab	o: NA		
Client Ir	struction						
-							

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

Report to:
Gilbert Moreno







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: E404069

Job Number: 01058-0007

Received: 4/10/2024

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 4/16/24

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

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

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

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

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

Date Reported: 4/16/24

Gilbert Moreno 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: FLAGLER 8 CTB 1

Workorder: E404069

Date Received: 4/10/2024 9:50:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/10/2024 9:50:00AM, under the Project Name: FLAGLER 8 CTB 1.

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

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

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

**Alexa Michaels** 

Sample Custody Officer Office: 505-632-1881

labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe

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

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Golzales

Client Representative
Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com



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## Sample Summary

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Donoutoda
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Gilbert Moreno	04/16/24 15:35

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



Devon Energy - CarlsbadProject Name:FLAGLER 8 CTB 16488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Gilbert Moreno4/16/2024 3:35:35PM

## BH06 0.5' E404069-01

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



Devon Energy - CarlsbadProject Name:FLAGLER 8 CTB 16488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Gilbert Moreno4/16/2024 3:35:35PM

#### BH06 1'

#### E404069-02

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: F	RAS		Batch: 2415034
Benzene	ND	0.0250	1		04/10/24	04/12/24	
Ethylbenzene	ND	0.0250	1		04/10/24	04/12/24	
Toluene	ND	0.0250	1		04/10/24	04/12/24	
o-Xylene	ND	0.0250	1		04/10/24	04/12/24	
p,m-Xylene	ND	0.0500	1		04/10/24	04/12/24	
Total Xylenes	ND	0.0250	1		04/10/24	04/12/24	
Surrogate: Bromofluorobenzene		107 %	70-130		04/10/24	04/12/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		04/10/24	04/12/24	
Surrogate: Toluene-d8		103 %	70-130		04/10/24	04/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: RAS			Batch: 2415034
Gasoline Range Organics (C6-C10)	ND	20.0	1		04/10/24	04/12/24	
Surrogate: Bromofluorobenzene		107 %	70-130		04/10/24	04/12/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		04/10/24	04/12/24	
Surrogate: Toluene-d8		103 %	70-130		04/10/24	04/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: K	ζM		Batch: 2415054
Diesel Range Organics (C10-C28)	ND	25.0	1		04/11/24	04/12/24	_
Oil Range Organics (C28-C36)	ND	50.0	1		04/11/24	04/12/24	
Surrogate: n-Nonane		101 %	50-200		04/11/24	04/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: V	WF		Batch: 2415042
11110115 6 1 111110 0010 00 0011							



Devon Energy - CarlsbadProject Name:FLAGLER 8 CTB 16488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Gilbert Moreno4/16/20243:35:35PM

### BH06 4' E404069-03

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



Devon Energy - CarlsbadProject Name:FLAGLER 8 CTB 16488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Gilbert Moreno4/16/2024 3:35:35PM

## BH06 10'

		E404069-04					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RAS			Batch: 2415034
Benzene	ND	0.0250		1	04/10/24	04/12/24	
Ethylbenzene	ND	0.0250		1	04/10/24	04/12/24	
Toluene	ND	0.0250		1	04/10/24	04/12/24	
o-Xylene	ND	0.0250		1	04/10/24	04/12/24	
p,m-Xylene	ND	0.0500		1	04/10/24	04/12/24	
Total Xylenes	ND	0.0250		1	04/10/24	04/12/24	
Surrogate: Bromofluorobenzene		107 %	70-130		04/10/24	04/12/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		04/10/24	04/12/24	
Surrogate: Toluene-d8		103 %	70-130		04/10/24	04/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RAS			Batch: 2415034
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/10/24	04/12/24	
Surrogate: Bromofluorobenzene		107 %	70-130		04/10/24	04/12/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		04/10/24	04/12/24	
Surrogate: Toluene-d8		103 %	70-130		04/10/24	04/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2415054
Diesel Range Organics (C10-C28)	ND	25.0	•	1	04/11/24	04/12/24	
Oil Range Organics (C28-C36)	ND	50.0		1	04/11/24	04/12/24	
Surrogate: n-Nonane		104 %	50-200		04/11/24	04/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2415042
Chloride	ND	20.0		1	04/10/24	04/11/24	



Devon Energy - Carlsbad Project Name: FLAGLER 8 CTB 1 Reported:

6488 7 Rivers Hwy Project Number: 01058-0007

Artesia NM, 88210 Project Manager: Gilbert Moreno 4/16/2024 3:35:35PM

Artesia NM, 88210		Project Manage	r: Gi	ilbert Moreno				4/1	6/2024 3:35:35PN	
	V	olatile Organ	ic Compo	unds by EP.	A 82601	В		I	Analyst: RAS	
Analyte		Reporting	Spike	Source		Rec		RPD		
,	Result	Limit	Level	Result	Rec	Limits	RPD	Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2415034-BLK1)							Prepared: 04/10/24 Analyzed: 04/12/24			
Benzene	ND	0.0250								
Ethylbenzene	ND	0.0250								
Toluene	ND	0.0250								
o-Xylene	ND	0.0250								
p,m-Xylene	ND	0.0500								
Total Xylenes	ND	0.0250								
Surrogate: Bromofluorobenzene	0.521		0.500		104	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.8	70-130				
Surrogate: Toluene-d8	0.491		0.500		98.2	70-130				
LCS (2415034-BS1)							Prepared: 0	4/10/24 Anal	yzed: 04/12/24	
Benzene	2.51	0.0250	2.50		100	70-130				
Ethylbenzene	2.46	0.0250	2.50		98.4	70-130				
Foluene	2.36	0.0250	2.50		94.5	70-130				
o-Xylene	2.52	0.0250	2.50		101	70-130				
p,m-Xylene	4.96	0.0500	5.00		99.2	70-130				
Total Xylenes	7.48	0.0250	7.50		99.7	70-130				
Surrogate: Bromofluorobenzene	0.532		0.500		106	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.6	70-130				
Surrogate: Toluene-d8	0.501		0.500		100	70-130				
Matrix Spike (2415034-MS1)				Source: I	E <b>404067</b> -	03	Prepared: 0	4/10/24 Anal	yzed: 04/12/24	
Benzene	2.50	0.0250	2.50	ND	99.9	48-131				
Ethylbenzene	2.43	0.0250	2.50	ND	97.2	45-135				
Toluene	2.34	0.0250	2.50	ND	93.7	48-130				
o-Xylene	2.36	0.0250	2.50	ND	94.4	43-135				
o,m-Xylene	4.72	0.0500	5.00	ND	94.3	43-135				
Total Xylenes	7.07	0.0250	7.50	ND	94.3	43-135				
Surrogate: Bromofluorobenzene	0.504		0.500		101	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.6	70-130				
Surrogate: Toluene-d8	0.508		0.500		102	70-130				
Matrix Spike Dup (2415034-MSD1)				Source: I	E <b>404067</b> -	03	Prepared: 0	4/10/24 Anal	yzed: 04/12/24	
Benzene	2.26	0.0250	2.50	ND	90.3	48-131	10.1	23		
Ethylbenzene	2.39	0.0250	2.50	ND	95.7	45-135	1.60	27		
Toluene	2.37	0.0250	2.50	ND	94.8	48-130	1.23	24		
o-Xylene	2.46	0.0250	2.50	ND	98.5	43-135	4.27	27		
p,m-Xylene	5.32	0.0500	5.00	ND	106	43-135	12.0	27		
Total Xylenes	7.78	0.0250	7.50	ND	104	43-135	9.52	27		
Surrogate: Bromofluorobenzene	0.520		0.500		104	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.465		0.500		92.9	70-130				
			0.500		102	50 15°				



0.500

102

70-130

0.512

Surrogate: Toluene-d8

Devon Energy - CarlsbadProject Name:FLAGLER 8 CTB 1Reported:6488 7 Rivers HwyProject Number:01058-0007Artesia NM, 88210Project Manager:Gilbert Moreno4/16/20243:35:35PM

Nonhalogenated	Organics	by EPA	8015D -	GRO

Analyst: RAS

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

	resure				100				
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2415034-BLK1)							Prepared: 0	4/10/24 An	alyzed: 04/12/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.521		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.8	70-130			
Surrogate: Toluene-d8	0.491		0.500		98.2	70-130			
LCS (2415034-BS2)							Prepared: 0	4/10/24 An	alyzed: 04/12/24
Gasoline Range Organics (C6-C10)	50.2	20.0	50.0		100	70-130	·		
Surrogate: Bromofluorobenzene	0.529		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.468		0.500		93.6	70-130			
Surrogate: Toluene-d8	0.500		0.500		100	70-130			
Matrix Spike (2415034-MS2)				Source:	E404067-	03	Prepared: 0	4/10/24 An	alyzed: 04/12/24
Gasoline Range Organics (C6-C10)	57.5	20.0	50.0	ND	115	70-130			
Surrogate: Bromofluorobenzene	0.559		0.500		112	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.1	70-130			
Surrogate: Toluene-d8	0.561		0.500		112	70-130			
Matrix Spike Dup (2415034-MSD2)				Source: E404067-03		Prepared: 04/10/24		alyzed: 04/12/24	
Gasoline Range Organics (C6-C10)	48.8	20.0	50.0	ND	97.6	70-130	16.4	20	
Surrogate: Bromofluorobenzene	0.529		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.4	70-130			
Surrogate: Toluene-d8	0.501		0.500		100	70-130			



Devon Energy - CarlsbadProject Name:FLAGLER 8 CTB 1Reported:6488 7 Rivers HwyProject Number:01058-0007Artesia NM, 88210Project Manager:Gilbert Moreno4/16/20243:35:35PM

Artesia NW, 88210		Project Manager	r. Gi	ibert Moreno					710/2024 3.33.33FF
	Nonha	logenated Or	ganics by l	EPA 8015I	) - DRO	ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2415054-BLK1)							Prepared: 0	4/11/24 An	alyzed: 04/11/24
iesel Range Organics (C10-C28)	ND	25.0							
il Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	57.6		50.0		115	50-200			
CS (2415054-BS1)							Prepared: 0	4/11/24 An	alyzed: 04/11/24
iesel Range Organics (C10-C28)	288	25.0	250		115	38-132			
urrogate: n-Nonane	54.3		50.0		109	50-200			
Aatrix Spike (2415054-MS1)				Source:	E404069-0	01	Prepared: 0	4/11/24 An	alyzed: 04/12/24
iesel Range Organics (C10-C28)	291	25.0	250	ND	116	38-132			
urrogate: n-Nonane	52.3		50.0		105	50-200			
Matrix Spike Dup (2415054-MSD1)				Source:	E404069-0	01	Prepared: 0	4/11/24 An	alyzed: 04/12/24
iesel Range Organics (C10-C28)	287	25.0	250	ND	115	38-132	1.14	20	
8 8 ( 1 1)	207	23.0	250	ND	113	30 132	1.1.1	20	



Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		LAGLER 8 CT	ГВ 1				Reported:
Artesia NM, 88210		Project Manager:		ilbert Moreno					4/16/2024 3:35:35PM
		Anions	by EPA 3	300.0/9056 <i>A</i>	<b>\</b>				Analyst: WF
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2415042-BLK1)							Prepared: 0	4/10/24 A	nalyzed: 04/11/24
Chloride	ND	20.0							
LCS (2415042-BS1)							Prepared: 0	4/10/24 A	nalyzed: 04/11/24
Chloride	250	20.0	250		100	90-110			
Matrix Spike (2415042-MS1)				Source:	E404066-	02	Prepared: 0	4/10/24 A	nalyzed: 04/11/24
Chloride	251	20.0	250	ND	101	80-120			
Matrix Spike Dup (2415042-MSD1)				Source:	E404066-	02	Prepared: 0	4/10/24 A	nalyzed: 04/11/24
Chloride	260	20.0	250	ND	104	80-120	3.44	20	

#### QC Summary Report Comment:

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



## **Definitions and Notes**

	Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	
١	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
١	Artesia NM, 88210	Project Manager:	Gilbert Moreno	04/16/24 15:35

S3 Surrogate spike recovery was outside acceptance limits. LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



roject: FLAGLER 8 CTB 1

hone: 432-305-6414

ollected by: Edyte Konan

Date

Sampled

04.08.24

04.08.24

04.08.24

04.08.24

Additional Instructions:

Sampled

12:10

12:30

12:40

12:50

lient: Devon Energy Production Co LP

roject Manager: Gilbert Moreno

ddress: 13000 W County Rd 100

ity, State, Zip\_Odessa,TX, 79765

mail: Devon-team@etechenv.com

Matrix

S

S

S

S

No. of

Containers

1

1

1

1

TPH GRO/DRO/ORO by 8015

Depth(ft.)

0.5

1'

4

10'

Lab

Number

Lab Use Only

Lab WO# Job Number E 4040 PO 1058-0007

VOC by 8260 Metals 6010

Analysis and Method

Bill To

Attention: Jim Raley

Phone: 575-885-7502

WO: 21179750

Sample ID

**BH06** 

**BH06** 

**BH06** 

**BH06** 

Email: jim.raley@dvn.com

Incident ID: nAPP2106147760

Address: 5315 Buena Vista Dr.

City, State, Zip: Carlsbad, NM, 88220

**EPA Program** 

**CWA** 

State

Remarks

NM CO UT AZ TX

**SDWA** 

**RCRA** 

TAT

Standard

5 day TAT

3D

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1D 2D

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BGDOC

X

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X

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(field sampler), attest to the validity and a	uthenticity of this s	ample. I am aware	that tampering with	or intentionally mislab	pelling the sample loc	ation,			d on ice the day they are samp	led or
ate or time of collection is considered frau	d and may be grou	nds for legal action.	Sample	d by: EK	AST REAL		received packed in ice at an	avg temp above 0 but less th	nan 6 °C on subsequent days.	
elinquished by: (Signature)	Date 04109124	Time 09:00	Baceived by: Gign	donzales	Date 4-9-24	109 00	Received on ice:	Lab Use Only		
elinquished by: (Signature)	Date 4-9-24	Time 1622	Received by (9)gn	ature)	9. Q. 24	17/5	<u>T1</u>	<u>T2</u>	<u>T3</u>	
elinguished by: (Signature)	9. q. 24	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Received by: (Sign	ature)	4/10/24	750	AVG Temp °C	4		
ample Matrix: S - Soil, Sd - Solid, Sg - Sludg	e, A - Aqueous, O -	Other		6	Container Type	e: <b>g -</b> glass, <b>p</b> - p	oly/plastic, ag - amb	oer glass, v - VOA		
ote: Samples are discarded 30 days a					and the same of the same			ent expense. The repo	ort for the analysis of the	above
amples is applicable only to those sam	onles received by	the laboratory w	ith this COC The lis	hility of the laborat	any is limited to the	amount naid for	on the report			



e. The report for the analysis of the above

Page 303 of 353

envirotech Inc.

Printed: 4/10/2024 1:58:24PM

## **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

	·			<u> </u>	· ·		
Client:	Devon Energy - Carlsbad	Date Received:	04/10/24	09:50		Work Order ID:	E404069
Phone:	(575) 748-0176	Date Logged In:	04/10/24	09:50		Logged In By:	Alexa Michaels
Email:	Devon-team@etechenv.com	Due Date:	04/16/24	17:00 (4 day TAT)			
Chain a	f Custody (COC)						
			<b>V</b>				
	the sample ID match the COC? The number of samples per sampling site location materials.	tch the COC	Yes				
	samples dropped off by client or carrier?	ien ine eoe	Yes	a : 6			
	ne COC complete, i.e., signatures, dates/times, reques	stad analyzaas?	Yes Yes	Carrier: <u>C</u>	ourier		
	all samples received within holding time?	sted allaryses:	Yes				
	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion.		165	ı		Comment	s/Resolution
	<u> Turn Around Time (TAT)</u>						
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes				
Sample							
	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was th	ne sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes	s, were custody/security seals intact?		NA				
	he sample received on ice? If yes, the recorded temp is 4°C,  Note: Thermal preservation is not required, if samples ar  minutes of sampling  visible ice, record the temperature. Actual sample	e received w/i 15	Yes				
		temperature. 4	<u>C</u>				
	Container  queous VOC samples present?		No				
	VOC samples collected in VOA Vials?		No NA				
	e head space less than 6-8 mm (pea sized or less)?		NA NA				
	a trip blank (TB) included for VOC analyses?	n	NA				
	non-VOC samples collected in the correct containers' appropriate volume/weight or number of sample contain		Yes				
		ners conecteur	Yes				
Field La	. <u>nei</u> field sample labels filled out with the minimum info	·····ation					
	Sample ID?	лпаноп.	Yes				
	Date/Time Collected?		Yes	l			
	Collectors name?		Yes				
Sample	<b>Preservation</b>						
21. Does	the COC or field labels indicate the samples were pr	reserved?	No				
22. Are s	sample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved n	netals?	No				
Multiph	ase Sample Matrix						
26. Does	the sample have more than one phase, i.e., multipha	se?	No				
27. If ye	s, does the COC specify which phase(s) is to be analy	yzed?	NA				
Subcont	ract Laboratory						
	samples required to get sent to a subcontract laborato	ry?	No				
	a subcontract laboratory specified by the client and it	-	NA	Subcontract Lab	·NA		
		. 50	1112	Subcontract Lab	. 147 1		
Client I	nstruction						

Date

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

Report to:
Gilbert Moreno







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: E404068

Job Number: 01058-0007

Received: 4/10/2024

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 4/16/24

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

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

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

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

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

Date Reported: 4/16/24

Gilbert Moreno 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: FLAGLER 8 CTB 1

Workorder: E404068

Date Received: 4/10/2024 9:46:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/10/2024 9:46:00AM, under the Project Name: FLAGLER 8 CTB 1.

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

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

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

**Alexa Michaels** 

Sample Custody Officer Office: 505-632-1881

labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe

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

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Golzales

Client Representative
Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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## **Sample Summary**

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Donoutodi
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Gilbert Moreno	04/16/24 15:36

Client Sample ID	Lab Sample ID Matrix	Sampled	Received	Container
BH07 0.5'	E404068-01A Soil	04/08/24	04/10/24	Glass Jar, 2 oz.
BH07 1'	E404068-02A Soil	04/08/24	04/10/24	Glass Jar, 2 oz.
BH07 4'	E404068-03A Soil	04/08/24	04/10/24	Glass Jar, 2 oz.
BH07 10'	E404068-04A Soil	04/08/24	04/10/24	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/16/2024 3:36:30PM

## BH07 0.5' E404068-01

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



Devon Energy - CarlsbadProject Name:FLAGLER 8 CTB 16488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Gilbert Moreno4/16/20243:36:30PM

#### BH07 1'

#### E404068-02

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



Devon Energy - CarlsbadProject Name:FLAGLER 8 CTB 16488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Gilbert Moreno4/16/20243:36:30PM

#### BH07 4'

#### E404068-03

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



Devon Energy - CarlsbadProject Name:FLAGLER 8 CTB 16488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Gilbert Moreno4/16/2024 3:36:30PM

### BH07 10' E404068-04

		E101000 01					
Analyte	Result	Reporting Limit	Dilu	ıtion	Prepared	Analyzed	Notes
						7 mary 20a	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: R			Batch: 2415034
Benzene	ND	0.0250	1	l	04/10/24	04/12/24	
Ethylbenzene	ND	0.0250	1	l	04/10/24	04/12/24	
Toluene	ND	0.0250	1	!	04/10/24	04/12/24	
o-Xylene	ND	0.0250	1	l	04/10/24	04/12/24	
p,m-Xylene	ND	0.0500	1	l	04/10/24	04/12/24	
Total Xylenes	ND	0.0250	1	l	04/10/24	04/12/24	
Surrogate: Bromofluorobenzene		106 %	70-130		04/10/24	04/12/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		04/10/24	04/12/24	
Surrogate: Toluene-d8		86.4 %	70-130		04/10/24	04/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: R	AS		Batch: 2415034
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	04/10/24	04/12/24	
Surrogate: Bromofluorobenzene		106 %	70-130		04/10/24	04/12/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		04/10/24	04/12/24	
Surrogate: Toluene-d8		86.4 %	70-130		04/10/24	04/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: K	M		Batch: 2415053
Diesel Range Organics (C10-C28)	ND	25.0	1	1	04/11/24	04/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	[	04/11/24	04/12/24	
Surrogate: n-Nonane		108 %	50-200		04/11/24	04/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: D	Т		Batch: 2415041
Chloride	ND	20.0	1	1	04/10/24	04/11/24	



FLAGLER 8 CTB 1 Devon Energy - Carlsbad Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Gilbert Moreno 4/16/2024 3:36:30PM Volatile Organic Compounds by EPA 8260B Analyst: RAS Spike Source RPD Reporting Rec Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % Notes Blank (2415034-BLK1) Prepared: 04/10/24 Analyzed: 04/12/24 ND 0.0250 ND Ethylbenzene 0.0250 ND Toluene 0.0250 o-Xylene ND 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: Bromofluorobenzene 0.521 0.500 104 70-130 Surrogate: 1,2-Dichloroethane-d4 0.489 0.500 97.8 70-130 0.491 0.500 98.2 70-130 Surrogate: Toluene-d8 LCS (2415034-BS1) Prepared: 04/10/24 Analyzed: 04/12/24 Benzene 2.51 0.0250 2.50 100 70-130

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

<b>Matrix Spike (2415034-MS1)</b>				Source:	Source: E404067-03		Prepared: 04/10/24 Analyzed: 04/12/24
Benzene	2.50	0.0250	2.50	ND	99.9	48-131	
Ethylbenzene	2.43	0.0250	2.50	ND	97.2	45-135	
Toluene	2.34	0.0250	2.50	ND	93.7	48-130	
o-Xylene	2.36	0.0250	2.50	ND	94.4	43-135	
p,m-Xylene	4.72	0.0500	5.00	ND	94.3	43-135	
Total Xylenes	7.07	0.0250	7.50	ND	94.3	43-135	
Surrogate: Bromofluorobenzene	0.504		0.500		101	70-130	
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.6	70-130	
Surrogate: Toluene-d8	0.508		0.500		102	70-130	

Matrix Spike Dup (2415034-MSD1)				Source:	E404067-	03	Prepared: 04	4/10/24 Analyzed: 04/12/24
Benzene	2.26	0.0250	2.50	ND	90.3	48-131	10.1	23
Ethylbenzene	2.39	0.0250	2.50	ND	95.7	45-135	1.60	27
Toluene	2.37	0.0250	2.50	ND	94.8	48-130	1.23	24
o-Xylene	2.46	0.0250	2.50	ND	98.5	43-135	4.27	27
p,m-Xylene	5.32	0.0500	5.00	ND	106	43-135	12.0	27
Total Xylenes	7.78	0.0250	7.50	ND	104	43-135	9.52	27
Surrogate: Bromofluorobenzene	0.520		0.500		104	70-130		
Surrogate: 1,2-Dichloroethane-d4	0.465		0.500		92.9	70-130		
Surrogate: Toluene-d8	0.512		0.500		102	70-130		

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

## **QC Summary Data**

Devon Energy - CarlsbadProject Name:FLAGLER 8 CTB 1Reported:6488 7 Rivers HwyProject Number:01058-0007Artesia NM, 88210Project Manager:Gilbert Moreno4/16/2024 3:36:30PM

Nonhalogenated	Organics b	v EPA	8015D -	GRO

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2415034-BLK1)							Prepared: 0	4/10/24 Analy	yzed: 04/12/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.521		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.8	70-130			
Surrogate: Toluene-d8	0.491		0.500		98.2	70-130			
LCS (2415034-BS2)							Prepared: 0	4/10/24 Analy	yzed: 04/12/24
Gasoline Range Organics (C6-C10)	50.2	20.0	50.0		100	70-130			
Surrogate: Bromofluorobenzene	0.529		0.500		106	70-130			

Matrix Spike (2415034-MS2)		Source:	E404067-	03	Prepared: 04/10/24 Analyzed: 04/12/24		
Gasoline Range Organics (C6-C10)	57.5	20.0	50.0	ND	115	70-130	
Surrogate: Bromofluorobenzene	0.559		0.500		112	70-130	
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.1	70-130	
Surrogate: Toluene-d8	0.561		0.500		112	70-130	

0.500

0.500

0.468

0.500

93.6

100

70-130

70-130

Matrix Spike Dup (2415034-MSD2)			Source: E404067-03			Prepared: 04/10/24 Analyzed: 04/12/2		
Gasoline Range Organics (C6-C10)	48.8	20.0	50.0	ND	97.6	70-130	16.4	20
Surrogate: Bromofluorobenzene	0.529		0.500		106	70-130		
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.4	70-130		
Surrogate: Toluene-d8	0.501		0.500		100	70-130		

Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Number:	FLAGLER 8 CTB 1 01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/16/2024 3:36:30PM

Artesia NM, 88210		Project Manage	r: Gi	lbert Moreno				4/	16/2024 3:36:30PN
	Nonhal	logenated Or	ganics by l	EPA 8015I	) - DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2415053-BLK1)							Prepared: 0	4/11/24 Ana	lyzed: 04/12/24
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	56.9		50.0		114	50-200			
LCS (2415053-BS1)							Prepared: 0	4/11/24 Ana	lyzed: 04/12/24
Diesel Range Organics (C10-C28)	321	25.0	250		128	38-132			
urrogate: n-Nonane	60.5		50.0		121	50-200			
Matrix Spike (2415053-MS1)				Source:	E404059-	05	Prepared: 0	4/11/24 Ana	lyzed: 04/12/24
Diesel Range Organics (C10-C28)	320	25.0	250	ND	128	38-132			
urrogate: n-Nonane	63.0		50.0		126	50-200			
Matrix Spike Dup (2415053-MSD1)				Source:	E404059-	05	Prepared: 0	4/11/24 Ana	lyzed: 04/12/24
Diesel Range Organics (C10-C28)	326	25.0	250	ND	131	38-132	1.83	20	
Gurrogate: n-Nonane	63.7		50.0		127	50-200			



Devon Energy - Carlsbad		Project Name:		LAGLER 8 C	TB 1				Reported:
6488 7 Rivers Hwy Artesia NM, 88210		Project Number: Project Manager		1058-0007 ilbert Moreno					4/16/2024 3:36:30PM
		Anions	by EPA 3	300.0/9056 <i>A</i>	4				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2415041-BLK1)							Prepared: 0	4/10/24 A	nalyzed: 04/10/24
Chloride	ND	20.0							
LCS (2415041-BS1)							Prepared: 0	4/10/24 A	nalyzed: 04/10/24
Chloride	249	20.0	250		99.4	90-110			
Matrix Spike (2415041-MS1)				Source:	E404059-	)9	Prepared: 0	4/10/24 A	nalyzed: 04/10/24
Chloride	5370	40.0	250	4600	307	80-120			M4
Matrix Spike Dup (2415041-MSD1)				Source:	E404059-	)9	Prepared: 0	4/10/24 A	nalyzed: 04/10/24
Chloride	4970	40.0	250	4600	144	80-120	7.87	20	M4

#### QC Summary Report Comment:

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



## **Definitions and Notes**

ſ	Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	
l	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
l	Artesia NM, 88210	Project Manager:	Gilbert Moreno	04/16/24 15:36

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

associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



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Page	9	of	1
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Client: D	evon Ene	rgy Prod	uction Co	LP					Bill To				La	ab U	se On	ly		Т	-	7	AT		EPA P	rogram
	FLAGLER					Atter	ntion:	Jim Rale	eV.		Lab	WO#	-		Job	_	ber	1[	20	30	St	andard	CWA	SDWA
							na Vista Dr.		FL	E4040108		F00087010						5	day TAT					
Address	: 13000 W	County	Rd 100			City,	State,	Zip: Car	rlsbad, NM, 88	220		~					nd Meth							RCRA
City, Sta	te, Zip_O	dessa,TX,	79765			Phon	e: 575	5-885-75	502		VAR							T	T	T				
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Collecte	d by: Edyt	e Konan									<b>=</b>	0/0	, 8021	826	601	e 30		- 1		×		×		
Time Sampled	Date Sampled	Matrix	No. of Containers			S	ample	: ID		Lab Number	Depth(ft.)	TPH GRO/DRO/ORO by 8015	BTEX by	VOC by 8260	Metals 6010	Chloride 300.0		0000		GDOC			Remarks	
13:00	04.08.24	S	1				вно	7		1	0.5'							,	(					
13:10	04.08.24	S	1				вно	7		2	1'							,	(					
13:20	04.08.24	S	1				вно	7		3	4'							,	(					
13:30	04.08.24	S	1				вно	7		4	10'							,	(					
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Addition	nal Instruc	tions:																						
	pler), attest to						nat tamp	30	or intentionally mis	labelling the sam	ple loca	ition,					and the same of th					ed on ice the da han 6 °C on sub		
	ed/by; (Signa		Date	, ,	Time		Beceive			Date		Time					en en		Lab l	Jse C	nlv			
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Relinguish	ed by: (Signa	ature)	Gate 4.	9.24	13	30	Receive	d by: (Sign	nature)	Date 40	24	Tira	:4	6	AVG	Tem	np °C	4						
ample Mat	rix: S - Soil, S	d - Solid, Sg -	- Sludge, A - A	queous, O -	Other				- 6-	Containe	г Туре	: g - g	glass,	<b>p</b> - p	ooly/p	lastic	, <b>ag</b> - a	nber	glass	, v - V	OA			
ote: Sam	ples are disc	arded 30 d	lays after re	sults are rep	ported unle	ess other	rarrang	gements a	re made. Hazard	ous samples w		turne	d to cl	lient o	or disp	osed o	of at the	client	expen	se. Th	e rep	ort for the a	nalysis of th	ne above

e. The report for the analysis of the above

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

## **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Phone: (575) 748-0176 Date Logged In: 04/10/24 09:47 Logged In By: Alexa Michaels		•				· · ·			
Email: Devon-team@erechencoom  Doe Date: 04/16/24 17:00 (4 day TAT)  Lobes the sample ID match the COC?  3. Were samples dropped off by client or carrier?  4. Was the COC complete, i.e., signatures, dates/times, requested analyses?  New a all samples received within bolding time?  New and samples received within bolding time?  New and samples received within bolding time?  New and samples received within bolding time?  New and sample received within bolding time?  New and sample received within bolding time?  New and sample to color to included in this discussion.  Sample Turn Around Time (TAT)  6. Did the COC indicate standard TAT, or Expedired TAT?  Yes  Sample Cooler  7. Was a sample cooler received?  8. If yes, was cooler received?  8. If yes, was cooler received in good condition?  9. Was the sample received on itself it.e, not broken?  10. Were astady-security seals primately and in the sample received on itself it.e, not broken?  11. If yes, were custedy-security seals intuce?  Now: Themat procurvation is not required, if samples are received with 5 minutes of sampling  13. If no visible ice, record the emperature. Actual sample temperature: 4°C  Sample Constainer.  14. Are aqueous VOC samples present?  15. Are VOC samples collected in VOA Vialis?  16. Is the head spance less than 6.8 mm (new sized or less)?  17. Was a trip blank (TB) included for VOC analyses?  18. Are non-VOC samples collected in the correct containers?  19. Is the appropriate volume-weight or number of sample containers ollected?  19. Is the appropriate volume-weight or number of sample containers ollected?  19. Is the appropriate volume-weight or number of sample containers ollected?  20. Were field sample labels filled out with the minimum information:  Sample ID?  21. Does the COC or field labels indicate the samples were preserved?  22. Are samples corpilated to get sent to a subcontract laboratory?  No  23. Are samples required to get sent to a subcontract laboratory?  24. Was a subcontract Laboratory appecified by the client and	Client:	Devon Energy - Carlsbad	Date Received:	04/10/24 09	9:46		Work Order ID:	E404068	
Chain of Custody (COC)  1. Does the sample ID match the COC? 2. Does the number of samples per sampling site location match the COC 3. Were supples depoyed off by client or carrier? 4. Were the COC complete, i.e., signatures, dates/times, requested analyses? 5. Were all samples received within holding time? 6. Were all samples received within holding time? 7. Were all sample to COC included in this discussion.  Sample Turn Around Time (TAT) 6. Dol the COC includes standard TAI, or Espedited TAI? 7. Was a sample cooler received? 7. Was a sample cooler received in good condition? 8. Were sample for received in good condition? 9. Was the sample received on its of the samples in the samples preceived in the cit. i.e., not broken? 10. Were custody/security seals precent? 10. Were custody/security seals precent? 11. Hyee, were custody/security seals intent? 12. Was the sample received on its of required, if samples are received with 15 minutes of sampling 13. If no visible ice, recerul the temperature. Actual sample temperature: 15. Are VOC samples collected in VOA Vials? 16. Is the fined space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? 20. Were field sample labels filled out with the minimum information sample. 21. Dues the COC or field labels indicate the samples were preserved? 22. Are samples correctly preserved? 23. As samples correctly preserved? 24. Is als of filteration required and/or requested for dissolved metals? 25. Does the example have more than one phase, i.e., multiphase? 26. Does the sample have more than one phase, i.e., multiphase? 27. If yes, does the COC specify which phase(v) is to be malyzed? 28. Are samples required to get sent to a subcontract laboratory? 29. Was a subcontract Laboratory specified by the client and if so who? 29. Was a subcontract Laboratory specified by the client and if so who?	Phone:	(575) 748-0176	Date Logged In:	04/10/24 09	9:47		Logged In By:	Alexa Michaels	
1. Does the sample ID match the COC? 2. Does the number of samples per surpring site location match the COC	Email:			04/16/24 13	7:00 (4 day TAT)		55 7		
2. Does the number of samples per sampling site location match the COC 3. Were samples dropped off by elient or carrier? 4. Was the COC complete, i.e., signatures, datest times, requested analyses? 5. Were all samples received within holding time? Note: Analysis, such as I physich should be conducted in the field, i.e., 15 mitute hold time, are not included in this discussion.  Sample Tern: Around Time (TAX) 6. Did the COC indicate standard TAT, or Expedited TAT? 7. Was a sample cooler received? 8. If yes, was cooler received! 9. Was the sample cooler received! 9. Was the sample cooler received! 10. Were custodly-security seals intact? 11. If yes, were custodly-security seals intact? 12. Was the sample of sampling 13. If no visible ice, record the temperature. Actual sample temperature: 14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6.8 mm (pea sized or less)? 17. Was a rip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Ower field sample labels filled out with the minimum information: 19. Sample Drawn of the compensation of the c				***					
3. Were samples dropped off by client or carrier? 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? 5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.  Sample Turn Around Time (TAT) Did the COC indicate standard TAT, or Expedited TAT? Yes  Sample Cooler 7. Yes 7. Was a sample cooler received? 8. Was a sample cooler received in good condition? 9. Was the sample(s) received intact, i.e., not broken? 10. Were custody/security seals present? 11. If yes, were custody/security seals intact? 12. Was the sample received on ise? If yes, the recorded temp is 4°C, i.e., 6°42°C Note: Themap preservation is not required, if samples are received win 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? 15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the proportiat volume/weight or number of sample containers collected? 20. Were field sample labels filled out with the minimum information: 21. Does the COC or field labels indicate the samples were preserved? 22. Are sample() correctly preserved? 23. Are samples (be overely preserved? 24. Is lab filteration required and/or requested for dissolved metals? 25. Does the sample have more than one phase, i.e., multiphase? 27. If yes, does the COC specify which phase(s) is to be analyzed? 28. Are samples plear have four on an about required laboratory of the collected and if so whe? 29. Was a subcontract Laboratory specified by the client and if so whe? 20. Were all and the correct containers of the correct Laboratory of the collected and four the collected and if so whe? 29. Was a subcontract Laboratory specified by the client and if so whe? 20. Note the c			4-1-4 COC						
4. Wose the COC complete, i.e., signatures, dates/times, requested analyses?  5. Were all samples received within holding time?  Note Analysis, and as pill which should be conducted in the field, i.e., 15 minute hold time, are no included in this dissession.  5. Sample Turn Around Time (TAT)  6. Did the COC indicate standard TAT, or Expedited TAT?  7. Was a sample cooler received?  8. If yes, was cooler received?  9. Was a sample cooler received in good condition?  9. Was the sample (so received in good condition?  9. Was the sample (so received in good condition?  11. If yes, was costler received in good condition?  12. Was to sample (so received in good condition?  13. If no visible ice, record the temperature.  14. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°42°C  Note: Thermal preservation is not required, if samples are received wii 15 minutes of sampling  13. If no visible ice, record the temperature. Actual sample temperature: 4°C  5. Sample Container  14. Are aqueous VOC samples present?  15. Are VOC samples collected in VOA Vials?  16. Is the head space less than 6-8 mm (pea sized or less)?  17. Was at five blank (FB) included for VOC analyses?  18. Are non-VOC samples collected in the correct containers?  19. Is the appropriate volune/weight or number of sample containers collected?  19. Is the appropriate volune/weight or number of sample containers collected?  19. Experimental collected?  20. Were field sample labels filled out with the minimum information:  10. Does the COC or field labels indicate the samples were preserved?  10. Ava the COC or field labels indicate the samples were preserved?  10. Ava the COC or field labels indicate the samples were preserved?  10. Ava the COC or field labels indicate the samples were preserved?  10. Does the sample have more than one phase, i.e., multiphase?  10. Does the sample have more than one phase, i.e., multiphase?  10. Does the sample have more than one phase, i.e., multiphase?  10. Does the sample required to get sent to a			ten the COC						
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Collectors name?  Sample Preservation  21. Does the COC or field labels indicate the samples were preserved?  No  22. Are sample(s) correctly preserved?  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?  No  Subcontract Laboratory  28. Are samples required to get sent to a subcontract laboratory?  No  No  No  Subcontract Laboratory specified by the client and if so who?  NA  Subcontract Lab: NA	9	Sample ID?		Yes					
Sample Preservation  21. Does the COC or field labels indicate the samples were preserved?  22. Are sample(s) correctly preserved?  23. Is lab filteration required and/or requested for dissolved metals?  24. Is lab filteration required and/or requested for dissolved metals?  25. Does the sample Matrix  26. Does the sample have more than one phase, i.e., multiphase?  27. If yes, does the COC specify which phase(s) is to be analyzed?  28. Are samples required to get sent to a subcontract laboratory?  29. Was a subcontract laboratory specified by the client and if so who?  NA Subcontract Lab: NA				Yes	L				
21. Does the COC or field labels indicate the samples were preserved?  22. Are sample(s) correctly preserved?  23. Is lab filteration required and/or requested for dissolved metals?  24. Is lab filteration required and/or requested for dissolved metals?  25. Does the sample have more than one phase, i.e., multiphase?  26. Does the sample have more than one phase, i.e., multiphase?  27. If yes, does the COC specify which phase(s) is to be analyzed?  28. Are samples required to get sent to a subcontract laboratory?  29. Was a subcontract laboratory specified by the client and if so who?  NA Subcontract Lab: NA				Yes					
22. Are sample(s) correctly preserved?  24. Is lab filteration 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			10						
24. Is lab filteration 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			reserved?						
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			. 1.0						
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	24. Is lat	o filteration required and/or requested for dissolved n	netals?	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	_	<del>-</del>							
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				No					
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	27. If yes	s, does the COC specify which phase(s) is to be analy	yzed?	NA					
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	Subcont	ract Laboratory							
29. Was a subcontract laboratory specified by the client and if so who?  NA Subcontract Lab: NA		<del>-</del>	ry?	No					
Client Instruction	29. Was	a subcontract laboratory specified by the client and i	f so who?	NA S	Subcontract Lab:	: NA			
Chefit Histruction	Client I	networtion							
	CHEILI	<u>nstruction</u>							

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

Report to:
Gilbert Moreno







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: E404067

Job Number: 01058-0007

Received: 4/10/2024

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 4/16/24

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

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

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

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

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

Date Reported: 4/16/24

Gilbert Moreno 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: FLAGLER 8 CTB 1

Workorder: E404067

Date Received: 4/10/2024 9:41:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/10/2024 9:41:00AM, under the Project Name: FLAGLER 8 CTB 1.

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

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

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

**Alexa Michaels** 

Sample Custody Officer Office: 505-632-1881

labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe

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

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Golzales

Client Representative
Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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## **Sample Summary**

ſ	Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
1	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
	Artesia NM, 88210	Project Manager:	Gilbert Moreno	04/16/24 15:39

Client Sample ID	Lab Sample ID Matrix	Sampled	Received	Container
BH08 0.5'	E404067-01A Soil	04/08/24	04/10/24	Glass Jar, 2 oz.
BH08 1'	E404067-02A Soil	04/08/24	04/10/24	Glass Jar, 2 oz.
BH08 4'	E404067-03A Soil	04/08/24	04/10/24	Glass Jar, 2 oz.
BH08 10'	E404067-04A Soil	04/08/24	04/10/24	Glass Jar, 2 oz.



Devon Energy - CarlsbadProject Name:FLAGLER 8 CTB 16488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Gilbert Moreno4/16/2024 3:39:38PM

### BH08 0.5' E404067-01

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



 Devon Energy - Carlsbad
 Project Name:
 FLAGLER 8 CTB 1

 6488 7 Rivers Hwy
 Project Number:
 01058-0007
 Reported:

 Artesia NM, 88210
 Project Manager:
 Gilbert Moreno
 4/16/2024
 3:39:38PM

#### BH08 1'

#### E404067-02

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



## Sample Data

Devon Energy - CarlsbadProject Name:FLAGLER 8 CTB 16488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Gilbert Moreno4/16/20243:39:38PM

## BH08 4'

#### E404067-03 Reporting Analyte Limit Dilution Analyzed Result Prepared Notes Analyst: RAS Batch: 2415034 mg/kg mg/kg Volatile Organic Compounds by EPA 8260B 04/10/24 04/12/24 ND 0.0250 Benzene 1 04/10/24 04/12/24 Ethylbenzene ND 0.0250 ND 0.0250 1 04/10/24 04/12/24 Toluene 1 04/10/24 04/12/24 o-Xylene ND 0.0250 04/10/24 04/12/24 ND 0.0500 1 p,m-Xylene 04/10/24 04/12/24 1 Total Xylenes ND 0.0250 04/12/24 04/10/24 Surrogate: Bromofluorobenzene 108 % 70-130 04/10/24 04/12/24 Surrogate: 1,2-Dichloroethane-d4 99.1 % 70-130 Surrogate: Toluene-d8 102 % 70-130 04/10/24 04/12/24 Nonhalogenated Organics by EPA 8015D - GRO mg/kg mg/kg Analyst: RAS Batch: 2415034 ND 04/10/24 04/12/24 20.0 1 Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene 108 % 04/10/24 04/12/24 70-130 99.1 % 04/10/24 04/12/24 Surrogate: 1,2-Dichloroethane-d4 70-130 04/10/24 04/12/24 Surrogate: Toluene-d8 102 % 70-130 mg/kg Analyst: KM Batch: 2415051 mg/kg Nonhalogenated Organics by EPA 8015D - DRO/ORO 04/11/24 ND 25.0 1 04/11/24 Diesel Range Organics (C10-C28) ND 50.0 1 04/11/24 04/11/24 Oil Range Organics (C28-C36) 112 % 50-200 04/11/24 04/11/24 Surrogate: n-Nonane Analyst: WF Anions by EPA 300.0/9056A mg/kg mg/kg Batch: 2415042

20.0

ND

1

04/10/24

04/11/24



Chloride

# **Sample Data**

Devon Energy - CarlsbadProject Name:FLAGLER 8 CTB 16488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Gilbert Moreno4/16/2024 3:39:38PM

## BH08 10'

		E404067-04					
		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: F	RAS		Batch: 2415034
Benzene	ND	0.0250	1	l	04/10/24	04/12/24	
Ethylbenzene	ND	0.0250	1	l	04/10/24	04/12/24	
Toluene	ND	0.0250	1	l	04/10/24	04/12/24	
o-Xylene	ND	0.0250	1	l	04/10/24	04/12/24	
p,m-Xylene	ND	0.0500	1	l	04/10/24	04/12/24	
Total Xylenes	ND	0.0250	1	l	04/10/24	04/12/24	
Surrogate: Bromofluorobenzene		104 %	70-130		04/10/24	04/12/24	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130		04/10/24	04/12/24	
Surrogate: Toluene-d8		81.6 %	70-130		04/10/24	04/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: F	RAS		Batch: 2415034
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	04/10/24	04/12/24	
Surrogate: Bromofluorobenzene		104 %	70-130		04/10/24	04/12/24	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130		04/10/24	04/12/24	
Surrogate: Toluene-d8		81.6 %	70-130		04/10/24	04/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: K	CM		Batch: 2415051
Diesel Range Organics (C10-C28)	ND	25.0	1	1	04/11/24	04/11/24	
Oil Range Organics (C28-C36)	ND	50.0	1	[	04/11/24	04/11/24	
Surrogate: n-Nonane		119 %	50-200		04/11/24	04/11/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: V	VF		Batch: 2415042
Chloride	ND	20.0	1	1	04/10/24	04/11/24	



## **QC Summary Data**

Devon Energy - Carlsbad FLAGLER 8 CTB 1 Project Name: Reported: Project Number: 6488 7 Rivers Hwy 01058-0007 Artesia NM, 88210 Project Manager: Gilbert Moreno 4/16/2024 3:39:38PM **Volatile Organic Compounds by EPA 8260B** Analyst: RAS Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2415034-BLK1) Prepared: 04/10/24 Analyzed: 04/12/24 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 ND 0.0250 Total Xylenes Surrogate: Bromofluorobenzene 0.521 0.500 104 70-130 Surrogate: 1,2-Dichloroethane-d4 0.489 0.500 97.8 70-130 0.500 98.2 70-130 Surrogate: Toluene-d8 0.491 LCS (2415034-BS1) Prepared: 04/10/24 Analyzed: 04/12/24 2.51 0.0250 2.50 100 70-130 Benzene 2.50 98.4 70-130 2.46 Ethylbenzene 0.0250 2.36 0.0250 2.50 94.5 70-130 101 70-130 2.52 0.0250 2.50 o-Xylene 99.2 4.96 5.00 70-130 p,m-Xylene 0.0500 7.48 0.0250 7.50 99.7 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.532 0.500 106 70-130 0.500 99.6 70-130 Surrogate: 1,2-Dichloroethane-d4 0.498 70-130 Surrogate: Toluene-d8 0.501 0.500 Matrix Spike (2415034-MS1) Source: E404067-03 Prepared: 04/10/24 Analyzed: 04/12/24 2.50 0.0250 2.50 ND 99.9 48-131 45-135 Ethylbenzene 2.43 0.0250 2.50 ND 97.2 ND 93.7 48-130 Toluene 2.34 0.0250 2.50 2.36 0.0250 2.50 ND 94.4 43-135 o-Xylene 94.3 4.72 ND 43-135 p,m-Xylene 0.0500 5.00 Total Xylenes 7.07 0.0250 7.50 ND 94.3 43-135 Surrogate: Bromofluorobenzene 0.504 0.500 101 70-130 0.498 0.500 99.6 70-130 Surrogate: 1,2-Dichloroethane-d4 0.500 70-130 0.508 Surrogate: Toluene-d8 Matrix Spike Dup (2415034-MSD1) Source: E404067-03 Prepared: 04/10/24 Analyzed: 04/12/24 2.26 0.0250 2.50 ND 90.3 48-131 10.1 23 2.39 0.0250 2.50 ND 95.7 45-135 1.60 27 Ethylbenzene

ND

ND

ND

ND

2.50

2.50

5.00

7.50

0.500

0.500

0.500

0.0250

0.0250

0.0500

0.0250

94.8

98.5

106

104

104

92.9

102

48-130

43-135

43-135

43-135

70-130

70-130

70-130

1.23

4.27

12.0

9.52

24

27

27

27



Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: Toluene-d8

Surrogate: Bromofluorobenzene

Surrogate: 1,2-Dichloroethane-d4

2.37

2.46

5.32

7.78

0.520

0.465

0.512

# **QC Summary Data**

Devon Energy - CarlsbadProject Name:FLAGLER 8 CTB 1Reported:6488 7 Rivers HwyProject Number:01058-0007Artesia NM, 88210Project Manager:Gilbert Moreno4/16/20243:39:38PM

Nonhalogenated	Organics	by EPA	8015D -	GRO

Analyst: RAS

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

	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2415034-BLK1)							Prepared: 0-	4/10/24	Analyzed: 04/12/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.521		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.8	70-130			
Surrogate: Toluene-d8	0.491		0.500		98.2	70-130			
LCS (2415034-BS2)							Prepared: 0	4/10/24	Analyzed: 04/12/24
Gasoline Range Organics (C6-C10)	50.2	20.0	50.0		100	70-130			
Surrogate: Bromofluorobenzene	0.529		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.468		0.500		93.6	70-130			
Surrogate: Toluene-d8	0.500		0.500		100	70-130			
Matrix Spike (2415034-MS2)				Source:	E404067-0	03	Prepared: 0	4/10/24	Analyzed: 04/12/24
Gasoline Range Organics (C6-C10)	57.5	20.0	50.0	ND	115	70-130			
Surrogate: Bromofluorobenzene	0.559		0.500		112	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.1	70-130			
Surrogate: Toluene-d8	0.561		0.500		112	70-130			
Matrix Spike Dup (2415034-MSD2)				Source:	E404067-0	03	Prepared: 0	4/10/24	Analyzed: 04/12/24
Gasoline Range Organics (C6-C10)	48.8	20.0	50.0	ND	97.6	70-130	16.4	20	
Surrogate: Bromofluorobenzene	0.529		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.4	70-130			



# **QC Summary Data**

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	^
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/16/2024 3:39:38PM

Artesia NM, 88210		Project Manage	r: Gi	lbert Moreno	1			4/	16/2024 3:39:38PI
	Nonha	logenated Or	ganics by	EPA 80151	D - DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2415051-BLK1)							Prepared: 0	4/11/24 Ana	lyzed: 04/11/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	56.7		50.0		113	50-200			
LCS (2415051-BS1)							Prepared: 0	4/11/24 Ana	lyzed: 04/11/24
Diesel Range Organics (C10-C28)	322	25.0	250		129	38-132			
Surrogate: n-Nonane	60.7		50.0		121	50-200			
Matrix Spike (2415051-MS1)				Source:	E404067-	01	Prepared: 0	4/11/24 Ana	lyzed: 04/11/24
Diesel Range Organics (C10-C28)	324	25.0	250	ND	129	38-132			
Surrogate: n-Nonane	60.3		50.0		121	50-200			
Matrix Spike Dup (2415051-MSD1)				Source:	E404067-	01	Prepared: 0	4/11/24 Ana	lyzed: 04/11/24
Diesel Range Organics (C10-C28)	323	25.0	250	ND	129	38-132	0.146	20	
Surrogate: n-Nonane	59.0		50.0		118	50-200			



Chloride

# **QC Summary Data**

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		LAGLER 8 C' 1058-0007	TB 1				Reported:
Artesia NM, 88210		Project Manager		ilbert Moreno				4	4/16/2024 3:39:38PM
		Anions	by EPA 3	300.0/9056	4				Analyst: WF
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2415042-BLK1)							Prepared: 0	4/10/24 An	nalyzed: 04/11/24
Chloride	ND	20.0							
LCS (2415042-BS1)							Prepared: 0	4/10/24 An	nalyzed: 04/11/24
Chloride	250	20.0	250		100	90-110			
Matrix Spike (2415042-MS1)				Source:	E404066-	02	Prepared: 0	4/10/24 An	nalyzed: 04/11/24
Chloride	251	20.0	250	ND	101	80-120			
Matrix Spike Dup (2415042-MSD1)				Source:	E404066-	02	Prepared: 0	4/10/24 An	alyzed: 04/11/24

250

20.0

ND

104

80-120

## QC Summary Report Comment:

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



## **Definitions and Notes**

ſ	Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	
l	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
l	Artesia NM, 88210	Project Manager:	Gilbert Moreno	04/16/24 15:39

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



15
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4
Page

Client: D	evon Ene	rgy Produ	uction Co	LP		DIII 10		1000		Le	ab Us	se Or	11y					AI		EPA	rogram
Project:	FLAGLER	8 CTB 1				Attention: Jim Raley		Lab	WO#	t		Job	Num	ber	1D	2D	3D	St	andard	CWA	SDWA
Project N	Manager:	Gilbert N	1oreno			Address: 5315 Buena Vista Dr.		E	101	10C	07	Job Number									
Address	: 13000 W	County	Rd 100			City, State, Zip: Carlsbad, NM,	88220							nd Metho					New Manager		RCRA
City, Sta	te, Zip_O	dessa,TX,	79765			Phone: 575-885-7502										T					
hone: 4	32-305-6	414				Email: jim.raley@dvn.com			015											State	
	evon-tear		env.com		100000	WO: 21179750			8 Ac										NM CO	UT AZ	TXT
	21011 (04)	iie otooi	.c.ivicoini			ncident ID: nAPP2106147760		1	RO										11111	0.17.2	1
) A						Incident ID. HAPP2106147760					2000		0		5						
ollecte	d by: Edyt	e Konan				Email: jim.raley@dvn.com W0: 21179750 Incident ID: nAPP2106147760  Lab  Lab					260	010	300.		ΣZ		×				
Time	Date	- Horian	No. of				Lab		SRO	by 8	by 8	ls 6(	ide		18		U		X		
Sampled	Sampled	Matrix	Containers			Sample ID	Number	Depth(ft.)	TPH (	BTEX	VOC by 8260	Metals 6010	Chloride 300.0		верос		GDOC			Remark	S
3							ivanibei		-	m	>	2	0		- 40	-	10				
13:40	04.08.24	S	1			BH08		0.5							Х						
		-					0			-	-		-		+-		-				
13:50	04.08.24	S	1			BH08	2	1'							Х						
CONTROL												-			-	+					
14:00	04.08.24	S	1			BH08	3	4'							Х						
14:10	04.08.24	S	1			BH08	14	10'							x						
									_	-	-	-				-	-	_			
												_									
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						n nl	109/24														
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Addition	nal Instru	tion-						-			_		_								
Addition	iai ilistrui	.dons:																			
I. (field sam	nler) attest t	the validity	and authent	icity of this s	sample. Lam as	ware that tampering with or intentionally	mislabelling the sam	nle Inca	tion.			Sample	es requ	iring thermal	preserv	ation m	nust be n	eceived	on ice the da	they are sar	npled or
					nds for legal act		g the Juli	1000							2				an 6 °C on sub		
	ed by: (Sign		Date		Time	Received by: (Signature)	Date	(AST-A	Time				William.		1	ah II	se Or	nlv			
1	4/	/	04/	09/24	09300	Michelle Gonzo		24		900	\	Rec	aive	d on ice:		1	JC OI	,			
Religanish	ed by: (Sign	ture)			Time	Received by: (Signature)	Date		Time	100	_	Nece	-ive(	on ice.	0	ייע	•				
Mich	ed m: (Sign	onso	(eg 4-	9.24	1622	- A.M	4.9.1	4		71	5	T1			T2				T3		
Relin	ed by: (Sign	ature)	Date		Time 0	Received by: (Signature)	Date /		Time						U.						
.1.	M		4-	9-24	11.50	O / I I I I I K	14/10/	24	9	11:4		AVG	Ten	np °C	T						
Sample Mar	rix: S - Soil S	d - Solid Sa	- Sludge, A - A		Other	- way	Containe	r Type							her a	lass	v - VO	DΑ			
						other arrangements are made. Haz													rt for the a	alysis of t	he above
						ry with this COC. The liability of the la										.,,,,,,,,					



e. The report for the analysis of the above

envirotech Inc.

Printed: 4/10/2024 1:42:18PM

## **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	04/10/24	09:41		Work Order ID:	E404067
Phone:	(575) 748-0176	Date Logged In:	04/10/24	09:41		Logged In By:	Alexa Michaels
Email:	Devon-team@etechenv.com	Due Date:	04/16/24	17:00 (4 day TAT)			
1. Does th 2. Does th 3. Were sa	Custody (COC)  e sample ID match the COC?  e number of samples per sampling site location ma  umples dropped off by client or carrier?  c COC complete, i.e., signatures, dates/times, reque		Yes Yes Yes Yes	Carrier: <u>C</u>	<u>Courier</u>		
	l samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssi urn Around Time (TAT)		Yes	[		Comment	s/Resolution
	COC indicate standard TAT, or Expedited TAT?		Yes				
8. If yes, v 9. Was the	ample cooler received? was cooler received in good condition? sample(s) received intact, i.e., not broken?		Yes Yes Yes				
	custody/security seals present?		No				
11. If yes,	were custody/security seals intact?		NA				
	e sample received on ice? If yes, the recorded temp is 4°C.  Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes <u>C</u>				
Sample C	<u>ontainer</u>						
14. Are ac	queous VOC samples present?		No				
15. Are V	OC samples collected in VOA Vials?		NA				
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA				
17. Was a	trip blank (TB) included for VOC analyses?		NA				
18. Are no	on-VOC samples collected in the correct containers	?	Yes				
19. Is the a	ppropriate volume/weight or number of sample contain	ners collected?	Yes				
Sa Da	tel field sample labels filled out with the minimum info ample ID? ate/Time Collected? ollectors name?	ormation:	Yes Yes Yes				
Sample P	reservation						
	he COC or field labels indicate the samples were p	reserved?	No				
	mple(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved n	netals?	No				
<u>Multipha</u>	se Sample Matrix						
26. Does t	he sample have more than one phase, i.e., multipha	se?	No				
27. If yes,	does the COC specify which phase(s) is to be analy	yzed?	NA				
28. Are sa	act Laboratory mples required to get sent to a subcontract laborato subcontract laboratory specified by the client and i	-	No NA	Subcontract Lab	o: NA		
Client In	<u>struction</u>						

Date

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

# **APPENDIX G**

Correspondence & Notifications

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



<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 328255

### **QUESTIONS**

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	328255
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites	
Incident ID (n#) nAPP2106147760	
Incident Name	NAPP2106147760 FLAGLER 8 CTB 1 @ 0
Incident Type	Oil Release
Incident Status	Initial C-141 Approved

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

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	5,496
What is the estimated number of samples that will be gathered	28
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/03/2024
Time sampling will commence	08:30 AM
Please provide any information necessary for observers to contact samplers	Please contact Gilbert Moreno at 432-305-6414 with any questions
Please provide any information necessary for navigation to sampling site	From the intersection of Co Rd 2 and Resource Ln stay right at the fork and head south for 2.5 miles, turn right for 2.2 miles to reach Flagler CTB (32.140569, -103.602434).

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 328255

## **CONDITIONS**

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	328255
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

#### CONDITIONS

Created	Condition	Condition
Ву		Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/1/2024

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

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District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 329661

### **QUESTIONS**

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	329661
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites	
Incident ID (n#)	nAPP2106147760
Incident Name	NAPP2106147760 FLAGLER 8 CTB 1 @ 0
Incident Type	Oil Release
Incident Status	Initial C-141 Approved

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

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	5,496
What is the estimated number of samples that will be gathered	20
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/08/2024
Time sampling will commence	08:30 AM
Please provide any information necessary for observers to contact samplers	Please contact Gilbert Moreno at 432-305-6414 with any questions.
Please provide any information necessary for navigation to sampling site	From the intersection of Co Rd 2 and Resource Ln stay right at the fork and head south for 2.5 miles, turn right for 2.2 miles to reach Flagler CTB (32.140569, -103.602434).

District I
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1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 329661

## CONDITIONS

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	329661
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

#### CONDITIONS

Created	Condition	Condition
Ву		Date
jraley		

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 354757

## **QUESTIONS**

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	354757
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

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

Location of Release Source		
Please answer all the questions in this group.		
Site Name	FLAGLER 8 CTB 1	
Date Release Discovered	02/16/2021	
Surface Owner	Federal	

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

Nature and Volume of Release		
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.		
Crude Oil Released (bbls) Details	Cause: Other   Other (Specify)   Crude Oil   Released: 12 BBL   Recovered: 8 BBL   Lost: 4 BBL.	
Produced Water Released (bbls) Details	Not answered.	
Is the concentration of chloride in the produced water >10,000 mg/l	Not answered.	
Condensate Released (bbls) Details	Not answered.	
Natural Gas Vented (Mcf) Details	Not answered.	
Natural Gas Flared (Mcf) Details	Not answered.	
Other Released Details	Not answered.	
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.	

District III

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170 District IV

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

QUESTIONS, Page 2

Action 354757

1220 S. St Francis Dr., Santa Fe, NM 8/505 Phone: (505) 476-3470 Fax: (505) 476-3462	,	
QUESTIONS (continued)		
Operator:  WPX Energy Permian, LLC  Devon Energy - Regulatory  Oklahoma City, OK 73102	•	OGRID: 246289 Action Number: 354757 Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)
QUESTIONS		
Nature and Volume of Release (continued)		
Is this a gas only submission (i.e. only significant Mcf values reported)	No, accord	ing to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No	
Reasons why this would be considered a submission for a notification of a major release	Unavailable.	
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.	e. gas only) are t	to be submitted on the C-129 form.
Initial Response		
The responsible party must undertake the following actions immediately unless they could create a s	safety hazard tha	at would result in injury.
The source of the release has been stopped	True	
The impacted area has been secured to protect human health and the environment	True	
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True	
All free liquids and recoverable materials have been removed and managed appropriately	True	
If all the actions described above have not been undertaken, explain why	The spill wa	as not in containment.
Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediactions to date in the follow-up C-141 submission. If remedial efforts have been successfully comples Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure e	ted or if the relea	ase occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of
I hereby certify that the information given above is true and complete to the best of my to report and/or file certain release notifications and perform corrective actions for releast the OCD does not relieve the operator of liability should their operations have failed to water, human health or the environment. In addition, OCD acceptance of a C-141 report local laws and/or regulations.	ases which ma adequately inv	ay endanger public health or the environment. The acceptance of a C-141 report by restigate and remediate contamination that pose a threat to groundwater, surface
	Name: Jam	nes Raley

Title: EHS Professional

Email: jim.raley@dvn.com Date: 06/17/2024

I hereby agree and sign off to the above statement

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 District III

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1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS, Page 3

Action 354757

**QUESTIONS** (continued)

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	354757
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

#### QUESTIONS

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

o the appropriate district office no later than 90 days after the release discovery date.		
Yes		
on associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.		
Yes		
No		
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)		
194		
24900		
19900		
48		
0.3		
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.		
03/28/2024		
10/01/2024		
11/01/2024		
0		
0		
9866		
1462		
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.		
1		

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

District I

Phone: (575) 393-6161 Fax: (575) 393-0720

District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 **District III** 

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462 State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 4

Action 354757

### **QUESTIONS** (continued)

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	354757
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

#### QUESTIONS

Remediation Plan (continued)		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:		
(Select all answers below that apply.)		
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Not answered.	
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.	
(In Situ) Soil Vapor Extraction	Not answered.	
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Yes	
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.	
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.	
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.	
OTHER (Non-listed remedial process)  Not answered.		
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC		

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC which includes the anticipated timelines for beginning and completing the remediation.

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

I hereby agree and sign off to the above statement

Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 06/17/2024

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.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS, Page 5

Action 354757

### **QUESTIONS** (continued)

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	354757
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

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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1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS, Page 6

Action 354757

**QUESTIONS** (continued)

On a section	OORID:
Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	354757
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

Sampling Event Information	
Last sampling notification (C-141N) recorded	329661
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/08/2024
What was the (estimated) number of samples that were to be gathered	20
What was the sampling surface area in square feet	5496

Rei	mediation Closure Request		
Onl	Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.		
F	Requesting a remediation closure approval with this submission	No	

District III

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

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

CONDITIONS

Action 354757

## **CONDITIONS**

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	354757
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

#### CONDITIONS

Created By	Condition	Condition Date
nvelez	Remediation plan is approved as written and with the following conditions; 1. WPX's soil shredding method to remediate is approved for hydrogen peroxide application only. WPX must provide proof (e.g. photo documentation) that a physical barrier will be used to eliminate the follow up vadose zone sampling during the soil shredding process. 2. Sampling frequency increase from 200 to 500 square feet per one (1) 5-point composite is approved for the excavation floor sampling. Sidewall confirmation sampling will remain at 200 square feet per one (1) 5-point composite. 3. WPX has 90-days (September 26, 2024) to submit to OCD its appropriate or final remediation closure report.	6/28/2024

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Phone: (505) 629-6116
Online Phone Directory
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# State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS

Action 485554

## **QUESTIONS**

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	485554
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

Prerequisites	
Incident ID (n#)	nAPP2106147760
Incident Name	NAPP2106147760 FLAGLER 8 CTB 1 @ 0
Incident Type	Oil Release
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP2122855254] FLAGLER 8 CTB 1

Location of Release Source	
Please answer all the questions in this group.	
Site Name	FLAGLER 8 CTB 1
Date Release Discovered	02/16/2021
Surface Owner	Federal

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

Nature and Volume of Release		
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.		
Crude Oil Released (bbls) Details	Cause: Other   Other (Specify)   Crude Oil   Released: 12 BBL   Recovered: 8 BBL   Lost: 4 BBL.	
Produced Water Released (bbls) Details	Not answered.	
Is the concentration of chloride in the produced water >10,000 mg/l	No	
Condensate Released (bbls) Details	Not answered.	
Natural Gas Vented (Mcf) Details	Not answered.	
Natural Gas Flared (Mcf) Details	Not answered.	
Other Released Details	Not answered.	
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.	

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

QUESTIONS, Page 2

Action 485554

QUESTI	ONS (continued)
Operator:  WPX Energy Permian, LLC  Devon Energy - Regulatory  Oklahoma City, OK 73102	OGRID: 246289  Action Number: 485554  Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)
QUESTIONS	
Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	e. gas only) are to be submitted on the C-129 form.
Initial Response	
The responsible party must undertake the following actions immediately unless they could create a s	afety hazard that would result in injury.
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	The spill was not in containment.
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releate the OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com

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, Page 3

Action 485554

**QUESTIONS** (continued)

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	485554
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

#### QUESTIONS

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

Remediation Plan		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
Requesting a remediation plan approval with this submission	Yes	
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination	on associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Was this release entirely contained within a lined containment area	No	
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)		
Chloride (EPA 300.0 or SM4500 Cl B)	194	
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	24900	
GRO+DRO (EPA SW-846 Method 8015M)	19900	
BTEX (EPA SW-846 Method 8021B or 8260B)	48	
Benzene (EPA SW-846 Method 8021B or 8260B)	0.3	
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC which includes the anticipated timelines for beginning and completing the remediation.		
On what estimated date will the remediation commence	03/28/2024	
On what date will (or did) the final sampling or liner inspection occur	10/01/2024	
On what date will (or was) the remediation complete(d)	11/01/2024	
What is the estimated surface area (in square feet) that will be reclaimed	0	
What is the estimated volume (in cubic yards) that will be reclaimed	0	
What is the estimated surface area (in square feet) that will be remediated	9866	
What is the estimated volume (in cubic yards) that will be remediated	1462	
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.		

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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

QUESTIONS, Page 4

Action 485554

**QUESTIONS** (continued)

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	485554
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

#### QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Yes
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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

I hereby agree and sign off to the above statement

Name: James Raley
Title: EHS Professional
Email: jim.raley@dvn.com
Date: 07/17/2025

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

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

QUESTIONS, Page 5

Action 485554

QUESTIONS (continued)

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	485554
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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

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

QUESTIONS, Page 6

Action 485554

**QUESTIONS** (continued)

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	485554
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

#### QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	440339
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/11/2025
What was the (estimated) number of samples that were to be gathered	10
What was the sampling surface area in square feet	9867

Remediation Closure Request		
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.		
Requesting a remediation closure approval with this submission	Yes	
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Was this release entirely contained within a lined containment area	No	
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes	
What was the total surface area (in square feet) remediated	9866	
What was the total volume (cubic yards) remediated	1750	
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes	
What was the total surface area (in square feet) reclaimed	9866	
What was the total volume (in cubic yards) reclaimed	1750	
Summarize any additional remediation activities not included by answers (above)	The Site was remediated in accordance with an approved Remediation Plan, ultimately removing 1,750 CY of residual impacted soil and has been backfilled with clean, locally sourced material, and recontoured to match the original conditions as close as possible. Prior to backfilling, stockpile soil samples were collected and submitted for lab analysis for constituents of concern identified by Table I.	

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 07/17/2025
--	---

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

QUESTIONS, Page 7

Action 485554

**QUESTIONS** (continued)

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory Oklahoma City, OK 73102	Action Number: 485554
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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

CONDITIONS

Action 485554

### **CONDITIONS**

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	485554
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### CONDITIONS

Create By	d Condition	Condition Date
nvel	z None	8/12/2025