



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 nRM2014360340

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

Lea County, New Mexico

(32.140569°, -103.6019808°)

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 produced water at the Flagler 8 CTB 1 (Site) (**Figure 1** in **Appendix A**). Based on laboratory analytical results from final confirmation soil sampling activities, Devon is requesting No Further Remedial Action (NFRA) for Incident Number nRM2014360340.

SITE LOCATION AND RELEASE BACKGROUND

As originally documented on the SCRCP, a water pipeline failure caused the release of approximately 364.917 barrels (bbls) of produced water onto adjacent pasture, located west of the well pad, and was assigned Incident Number nRM2014360340. The SCRCP proposed corrective actions to address an area with identified impacts exceeding the applicable Site Closure Criteria, hereafter referred to as the Area of Concern (AOC) (**Figure 2** in **Appendix A**). The SCRCP was received and approved by the NMOCD "as written" on December 10, 2024.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

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

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

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


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

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

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

EXCAVATION SOIL SAMPLING ACTIVITIES

On February 21, 2025, Etech oversaw the excavation of the AOC via mechanical equipment per 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 soil samples from the excavation at a sampling frequency of 200 square feet (sqft). The 5-point composite confirmation soil samples were comprised of five equivalent aliquots homogenized in a 1-gallon, resealable plastic bag. The samples were then placed on ice and transported under strict chain-of-custody procedures to Envirotech, Inc. (Envirotech) in Farmington, New Mexico for analysis of the COCs.

<div style="display: flex; align-items: center; justify-content: space-between;">  <div> Table 1 SOIL SAMPLE ANALYTICAL RESULTS Devon Energy Production Company, LP Flagler 8 CTB 1 Lea County, New Mexico </div> </div>										
NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Low Karst)										
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)
			10	50	NE	NE	NE	1,000	2,500	10,000
Excavation Soil Samples - Incident Number nRM2014360340										
FS01	02/24/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	55.5
SW01	02/24/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	60.3
SW02	02/24/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	64.7
Backfill Soil Sample - Incident Number nRM2014360340										
SC01	03/11/2025	N/A	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	69.5

Approximately 30 cubic yards (CY) of impacted soil was excavated and removed from the Site. Impacted soil was transported to the R360 Red Bluff Landfill Facility in Orla, Texas under Devon approved waste manifests. The excavation extent and the locations 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**.

RECLAMATION

Concurrently with backfilling activities, Etech assessed the backfill material for its capacity to host vegetative growth. One 5-point composite soil sample of the backfill material (SC01) was collected, handled, and analyzed by Envirotech as previously described. For comparison, one discrete background soil sample (BG01) was collected from outside of the excavation disturbance area at 0.25-foot bgs via hand shovel for the purpose of field screening only. Soil samples SC01 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 appear 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**.

On March 11, 2025, the excavation, measuring approximately 200 sqft, was backfilled with 30 CY of the clean tested, locally sourced backfill material, 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 grade to prevent ponding of water and erosion. BLM Seed Mix #2 (LPC Sand/Shinnery Sites) will be hand-broadcasted over the entire disturbed area in the next favorable growing season 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 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. The location of the reclaimed area is shown in **Figure 3** in **Appendix A**. Photographic documentation of restoration activities is included in **Appendix C**.

CLOSURE REQUEST

Based on laboratory analytical results, WPX 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 nRM2014360340 should be respectfully considered for "Reclamation Report Approved".

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

Sincerely,
Etech Environmental and Safety Solutions, Inc.



Erick Herrera
Project Geologist



Joseph S. Hernandez
Senior Managing Geologist

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

Appendices:

Appendix A: Figure 1: Site Map

Figure 1A: Site Characterization Map – Groundwater

Figure 1B: Site Characterization Map – Surficial Receptors

Figure 1C: Site Characterization Map – Subsurface Receptors

Figure 2: Excavation Soil Sample Locations

Figure 3: Future Revegetation 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 BLM Seed Mixture 2, for LPC Sand/Shinnery Sites

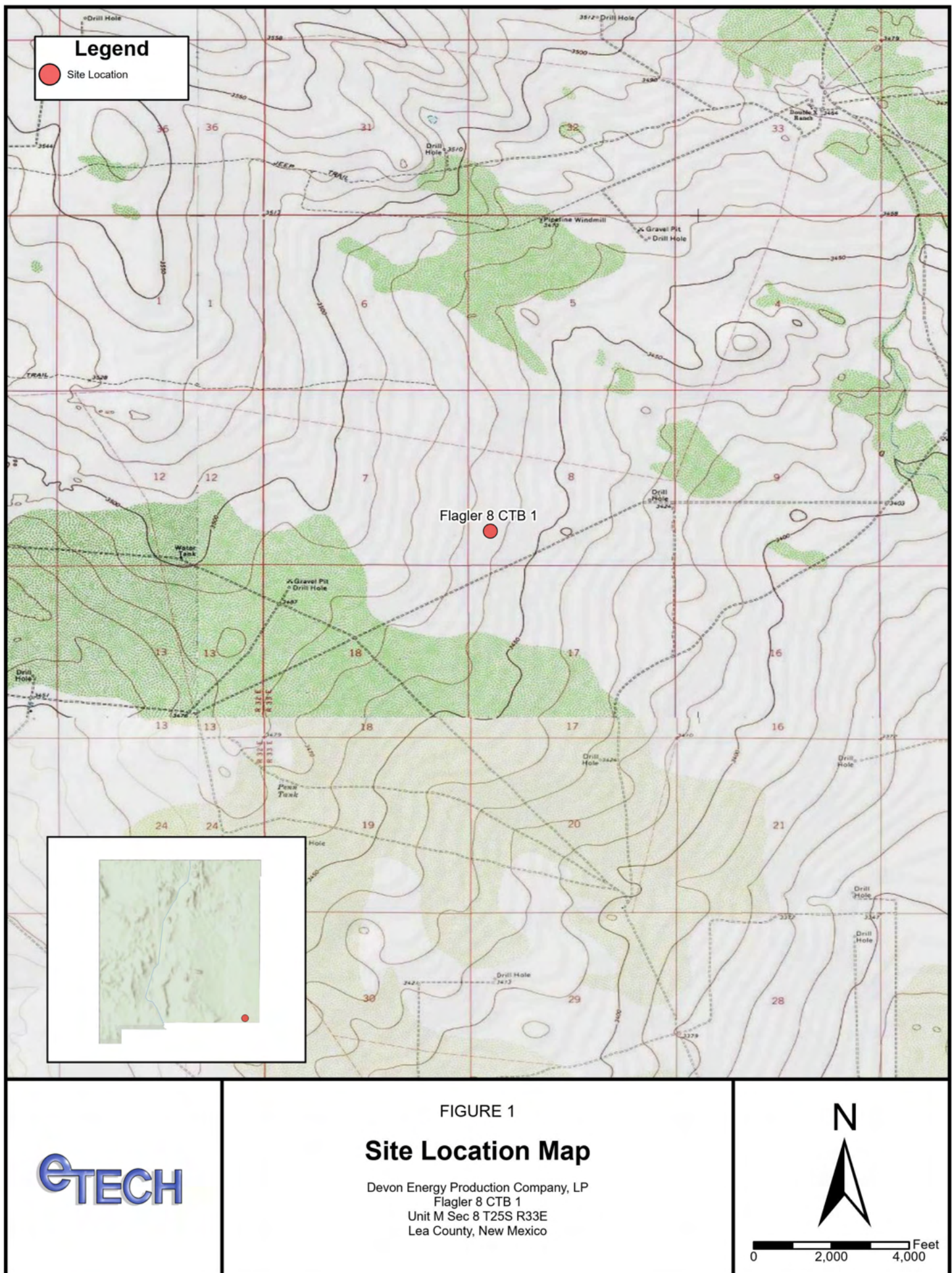
Appendix G: BLM Seed Mixture 2, for LPC Sand/Shinnery Sites

Appendix H: Correspondence & Notifications

Appendix I: Archived Reports

APPENDIX A

Figures



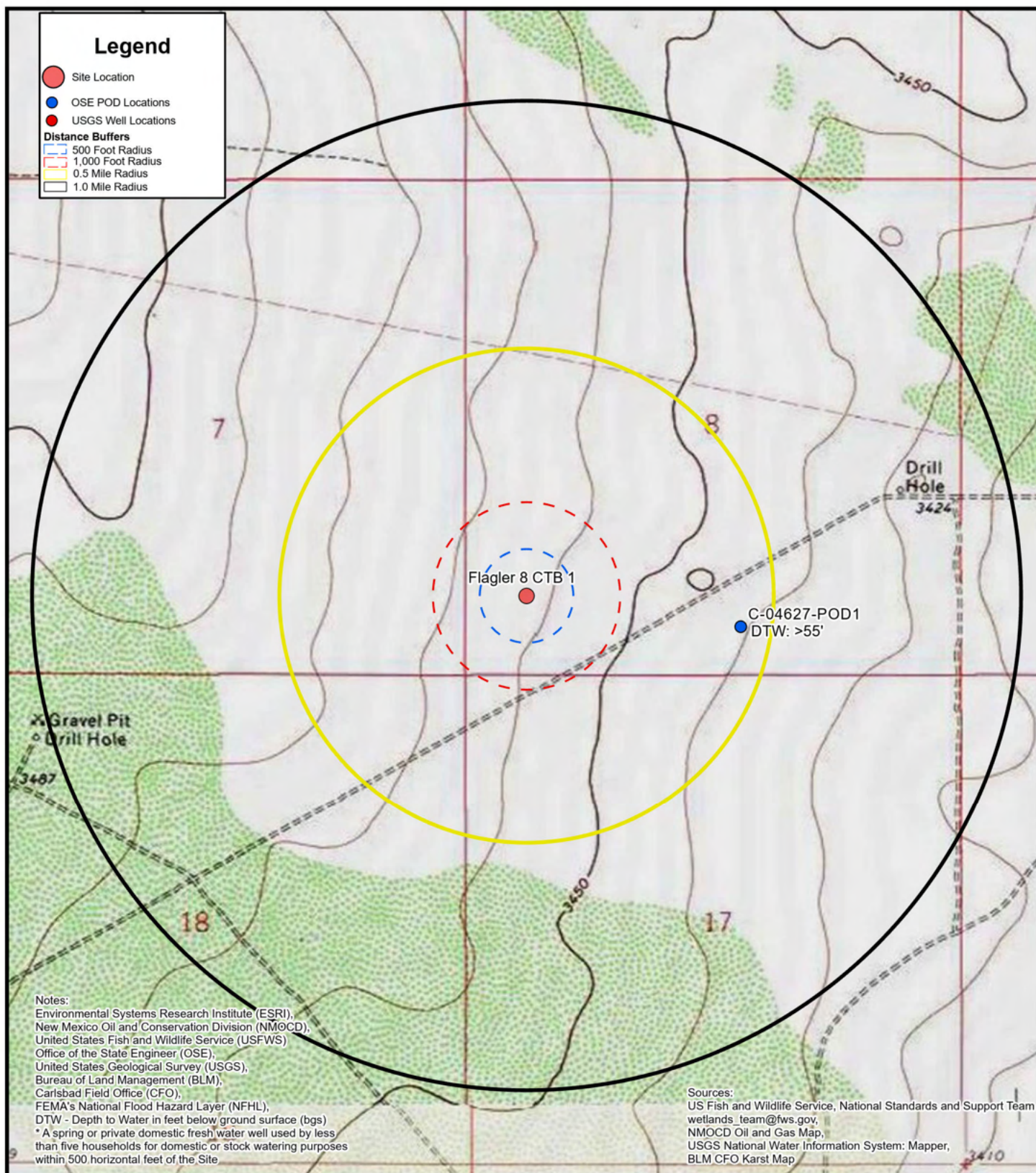
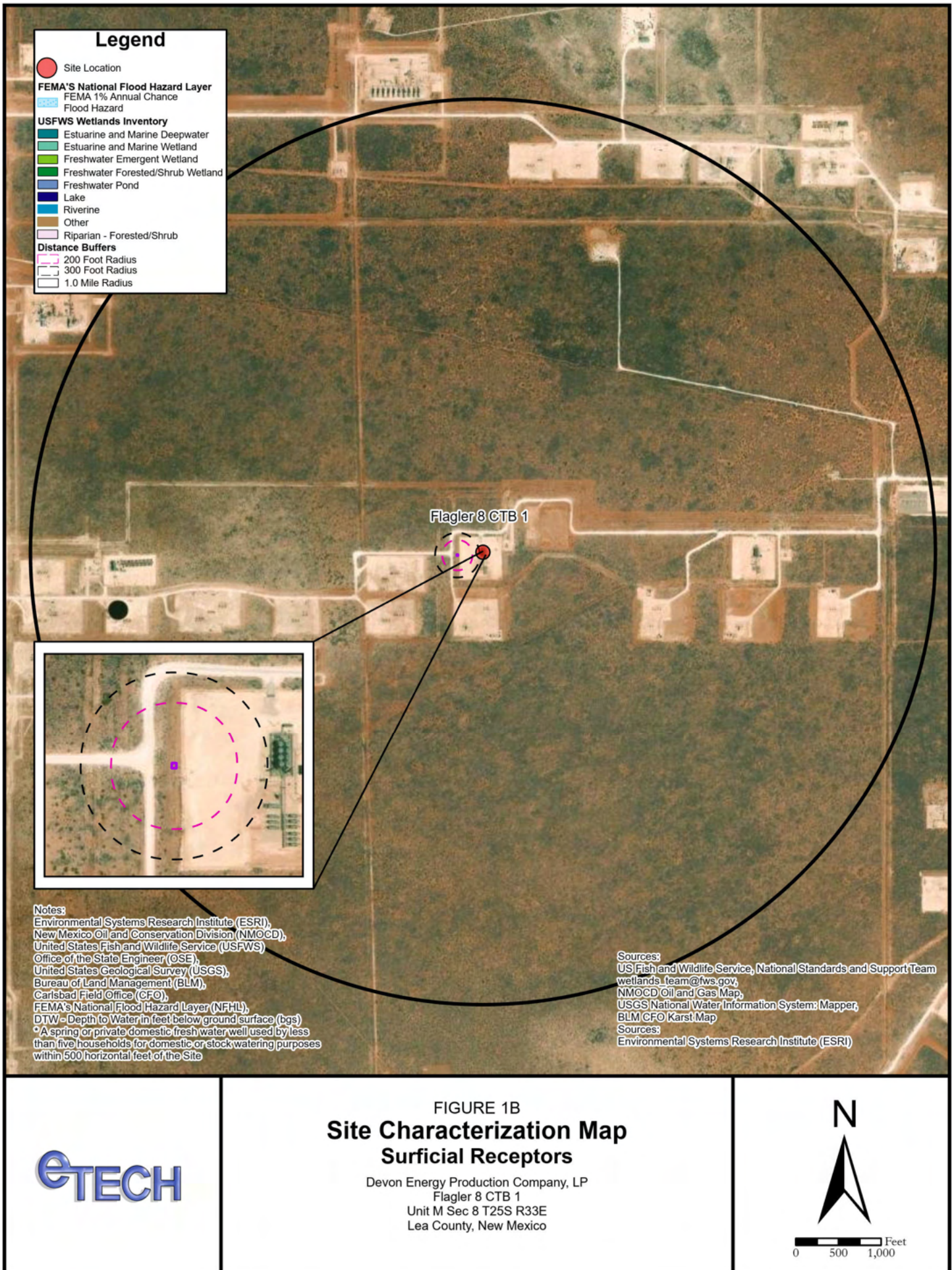


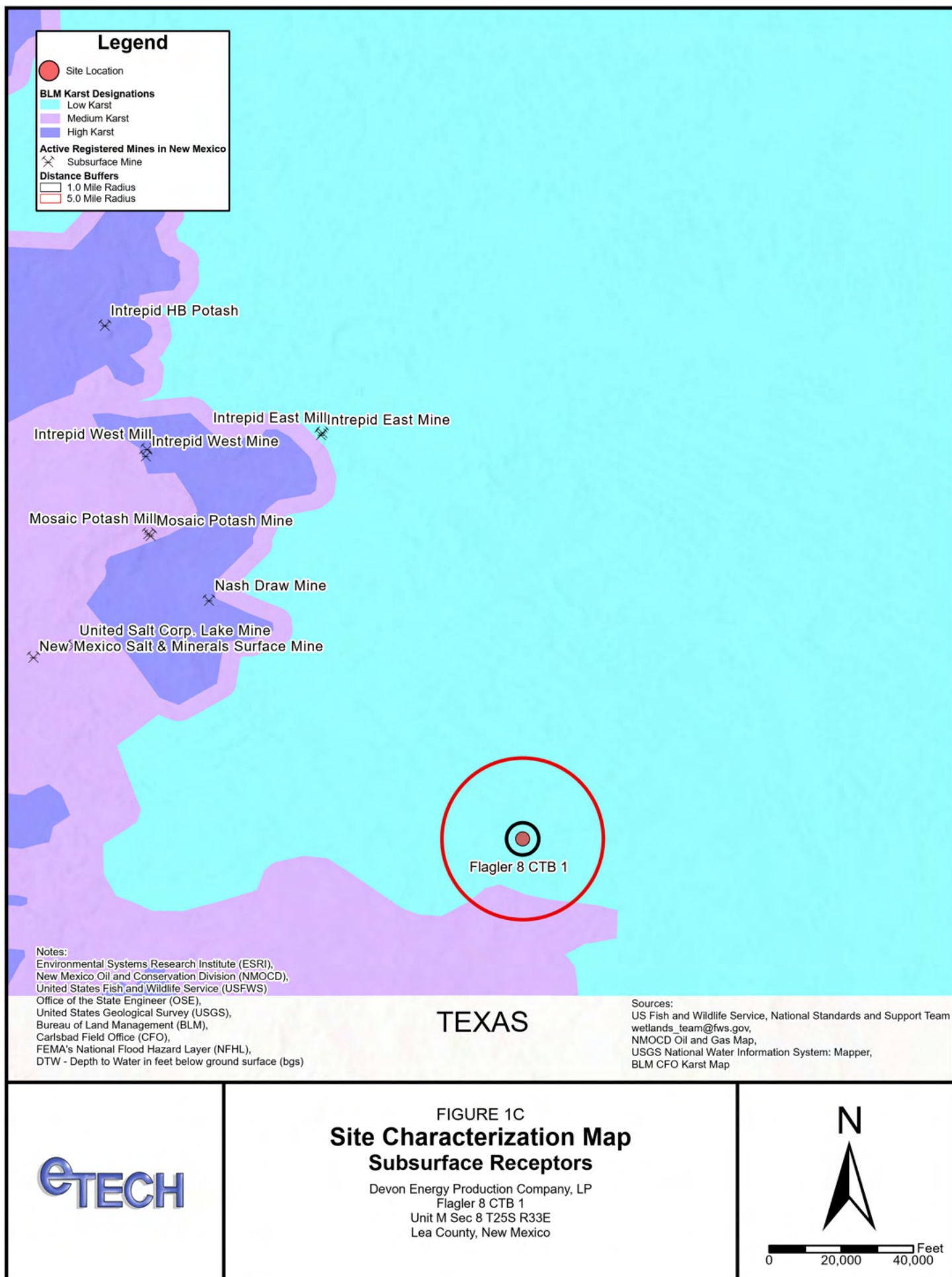
FIGURE 1A Site Characterization Map Groundwater

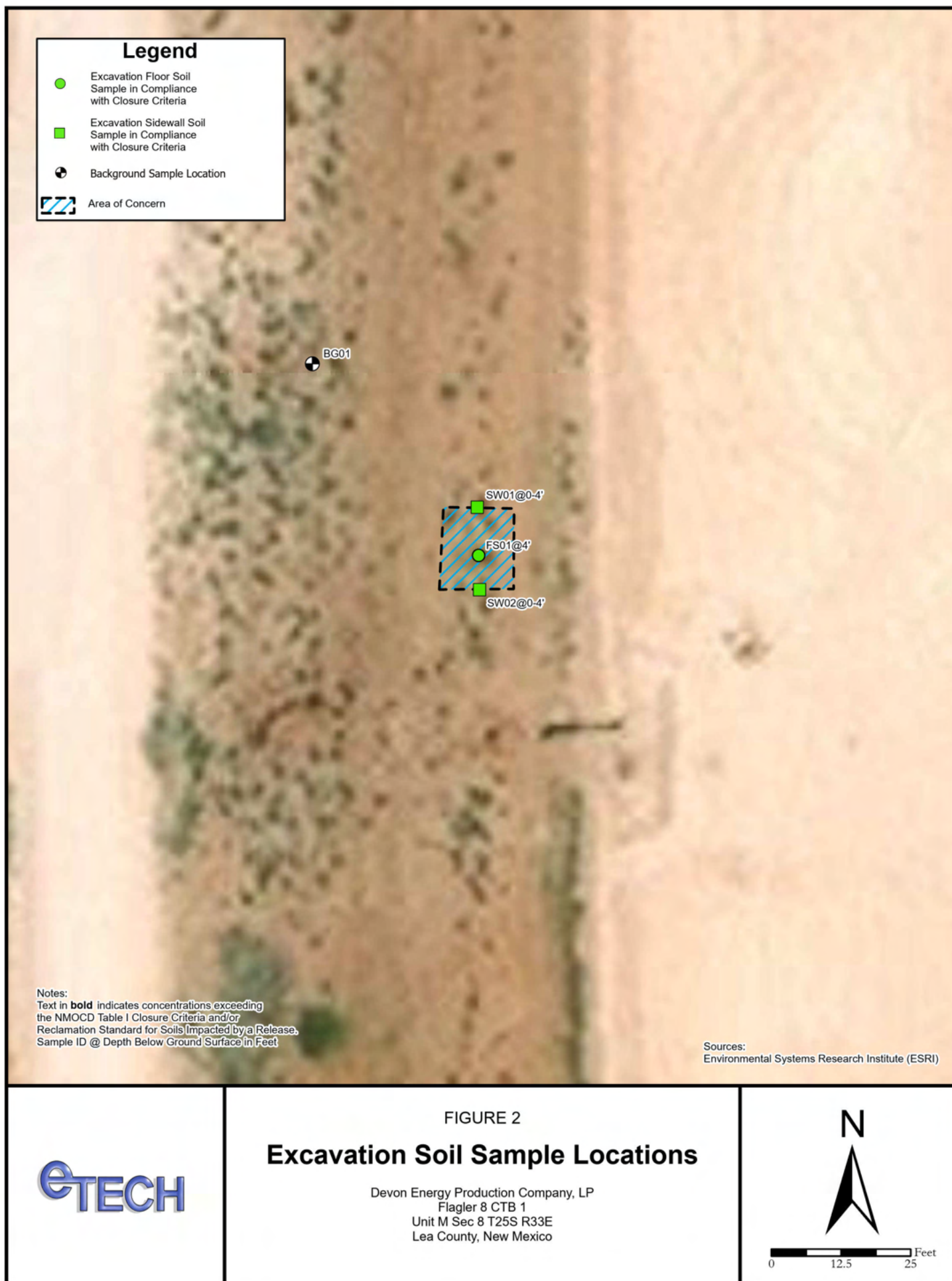
Devon Energy Production Company, LP
Flagler 8 CTB 1
Unit M Sec 8 T25S R33E
Lea County, New Mexico

eTECH











APPENDIX B

Well Reference Records



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

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

FOR OSE INTERNAL USE

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

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

4. HYDROGEOLOGIC LOG OF WELL

5. TEST: RIG SUPERVISION

5. SIGNATURE

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 01/28/2022)	
FILE NO.	C-4627-POD 1	POD NO.	1
LOCATION		TRN NO.	726174
25 33 08.334		WELL TAG ID NO.	—
		PAGE 2 OF 2	

Mike A. Hamman, P.E.
State Engineer



Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

**STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER**

Trn Nbr: 726174
File Nbr: C 04627
Well File Nbr: C 04627 POD1

Jun. 18, 2022

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

Greetings:

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

The Well Record was received in this office on 06/18/2022, stating that it had been completed on 06/07/2022, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 05/24/2023.

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

Sincerely,

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

Maret Amaral
(575) 622-6521

drywell



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

June 8, 2022

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

Hand Delivered to the DII Office of the State Engineer

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

To whom it may concern:

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

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

Sincerely,

A handwritten signature in black ink, appearing to read "Lucas Middleton". The signature is written in a cursive, flowing style.

Lucas Middleton

Enclosures: as noted above

OSE DII JUN 16 2022 PM3:10

APPENDIX C

Photographic Log

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





PHOTOGRAPHIC LOG

Devon Energy Production Company, LP

Flagler 8 CTB 1

Incident Number: nRM2014360340



Photograph 1

Date: 02/21/2025

Description: Southern view of excavation activities.



Photograph 2

Date: 03/11/2025

Description: Southeastern view of backfill stockpile soil sample nutrient test results.



Photograph 3

Date: 03/11/2025

Description: Description: Western view of completed restoration activities.



Photograph 4

Date: 03/11/2025

Description: Northwestern view of completed restoration activities.

APPENDIX D

Tables



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

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	DRO+GRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	10,000
Excavation Soil Samples - Incident Number nRM2014360340										
FS01	02/24/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	55.5
SW01	02/24/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	60.3
SW02	02/24/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	64.7
Backfill Soil Sample - Incident Number nRM2014360340										
SC01	03/11/2025	N/A	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	69.5

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 Standard¹ for Soils Impacted by a Release

¹ The reclamation concentration requirements of 600 mg/kg chloride and 100 mg/kg TPH apply to the top 4 feet of areas to be immediately reclaimed following remediation pursuant to NMAC 19.15.17.13.

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



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

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Nitrogen	Potash	Phosphorous	PH (ppm)	Chloride (ppm)
Backfill Soil Samples - Incident Number nRM2014360340							
SC01	03/11/2025	N/A	Very Low	Low	Very Low	7.5	69.5
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

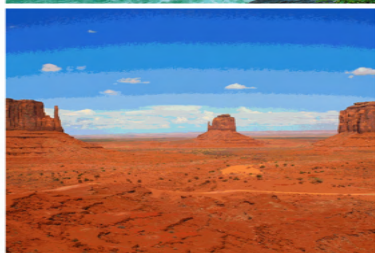
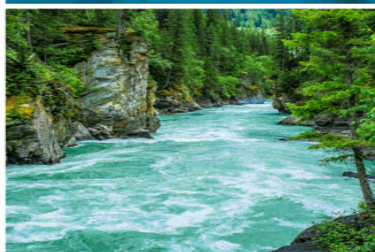
APPENDIX E

Laboratory Analytical Reports & Chain-of-Custody Documentation

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



Report to:
Anna Byers



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: FLAGLER 8 CTB 1

Work Order: E502251

Job Number: 01058-0007

Received: 2/26/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/4/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 3/4/25



Anna Byers
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: FLAGLER 8 CTB 1
Workorder: E502251
Date Received: 2/26/2025 4:30:00AM

Anna Byers,

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

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

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

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

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

Respectfully,

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

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

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

Michelle Gonzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzaless@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:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	03/04/25 08:00

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS01 4'	E502251-01A	Soil	02/24/25	02/26/25	Glass Jar, 2 oz.
SW01 0-4'	E502251-02A	Soil	02/24/25	02/26/25	Glass Jar, 2 oz.
SW02 0-4'	E502251-03A	Soil	02/24/25	02/26/25	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: FLAGLER 8 CTB 1 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 3/4/2025 8:00:42AM
---	--	---------------------------------

FS01 4'
E502251-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2509065	
Benzene	ND	0.0250	1	02/26/25	02/27/25	
Ethylbenzene	ND	0.0250	1	02/26/25	02/27/25	
Toluene	ND	0.0250	1	02/26/25	02/27/25	
o-Xylene	ND	0.0250	1	02/26/25	02/27/25	
p,m-Xylene	ND	0.0500	1	02/26/25	02/27/25	
Total Xylenes	ND	0.0250	1	02/26/25	02/27/25	
Surrogate: 4-Bromochlorobenzene-PID	81.3 %	70-130		02/26/25	02/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2509065	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/26/25	02/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID	92.9 %	70-130		02/26/25	02/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM		Batch: 2509077	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/26/25	02/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/26/25	02/26/25	
Surrogate: n-Nonane	106 %	61-141		02/26/25	02/26/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2509069	
Chloride	55.5	20.0	1	02/26/25	02/26/25	



Sample Data

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

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

Reported:
3/4/2025 8:00:42AM

SW01 0-4'

E502251-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2509065	
Benzene	ND	0.0250	1	02/26/25	02/27/25	
Ethylbenzene	ND	0.0250	1	02/26/25	02/27/25	
Toluene	ND	0.0250	1	02/26/25	02/27/25	
o-Xylene	ND	0.0250	1	02/26/25	02/27/25	
p,m-Xylene	ND	0.0500	1	02/26/25	02/27/25	
Total Xylenes	ND	0.0250	1	02/26/25	02/27/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	81.2 %	70-130		02/26/25	02/27/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2509065	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/26/25	02/27/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.9 %	70-130		02/26/25	02/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: HM		Batch: 2509077	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/26/25	02/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/26/25	02/26/25	
<i>Surrogate: n-Nonane</i>						
	106 %	61-141		02/26/25	02/26/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2509069	
Chloride	60.3	20.0	1	02/26/25	02/26/25	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: FLAGLER 8 CTB 1 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 3/4/2025 8:00:42AM
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SW02 0-4'
E502251-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2509065	
Benzene	ND	0.0250	1	02/26/25	02/27/25	
Ethylbenzene	ND	0.0250	1	02/26/25	02/27/25	
Toluene	ND	0.0250	1	02/26/25	02/27/25	
o-Xylene	ND	0.0250	1	02/26/25	02/27/25	
p,m-Xylene	ND	0.0500	1	02/26/25	02/27/25	
Total Xylenes	ND	0.0250	1	02/26/25	02/27/25	
Surrogate: 4-Bromochlorobenzene-PID	80.4 %	70-130		02/26/25	02/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2509065	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/26/25	02/27/25	
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	Analyst: HM		Batch: 2509077	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/26/25	02/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/26/25	02/26/25	
Surrogate: n-Nonane	104 %	61-141		02/26/25	02/26/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2509069	
Chloride	64.7	20.0	1	02/26/25	02/26/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	3/4/2025 8:00:42AM

Volatile Organics by EPA 8021B

Analyst: SL

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

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

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

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

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

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

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

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



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	3/4/2025 8:00:42AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

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

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

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

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

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

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

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

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



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	3/4/2025 8:00:42AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

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

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

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

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



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	3/4/2025 8:00:42AM

Anions by EPA 300.0/9056A

Analyst: AK

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

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

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



Definitions and Notes

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	03/04/25 08:00

- 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		Lab Use Only		TAT				EPA Program						
Project: FLAGLER 8 CTB 1				Attention: Jim Raley		Lab WO#		Job Number		1D	2D	3D	Standard	CWA	SDWA			
Project Manager: Anna Byers				Address: 5315 Buena Vista Dr.		E502251		01058-0007					5 day TAT					
Address: 13000 W County Rd 100				City, State, Zip: Carlsbad, NM, 88220		Analysis and Method								RCRA				
City, State, Zip: Odessa, TX, 79765				Phone: 575-885-7502		Depth (ft.)	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	TX	State				
Phone: 432-305-6415				Email: jim.raley@dv.com										NM	CO	UT	AZ	TX
Email: Devon-team@etechnv.com				WO: 21179750														
Etech project#: 19290				Incident ID: nRM2014360340														
Collected by: Edyte Konan																		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number									Remarks				
9:00	02.24.25	S	1	FS01	1	4'						X						
9:10	02.24.25	S	1	SW01	2	0-4'						X						
9:20	02.24.25	S	1	SW02	3	0-4'						X						
02/25/2025																		
Additional Instructions:																		
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: GM																		
Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6°C on subsequent days.																		
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Lab Use Only						
Michelle Gonzales		02/25/25		09:00		Michelle Gonzales		2-25-25		0900		Received on ice: Y / N						
Michelle Gonzales		2-25-25		1530		Adam M.		2-23-25		1700		T1 T2 T3						
Adam M.		2-25-25		2330		Karyn R. Held		2-26-25		0430		AVG Temp °C 4						
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																		
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																		
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																		



envirotech

Envirotech Analytical Laboratory

Printed: 2/26/2025 11:01:33AM

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:	E502251
Phone:	(575) 748-0176	Date Logged In:	02/25/25 15:11	Logged In By:	Caitlin Mars
Email:	anna@etechnv.com	Due Date:	03/04/25 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

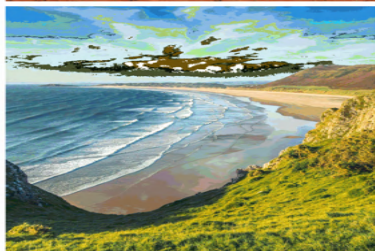
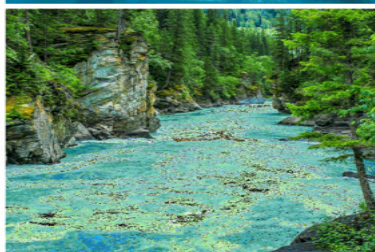
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Anna Byers



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: FLAGLER 8 CTB 1

Work Order: E503073

Job Number: 01058-0007

Received: 3/13/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/14/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 3/14/25



Anna Byers
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: FLAGLER 8 CTB 1
Workorder: E503073
Date Received: 3/13/2025 5:00:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/13/2025 5:00:00AM, under the Project Name: FLAGLER 8 CTB 1.

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

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

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

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

Respectfully,

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

Raina Schwanz
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Sample Summary

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	03/14/25 12:51

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SC01	E503073-01A	Soil	03/11/25	03/13/25	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: FLAGLER 8 CTB 1 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 3/14/2025 12:51:24PM
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SC01
E503073-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2511046	
Benzene	ND	0.0250	1	03/13/25	03/13/25	
Ethylbenzene	ND	0.0250	1	03/13/25	03/13/25	
Toluene	ND	0.0250	1	03/13/25	03/13/25	
o-Xylene	ND	0.0250	1	03/13/25	03/13/25	
p,m-Xylene	ND	0.0500	1	03/13/25	03/13/25	
Total Xylenes	ND	0.0250	1	03/13/25	03/13/25	
Surrogate: 4-Bromochlorobenzene-PID	95.2 %	70-130		03/13/25	03/13/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2511046	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/13/25	03/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID	90.5 %	70-130		03/13/25	03/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2511049	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/25	03/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/25	03/13/25	
Surrogate: n-Nonane	98.5 %	61-141		03/13/25	03/13/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2511044	
Chloride	69.5	20.0	1	03/13/25	03/13/25	

QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	3/14/2025 12:51:24PM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2511046-BLK1)

Prepared: 03/13/25 Analyzed: 03/13/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.36		8.00		104	70-130			

LCS (2511046-BS1)

Prepared: 03/13/25 Analyzed: 03/13/25

Benzene	4.91	0.0250	5.00		98.3	70-130			
Ethylbenzene	4.75	0.0250	5.00		94.9	70-130			
Toluene	4.85	0.0250	5.00		97.0	70-130			
o-Xylene	4.75	0.0250	5.00		95.1	70-130			
p,m-Xylene	9.66	0.0500	10.0		96.6	70-130			
Total Xylenes	14.4	0.0250	15.0		96.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.31		8.00		104	70-130			

LCS Dup (2511046-BSD1)

Prepared: 03/13/25 Analyzed: 03/13/25

Benzene	4.89	0.0250	5.00		97.8	70-130	0.511	20	
Ethylbenzene	4.74	0.0250	5.00		94.7	70-130	0.226	20	
Toluene	4.83	0.0250	5.00		96.5	70-130	0.535	20	
o-Xylene	4.73	0.0250	5.00		94.5	70-130	0.558	20	
p,m-Xylene	9.63	0.0500	10.0		96.3	70-130	0.305	20	
Total Xylenes	14.4	0.0250	15.0		95.7	70-130	0.389	20	
Surrogate: 4-Bromochlorobenzene-PID	8.30		8.00		104	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	3/14/2025 12:51:24PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2511046-BLK1) Prepared: 03/13/25 Analyzed: 03/13/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.12		8.00		89.0	70-130			

LCS (2511046-BS2) Prepared: 03/13/25 Analyzed: 03/13/25

Gasoline Range Organics (C6-C10)	38.1	20.0	50.0		76.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.25		8.00		90.6	70-130			

LCS Dup (2511046-BSD2) Prepared: 03/13/25 Analyzed: 03/13/25

Gasoline Range Organics (C6-C10)	39.2	20.0	50.0		78.4	70-130	2.77	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.23		8.00		90.4	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	3/14/2025 12:51:24PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2511049-BLK1)					Prepared: 03/13/25 Analyzed: 03/13/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.0		50.0		95.9	61-141			

LCS (2511049-BS1)					Prepared: 03/13/25 Analyzed: 03/13/25				
Diesel Range Organics (C10-C28)	223	25.0	250		89.2	66-144			
Surrogate: n-Nonane	49.3		50.0		98.6	61-141			

Matrix Spike (2511049-MS1)					Source: E503071-02		Prepared: 03/13/25 Analyzed: 03/13/25		
Diesel Range Organics (C10-C28)	339	25.0	250	127	84.9	56-156			
Surrogate: n-Nonane	49.2		50.0		98.4	61-141			

Matrix Spike Dup (2511049-MSD1)					Source: E503071-02		Prepared: 03/13/25 Analyzed: 03/13/25		
Diesel Range Organics (C10-C28)	435	25.0	250	127	123	56-156	24.9	20	M4
Surrogate: n-Nonane	49.8		50.0		99.6	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	3/14/2025 12:51:24PM

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (2511044-BLK1)					Prepared: 03/13/25 Analyzed: 03/13/25				
Chloride	ND	20.0							
LCS (2511044-BS1)					Prepared: 03/13/25 Analyzed: 03/13/25				
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2511044-MS1)					Source: E503073-01		Prepared: 03/13/25 Analyzed: 03/13/25		
Chloride	329	20.0	250	69.5	104	80-120			
Matrix Spike Dup (2511044-MSD1)					Source: E503073-01		Prepared: 03/13/25 Analyzed: 03/13/25		
Chloride	324	20.0	250	69.5	102	80-120	1.62	20	

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



Definitions and Notes

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	03/14/25 12:51

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

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

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



Client: Devon Energy Production Co LP				Bill To		Lab Use Only				TAT			EPA Program					
Project: FLAGLER 8 CTB 1				Attention: Jim Raley		Lab WO#		Job Number		1D	2D	3D	Standard	CWA	SDWA			
Project Manager: Anna Byers				Address: 5315 Buena Vista Dr.		E503073		0658-0007		X			5 day TAT					
Address: 13000 W County Rd 100				City, State, Zip: Carlsbad, NM, 88220		Analysis and Method									RCRA			
City, State, Zip: Odessa, TX, 79765				Phone: 575-885-7502		Depth (ft.)	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	GDOC TX	State				
Phone: 432-305-6415				Email: jim.raley@devn.com										NM	CO	UT	AZ	TX
Email: Devon-team@etechnv.com				WO: 21179750														
Project #: 19290				Incident ID: nRM2014360340														
Collected by: Haleigh Blume																		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number									Remarks				
14:35	03.11.25	S	1	SC01	1	N/A						X						

Additional Instructions:

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

Sampled by: HB

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: Y / N T1 _____ T2 _____ T3 _____ AVG Temp °C 4
Michelle Gonzales	3-11-25		Michelle Gonzales	3-12-25	1130	
Michelle Gonzales	3-12-25	1545	Richard Gonzales	3-12-25	1545	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
Richard Gonzales	3-12-25	2145	Michelle Gonzales	3-13-25	0500	

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

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

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



Envirotech Analytical Laboratory

Printed: 3/13/2025 9:12:33AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	03/13/25 05:00	Work Order ID:	E503073
Phone:	(575) 748-0176	Date Logged In:	03/12/25 14:40	Logged In By:	Caitlin Mars
Email:	anna@etechnv.com	Due Date:	03/13/25 17:00 (0 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

APPENDIX F

Holdall® Soil Test Kit Manual

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



HoldAll®
Decorative Plant Accessories

40 TESTS
DIRECTIONS INSIDE

SOIL TEST KIT



Plants & Flowers



Grasses & Lawns



Fruits & Veggies



Trees & Shrubs

757860

HoldAll®
Decorative Plant Accessories**757860**

SOIL TEST KIT

Tests Your Soil for a Healthy Garden

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

PREPARING YOUR SOIL SAMPLES

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

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

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

HOW TO TEST YOUR SOIL:

Tube caps and capsules are color-coded for simplicity:

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

pH TEST:

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



pH 7.5 - Alkaline

pH 7.0 - Neutral

pH 6.5 - Slight A

pH 6.0 - Acid

pH 5.5 - Acid

pH 5.0 - Very Acid

pH 4.5 - Very Acid

NITROGEN, PHOSPHORUS & POTASH TESTS:

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

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

- 1. Remove the cap from the tube. (Please note that the color of the capsules should match the color of the tube cap.) Using dropper provided, fill the tube to the fourth line with liquid from your soil mixture. Avoid disturbing the sediment
- 2. Carefully separate the two halves of one of the capsules. Pour the powder into the tube.
- 3. Cap the tube and shake thoroughly. Allow color to develop for 10 minutes.
- 4. Compare color of solution to the appropriate portion of the plant food color chart. For best results allow daylight, not direct sunlight, to illuminate the solution. Note your results. Repeat for remaining capsules.

TO RAISE OR LOWER pH OF YOUR SOIL

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

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

ADJUSTING pH

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

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

SOIL TYPES

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

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

ADJUSTING SOIL pH - HOW MUCH TO APPLY

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

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

FERTILIZER RECOMMENDATIONS

FEEDING PRIOR TO PLANTING

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

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

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

FEEDING ESTABLISHED PLANTS AND BEDS

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

RECOMMENDATIONS FOR N, P AND K RESULTS

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

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

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

SPECIAL RECOMMENDATIONS FOR LAWNS

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

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

RECOMMENDATIONS FOR LAWNS

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

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

Amounts listed are pounds per 1000 square feet.

SAFETY & HYGIENE

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

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

CAUTIONS

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

HoldAll®

Decorative Plant Accessories

Plant pH Preference List

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

Soil Test Kit Questions and Answers

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

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

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

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

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

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

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

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

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

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

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

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

Question: The testing capsule didn't dissolve.

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

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

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

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

HoldAll®
Decorative Plant Accessories

40 TESTS
DIRECTIONS INSIDE

SOIL TEST KIT

Tests Your Soil for a Healthy Garden

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

WHY TEST YOUR SOIL?

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

HOW TO TEST YOUR SOIL

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

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

WHEN TO TEST YOUR SOIL

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

Included in the kit are:

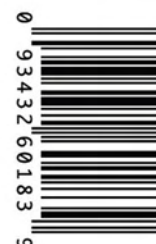
40 test capsules, 10 each for pH, N, P and K, Four (4) Color-coded Test Tubes, Test Tube Storage Dock, complete instructions for adjusting soil pH, fertilization guidelines and pH preference list for over 450 plants for the home, yard and garden.

Soil Test Kit Components
Complete Instruction
booklet Inside.



60183L

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



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APPENDIX G

BLM Seed Mixture 2, for LPC Sand/Shinnery Sites

Seed Mixture for LPC Sand/Shinnery Sites

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

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

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

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

*Pounds of pure live seed:

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

APPENDIX H

Correspondence & Notifications

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



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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 432342

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 432342
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nRM2014360340
Incident Name	NRM2014360340 FLAGLER 8 CTB 1 @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Plan Approved

Location of Release Source	
Site Name	FLAGLER 8 CTB 1
Date Release Discovered	12/07/2019
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	200
What is the estimated number of samples that will be gathered	10
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/24/2025
Time sampling will commence	07:00 AM
Please provide any information necessary for observers to contact samplers	Please contact Erick Herrera at 432-305-6416 with any questions
Please provide any information necessary for navigation to sampling site	From the intersection of Co Rd 2 and Resource Ln stay right at the fork and head south for 2.5 miles, turn right for 2.2 miles to reach Flagler CTB (32.140569, -103.602434).

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

CONDITIONS

Action 432342

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 432342
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

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

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

QUESTIONS

Action 440066

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 440066
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nRM2014360340
Incident Name	NRM2014360340 FLAGLER 8 CTB 1 @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Plan Approved

Location of Release Source	
Site Name	FLAGLER 8 CTB 1
Date Release Discovered	12/07/2019
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	200
What is the estimated number of samples that will be gathered	2
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/11/2025
Time sampling will commence	07:00 AM
Please provide any information necessary for observers to contact samplers	Please contact Erick Herrera at 432-305-6416 with any questions
Please provide any information necessary for navigation to sampling site	From the intersection of Co Rd 2 and Resource Ln stay right at the fork and head south for 2.5 miles, turn right for 2.2 miles to reach Flagler CTB (32.140569, -103.602434).

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

CONDITIONS

Action 440066

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 440066
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

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

APPENDIX I

Archived Reports

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





SITE CHARACTERIZATION AND REMEDIATION PLAN

Prepared For:

Devon Energy Production Company, LP

5315 Buena Vista Dr.

Carlsbad, NM 88220

Site Information:

Flagler 8 CTB 1

Incident Number nRM2014360340

Unit F, Section 21, Township 23 South, Range 32 East

Lea County, New Mexico

(32.140569°, -103.6019808°)

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, and subsequent confirmation soil sampling activities associated with an inadvertent release of produced water at the Flagler 8 CTB 1 (Site). Based on field observations, field screening activities and review of the laboratory analytical results from delineation soil sampling activities and confirmation soils sampling activities at the Site, Devon proposes to this SCRP, which summarizes initial response efforts and details remediation objectives to rectify suspected environmental impacts.

SITE LOCATION AND RELEASE BACKGROUND

The Site is located in Unit M, Section 8, Township 25 South, Range 33 East, in Lea County, New Mexico (32.140569°, -103.6019808°) 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 December 7, 2019, it was discovered that a produced water pipeline failure caused the release of approximately 364.917 barrels (bbls) of produced water onto the adjacent pasture easement. A vacuum truck was immediately dispatched and recovered approximately 306 bbls of fluid. Devon immediately notified the New Mexico Oil and Conservation Division (NMOCD) via email on December 7, 2019, following the release discovery, and reported the release on a Corrective Action Form C-141 (Form C-141), which was received by the NMOCD on May 20, 2020, and was subsequently assigned Incident Number nRM2014360340. **Figure 2 in Appendix A** depicts the estimated release area, hereafter referred to as the Area of Concern (AOC).

On August 13, 2024, a Sampling Variance Request (SVR) was submitted to the NMOCD requesting a sampling variance for 5-point composite confirmation soil samples to represent a maximum of 400 square feet (sqft) from the floor and 200 square feet from the sidewalls. The request was subsequently approved on August 14, 2024.

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 and estimated depth to groundwater at the Site, the following Closure Criteria was applied:

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

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

DELINEATION SOIL SAMPLING ACTIVITIES

Between March 28, 2024, and July 10, 2024, Etech conducted delineation activities to assess the presence or absence of residual soil impacts associated with the AOC. Fifteen delineation potholes (BH01 through BH15) were advanced via hand auger within and around the AOC. Delineation activities were driven by field screening soil for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride using Hach® chloride QuanTab® test strips. A minimum of two soil samples were collected from each delineation soil sampling location. 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 indicated that concentrations of COCs for all delineation soil samples were below the applicable Site Closure Criteria. 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**.

However, field screening results for BH04 indicated that chloride concentrations exceed the reclamation standard. Residual chloride exceedances within the top four feet bgs are characterized by concentrations ranging between 652 parts per million (ppm) and 1,284 ppm.

CONFIRMATION SOIL SAMPLING ACTIVITIES

On August 30, 2024, Etech collected 5-point composite confirmation soil samples within the AOC at the approved sampling frequency of 400 square feet (FS01 through FS14 and SW01 through SW08). The 5-point composite soil samples were comprised of five equivalent aliquots homogenized in a 1-gallon, resealable plastic bag. Confirmation soil samples were field screened, handled and analyzed as previously described. The location of the confirmation soil samples are shown in **Figure 3** in **Appendix A**. Photographic documentation during soil sampling activities is included in **Appendix D**.

CONFIRMATION LABORATORY ANALYTICAL RESULTS

Laboratory analytical results indicated that concentrations of COCs for all final 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 E**.

PROPOSED REMEDIATION WORK PLAN

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

- Laboratory analytical results for COC concentrations for all delineation soil samples are below the Site Closure Criteria and/or reclamation standard. However, field screening indicated the presence of residual chloride exceedances, defined by the reclamation standard, within proximity of soil sampling location BH04.
- Laboratory analytical results for delineation soil samples collected from within the AOC indicated that COC concentrations were below the Site Closure Criteria and are vertically delineated to the most stringent standards.
- Laboratory analytical results for delineation soil samples collected from BH02, and BH05 to BH06 and confirmation soil samples SW01 through SW08 indicated COC concentrations were below the Site Closure Criteria, which will assist with defining the lateral extent of impacts associated with the AOC.
- Laboratory analytical results for confirmation soil samples collected within the AOC indicated concentrations of COCs were below the Site Closure Criteria and/or reclamation standard.

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

- Removal of impacted soil indicated by elevated chloride concentrations above the applicable reclamation standard. The excavation will be advanced vertically and laterally until the applicable reclamation standard is met within the top 4 feet via mechanical equipment of a 200 sqft confirmation sampling requirement for the area to be excavated. Confirmation sample location(s) will be mapped using a handheld GPS unit and submitted to an accredited laboratory for analysis of BTEX (Method EPA 8260B), TPH (Method EPA 8015D) and chloride (Method EPA 300.0).
- Based on current delineation soil sampling results, an estimated 30 cubic yards of soil is anticipated to be removed from the Site in accordance with state and federal regulations. The proposed excavation area is show in **Figure 4** in **Appendix A**.
- Upon receipt of soil sample laboratory analytical results, the excavation will be backfilled with clean, locally sourced soil and restored to "as close as possible to its original state" as possible.

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 nRM2014360340. Devon believes the scope of work described above will meet requirements set forth in NMAC 19.15.29.13 and be protective of human health, groundwater, and the environment. As such, Devon requests approval of this SCRP from the NMOCD.

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

Appendix G provides correspondence email notification receipts associated with the subject release. The approved SVR is included in **Appendix H**.

Sincerely,
Etech Environmental and Safety Solutions, Inc.



Erick Herrera
Project Geologist



Joseph S. Hernandez
Senior Managing Geologist

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

Appendices:

- Appendix A:** Figure 1: Site Map
 - Figure 1A: Site Characterization Map – Groundwater
 - Figure 1B: Site Characterization Map – Surficial Receptors
 - Figure 1C: Site Characterization Map – Subsurface Receptors
 - Figure 2: Delineation Soil Sample Locations
 - Figure 3: Confirmation Soil Sample Locations
 - Figure 4: 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 H:** Approved Sampling Variance Request

APPENDIX A

Figures

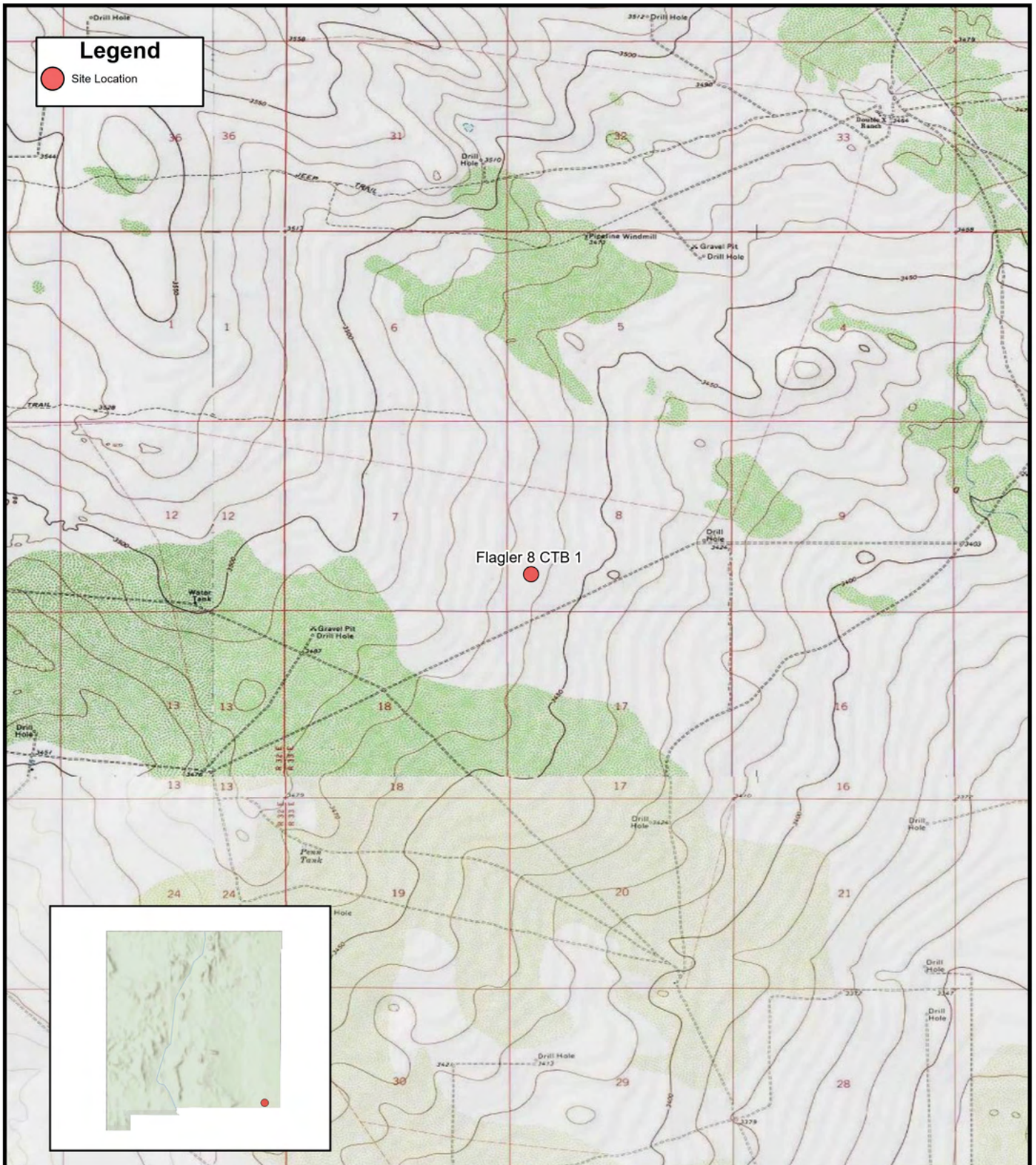


FIGURE 1

Site Location Map

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



0 2,000 4,000 Feet

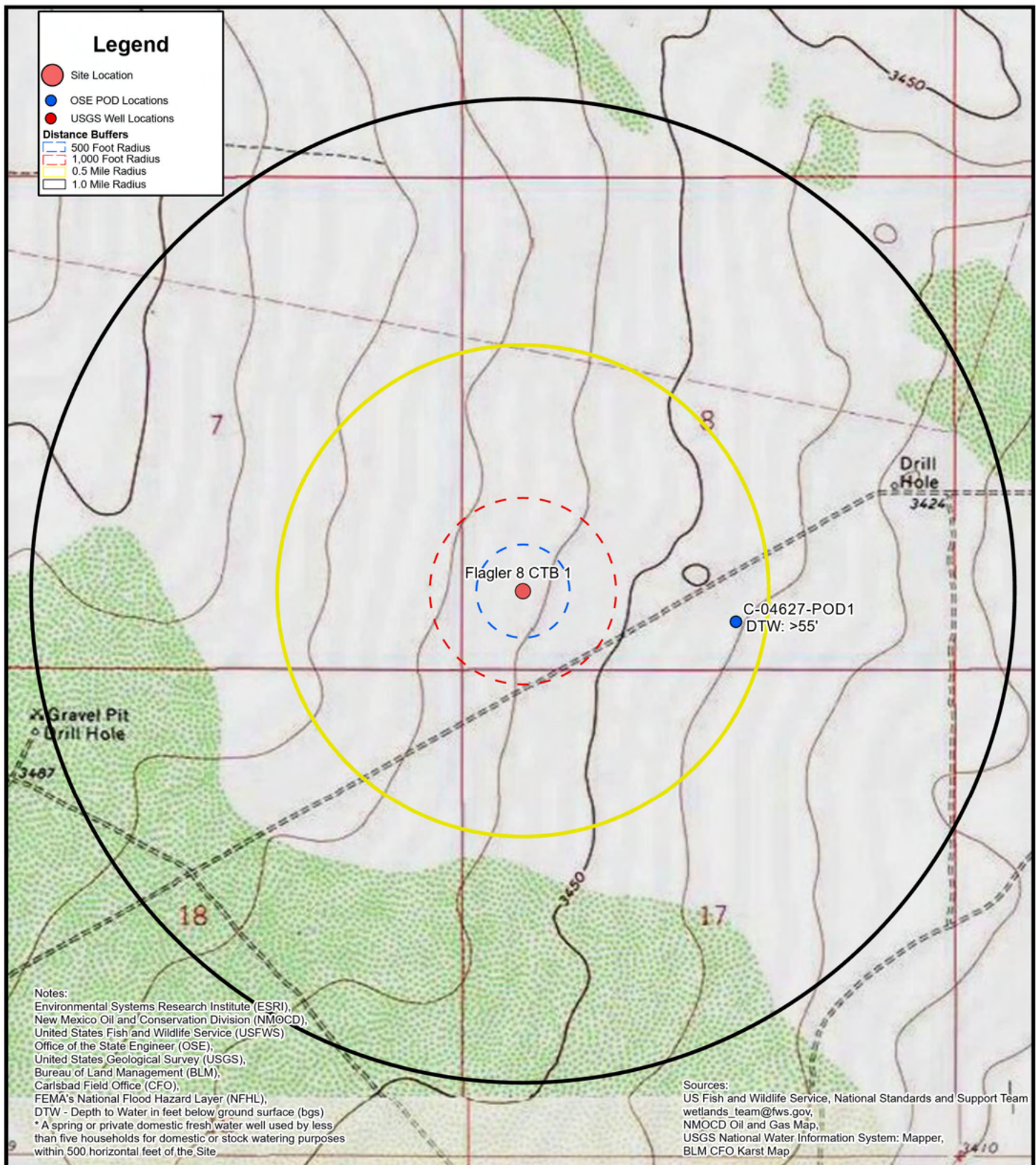
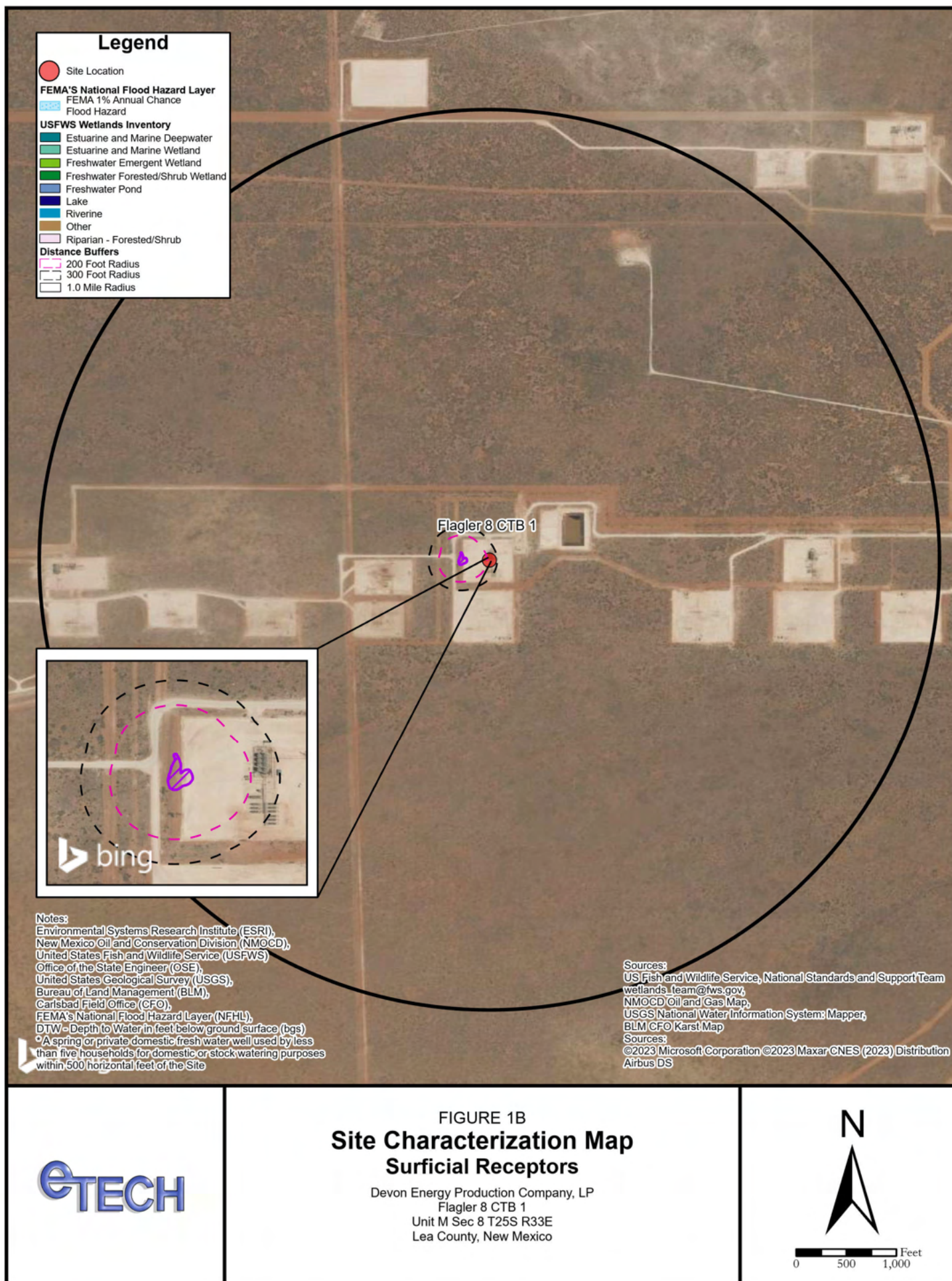


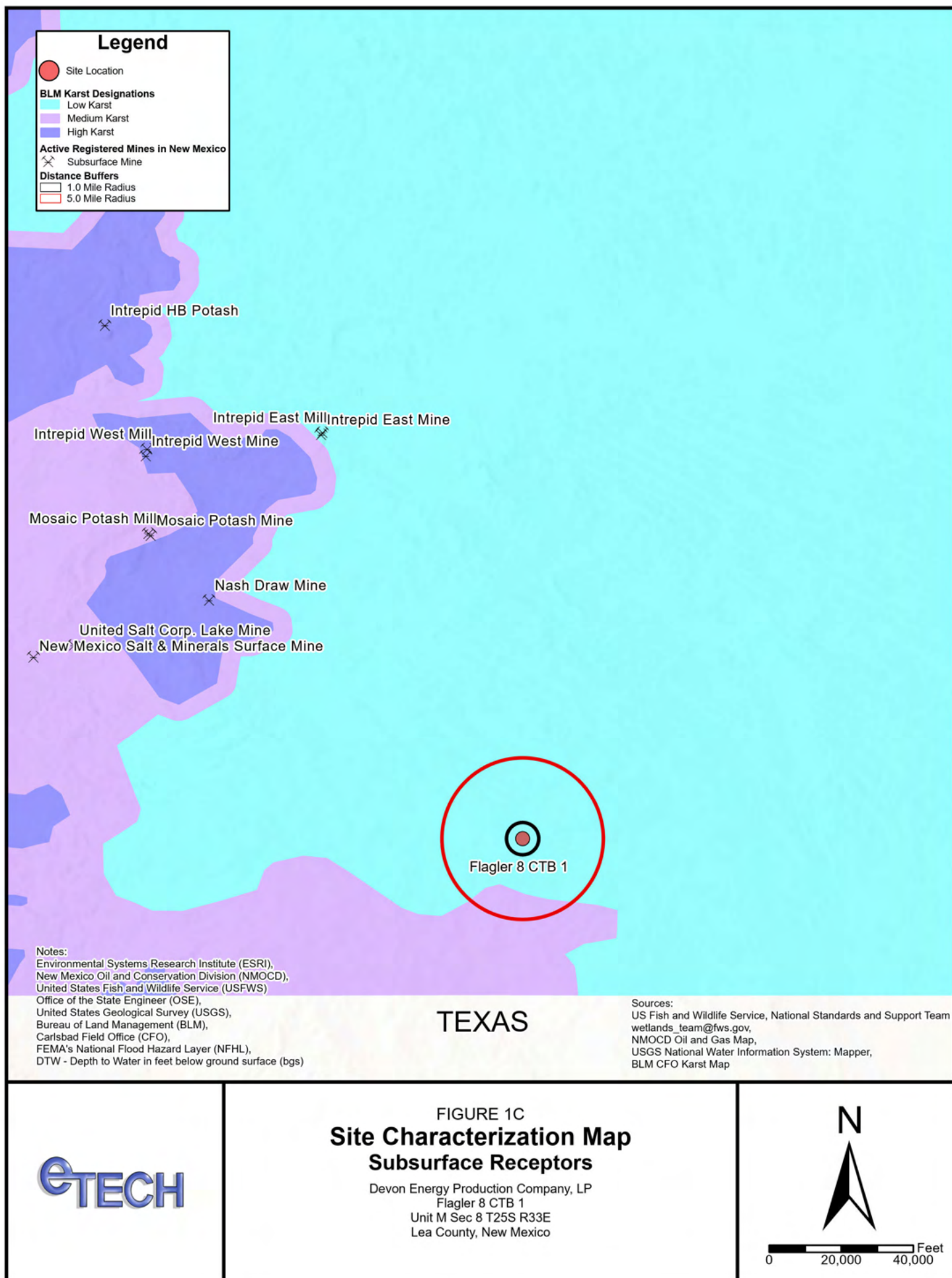
FIGURE 1A
**Site Characterization Map
Groundwater**

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

eTECH







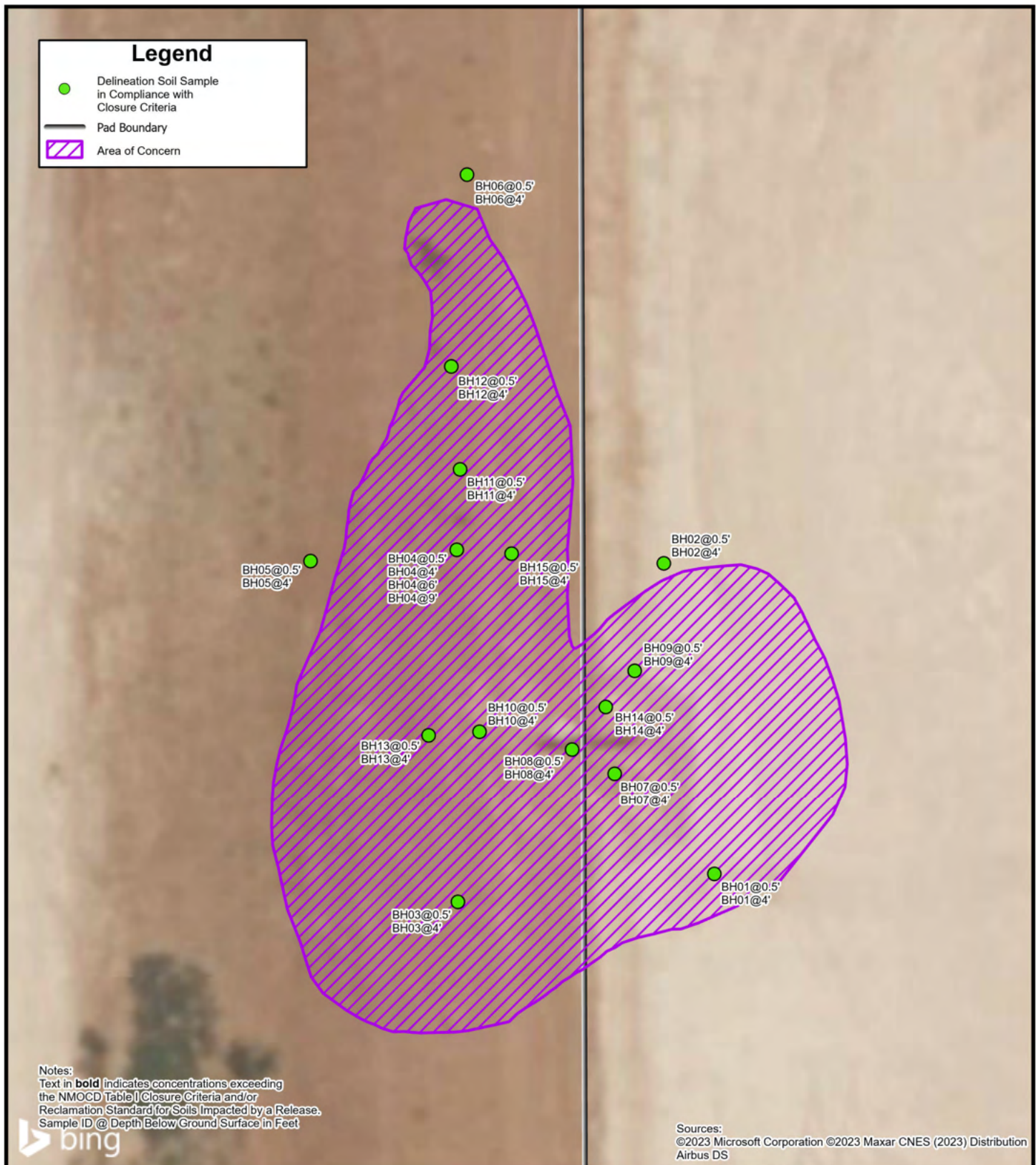


FIGURE 2

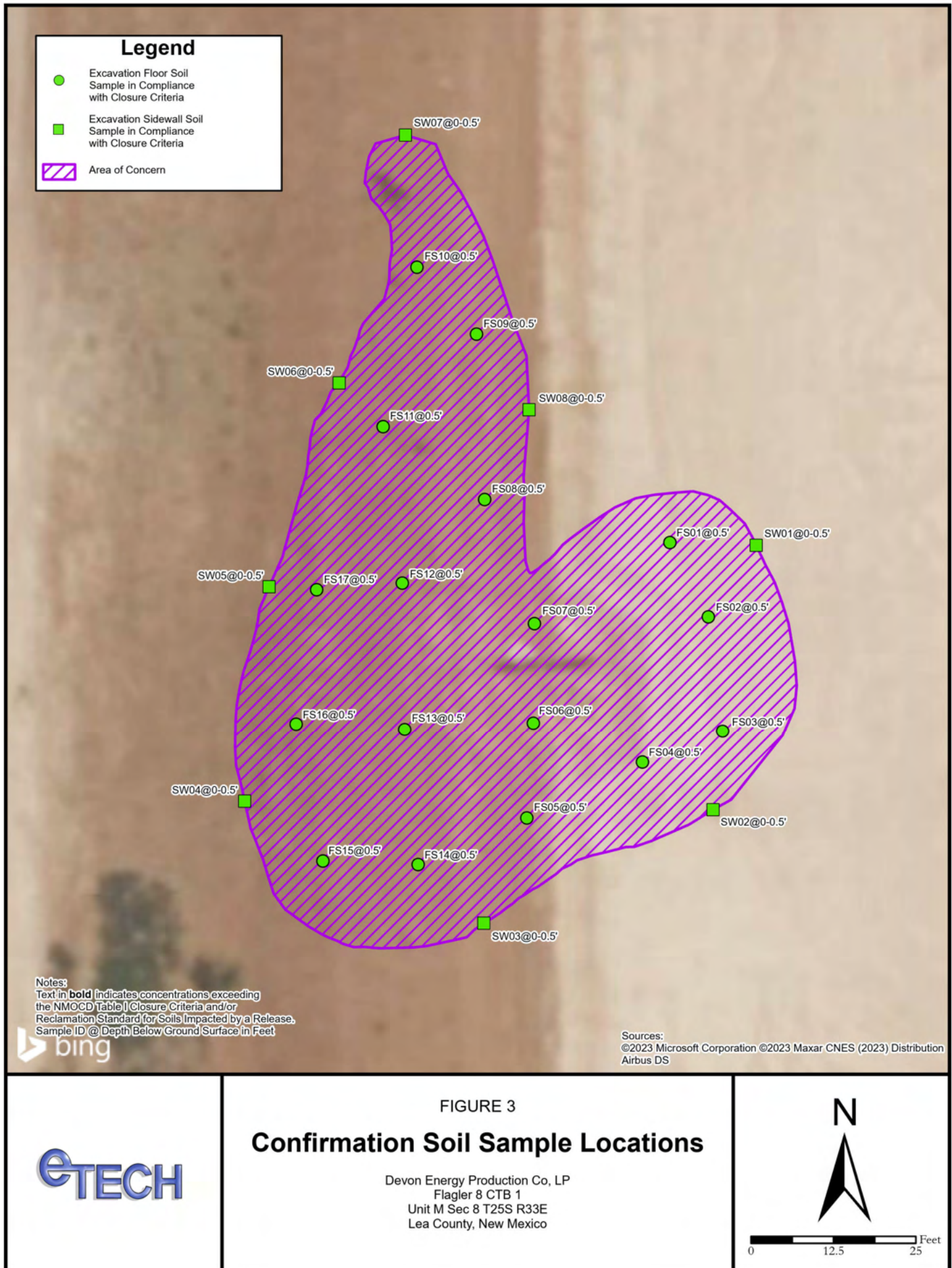
Delineation Soil Sample Locations

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

eTECH



0 13 26 Feet





APPENDIX B

Referenced Well Records



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

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

FOR OSE INTERNAL USE

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

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

4. HYDROGEOLOGIC LOG OF WELL

5. TEST: RIG SUPERVISION

5. SIGNATURE

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 01/28/2022)	
FILE NO.	C-4627-POD 1	POD NO.	1
LOCATION	25 33 08.334	TRN NO.	726174
		WELL TAG ID NO.	—
			PAGE 2 OF 2

Mike A. Hamman, P.E.
State Engineer



Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

**STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER**

Trn Nbr: 726174
File Nbr: C 04627
Well File Nbr: C 04627 POD1

Jun. 18, 2022

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

Greetings:

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

The Well Record was received in this office on 06/18/2022, stating that it had been completed on 06/07/2022, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 05/24/2023.

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

Sincerely,

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

Maret Amaral
(575) 622-6521

drywell



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

June 8, 2022

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

Hand Delivered to the DII Office of the State Engineer

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

To whom it may concern:

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

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

Sincerely,

A handwritten signature in black ink, appearing to read "Lucas Middleton". The signature is written in a cursive, flowing style.

Lucas Middleton

Enclosures: as noted above

OSE DII JUN 16 2022 PM3:10

APPENDIX C

Soil Sampling Logs



Sample Name: BH01

Date: 03/28/2024

Site Name: FLAGLER 8 CTB 1

Incident Number: nRM2014360340

Job Number: 19290

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: Edyte Konan

Method: Hand Auger

Site Coordinates: 32.1404931, -103.6019103


Hole Diameter: 4 inches


Total Depth: 4 feet


Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.


Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	600	0.0	No	BH01	0.5	0 0.5	CCHE	(0-4') CALICHE, dry, tan, well graded with silt, fine to coarse grain, abundant gravel, no stain, no odor.
Dry	408	0.1	No		1	1		
Dry	224	0.0	No		2	2		
						3		
Dry	224	0.0	No	BH01	4	4		


Total Depth


								Sample Name: BH02		Date: 03/28/2024					
								Site Name: FLAGLER 8 CTB 1							
								Incident Number: nRM2014360340							
								Job Number: 19290							
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Edyte Konan		Method: Hand Auger					
Site Coordinates: 32.1406417, -103.6019344								Hole Diameter: 4 inches		Total Depth: 4 feet					
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.															
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes							
Dry	196	0.2	No	BH02	0.5	0.5	CCHE	(0-4') CALICHE, dry, tan, well graded with silt, fine to coarse grain, abundant gravel, no stain, no odor.							
Dry	196	0.0	No		1	1									
Dry	196	0.0	No		2	2									
						3									
Dry	196	0.0	No	BH02	4	4									
Total Depth															


								Sample Name: BH03		Date: 04/03/2024					
								Site Name: FLAGLER 8 CTB 1							
								Incident Number: nRM2014360340							
								Job Number: 19290							
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Edyte Konan		Method: Hand Auger					
Site Coordinates: 32.1404797, -103.6020329								Hole Diameter: 4 inches		Total Depth: 4 feet					
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.															
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes							
Dry	<116	0	No	BH03	0.5	0.5	SP-SM	(0-4') SAND, dry, light brown, poorly graded with some silt, very fine to fine grain, no stain, no odor.							
Dry	<116	0.1	No		1	1		@ 4' CALICHE, dry, tan, well graded with silt, fine to coarse grain, some small gravel, no stain, no odor.							
Dry	<116	0	No		2	2									
						3									
Dry	<116	0	No	BH03	4	4	CCHE								
Total Depth															

								Sample Name: BH04		Date: 04/03/2024					
								Site Name: FLAGLER 8 CTB 1							
								Incident Number: nRM2014360340							
								Job Number: 19290							
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Edyte Konan		Method: Hand Auger					
Site Coordinates: 32.1406482, -103.6020334								Hole Diameter: 4 inches		Total Depth: 4 feet					
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.															
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes							
Dry	196	0.0	No	BH04	0.5	0.5	SP-SM	(0-4') SAND, dry, light brown, poorly graded with some silt, very fine to fine grain, no stain, no odor.							
Dry	652	0.0	No		1	1		(4-9') CALICHE, dry, tan, well graded with silt, fine to coarse grain, some small gravel, no stain, no odor.							
Dry	1,284	0.0	No		2	2									
						3									
Dry	4,400	0.0	No	BH04	4	4	CCHE								
Dry	3,356	0.0	No		5	5									
Dry	2,092	0.0	No	BH04	6	6									
						6									
Dry	700	0.0	No		8	8									
Dry	436	0.0	No	BH04	9	9									
Total Depth															

								Sample Name: BH05		Date: 04/08/2024			
								Site Name: FLAGLER 8 CTB 1					
								Incident Number: nRM2014360340					
								Job Number: 19290					
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Edyte Konan		Method: Hand Auger			
Site Coordinates: 32.1406428, -103.6021033								Hole Diameter: 4 inches		Total Depth: 4 feet			
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.													
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes					
Dry	<124	0.0	No	BH05	0.5	0.5	SP-SM	(0-4') SAND, dry, light brown, poorly graded with some silt, very fine to fine grain, no stain, no odor.					
Dry	<124	0.0	No		1	1		@ 4' CALICHE, dry, tan, well graded with silt, fine to coarse grain, some small gravel, no stain, no odor.					
Dry	<124	0.0	No		2	2							
						3							
Dry	<124	0.0	No	BH05	4	4	CCHE						
Total Depth													

								Sample Name: BH06		Date: 04/08/2024			
								Site Name: FLAGLER 8 CTB 1					
								Incident Number: nRM2014360340					
								Job Number: 19290					
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Edyte Konan		Method: Hand Auger			
Site Coordinates: 32.1408273, -103.6020285								Hole Diameter: 4 inches		Total Depth: 4 feet			
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.													
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes					
Dry	192	0.0	No	BH06	0.5	0.5	SP-SM	(0-4') SAND, dry, light brown, poorly graded with some silt, very fine to fine grain, no stain, no odor.					
Dry	<124	0.0	No		1	1		@ 4' CALICHE, dry, tan, well graded with silt, fine to coarse grain, some small gravel, no stain, no odor.					
Dry	192	0.0	No		2	2							
						3							
Dry	220	0.0	No	BH06	4	4	CCHE						
Total Depth													
<div style="position: absolute; top: 0; right: 0; width: 100%; height: 100%; border-left: 1px solid black; border-bottom: 1px solid black;"></div>													

								Sample Name: BH07		Date: 07/09/2024					
								Site Name: FLAGLER 8 CTB 1							
								Incident Number: nRM2014360340							
								Job Number: 19290							
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Edyte Konan		Method: Hand Auger					
Site Coordinates: 32.1405412, -103.6019579								Hole Diameter: 4 inches		Total Depth: 4 feet					
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.															
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes							
Dry	<124	0.0	No	BH07	0.5	0.5	SP-SM	(0-4') SAND, dry, light brown, poorly graded with some silt, very fine to fine grain, no stain, no odor.							
Dry	<124	0.0	No		1	1		@ 4' CALICHE, dry, tan, well graded with silt, fine to coarse grain, some small gravel, no stain, no odor.							
Dry	<124	0.0	No		2	2									
						3									
Dry	<124	0.0	No	BH07	4	4	CCHE								
Total Depth															
<div style="position: absolute; top: 0; right: 0; width: 100%; height: 100%; border-left: 1px solid black; border-bottom: 1px solid black;"></div>															

								Sample Name: BH08		Date: 07/09/2024					
								Site Name: FLAGLER 8 CTB 1							
								Incident Number: nRM2014360340							
								Job Number: 19290							
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Edyte Konan		Method: Hand Auger					
Site Coordinates: 32.1405528, -103.6019783								Hole Diameter: 4 inches		Total Depth: 4 feet					
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.															
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes							
Dry	220	0.0	No	BH08	0.5	0.5	SP-SM	(0-4') SAND, dry, light brown, poorly graded with some silt, very fine to fine grain, no stain, no odor.							
Dry	436	0.0	No		1	1		@ 4' CALICHE, dry, tan, well graded with silt, fine to coarse grain, some small gravel, no stain, no odor.							
Dry	392	0.0	No		2	2									
						3									
Dry	392	0.0	No	BH08	4	4	CCHE								
Total Depth															
<div style="position: absolute; top: 0; right: 0; width: 100%; height: 100%; border-left: 1px solid black; border-bottom: 1px solid black;"></div>															



Sample Name: BH09

Date: 07/09/2024

Site Name: FLAGLER 8 CTB 1

Incident Number: nRM2014360340

Job Number: 19290

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: Edyte Konan

Method: Hand Auger

Site Coordinates: 32.1405904, -103.6019484


Hole Diameter: 4 inches


Total Depth: 4 feet


Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.


Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	1,028	0.0	No	BH09	0.5	0 0.5	SP-SM	(0-4') SAND, dry, light brown, poorly graded with some silt, very fine to fine grain, no stain, no odor.
Dry	884	0.1	No		1	1		@ 4' CALICHE, dry, tan, well graded with silt, fine to coarse grain, some small gravel, no stain, no odor.
Dry	692	0.0	No		2	2		
						3		
Dry	580	0.0	No	BH09	4	4	CCHE	


Total Depth


								Sample Name: BH10		Date: 07/09/2024					
								Site Name: FLAGLER 8 CTB 1							
								Incident Number: nRM2014360340							
								Job Number: 19290							
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Edyte Konan		Method: Hand Auger					
Site Coordinates: 32.1405613, -103.6020225								Hole Diameter: 4 inches		Total Depth: 4 feet					
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.															
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes							
Dry	480	0.0	No	BH10	0.5	0.5	SP-SM	(0-4') SAND, dry, light brown, poorly graded with some silt, very fine to fine grain, no stain, no odor.							
Dry	592	0.0	No		1	1		@ 4' CALICHE, dry, tan, well graded with silt, fine to coarse grain, some small gravel, no stain, no odor.							
Dry	532	0.0	No		2	2									
						3									
Dry	392	0.0	No	BH10	4	4	CCHE								
Total Depth															

								Sample Name: BH11		Date: 07/09/2024			
								Site Name: FLAGLER 8 CTB 1					
								Incident Number: nRM2014360340					
								Job Number: 19290					
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Edyte Konan		Method: Hand Auger			
Site Coordinates: 32.1406866, -103.6020318								Hole Diameter: 4 inches		Total Depth: 4 feet			
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.													
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes					
Dry	580	0.0	No	BH11	0.5	0.5	SP-SM	(0-4') SAND, dry, light brown, poorly graded with some silt, very fine to fine grain, no stain, no odor. @ 4' CALICHE, dry, tan, well graded with silt, fine to coarse grain, some small gravel, no stain, no odor.					
Dry	352	0.0	No		1	1							
Dry	392	0.0	No		2	2							
						3							
Dry	352	0.0	No	BH11	4	4	CCHE						
Total Depth													

								Sample Name: BH12		Date: 07/09/2024					
								Site Name: FLAGLER 8 CTB 1							
								Incident Number: nRM2014360340							
								Job Number: 19290							
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Edyte Konan		Method: Hand Auger					
Site Coordinates: 32.1407357, -103.6020360								Hole Diameter: 4 inches		Total Depth: 4 feet					
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.															
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes							
Dry	220	0.0	No	BH12	0.5	0.5	SP-SM	(0-4') SAND, dry, light brown, poorly graded with some silt, very fine to fine grain, no stain, no odor.							
Dry	220	0.0	No		1	1		@ 4' CALICHE, dry, tan, well graded with silt, fine to coarse grain, some small gravel, no stain, no odor.							
Dry	192	0.0	No		2	2									
						3									
Dry	124	0.0	No	BH12	4	4	CCHE								
Total Depth															

								Sample Name: BH13		Date: 07/09/2024					
								Site Name: FLAGLER 8 CTB 1							
								Incident Number: nRM2014360340							
								Job Number: 19290							
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Edyte Konan		Method: Hand Auger					
Site Coordinates: 32.1405596, -103.6020469								Hole Diameter: 4 inches		Total Depth: 4 feet					
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.															
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes							
Dry	252	0.0	No	BH13	0.5	0.5	SP-SM	(0-4') SAND, dry, light brown, poorly graded with some silt, very fine to fine grain, no stain, no odor.							
Dry	352	0.0	No		1	1		@ 4' CALICHE, dry, tan, well graded with silt, fine to coarse grain, some small gravel, no stain, no odor.							
Dry	316	0.0	No		2	2									
						3									
Dry	284	0.0	No	BH13	4	4	CCHE								
Total Depth															

								Sample Name: BH14		Date: 07/10/2024					
								Site Name: FLAGLER 8 CTB 1							
								Incident Number: nRM2014360340							
								Job Number: 19290							
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Edyte Konan		Method: Hand Auger					
Site Coordinates: 32.1405732, -103.6019622								Hole Diameter: 4 inches		Total Depth: 4 feet					
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.															
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes							
Dry	144	0.2	No	BH14	0.5	0.5	SP-SM	(0-4') SAND, dry, light brown, poorly graded with some silt, very fine to fine grain, no stain, no odor.							
Dry	168	0.0	No		1	1		@ 4' CALICHE, dry, tan, well graded with silt, fine to coarse grain, some small gravel, no stain, no odor.							
Dry	220	0.0	No		2	2									
						3									
Dry	168	0.0	No	BH14	4	4	CCHE								
Total Depth															

								Sample Name: BH15		Date: 07/10/2024	
								Site Name: FLAGLER 8 CTB 1			
								Incident Number: nRM2014360340			
								Job Number: 19290			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Edyte Konan		Method: Hand Auger	
Site Coordinates: 32.1406464, -103.6020072								Hole Diameter: 4 inches		Total Depth: 4 feet	
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.											
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes			
Dry	<124	0.0	No	BH15	0.5	0.5	SP-SM	(0-4') SAND, dry, light brown, poorly graded with some silt, very fine to fine grain, no stain, no odor.			
Dry	<124	0.0	No		1	1		@ 4' CALICHE, dry, tan, well graded with silt, fine to coarse grain, some small gravel, no stain, no odor.			
Dry	168	0.0	No		2	2					
						3					
Dry	140	0.0	No	BH15	4	4	CCHE				
Total Depth											

APPENDIX D

Photographic Log

**PHOTOGRAPHIC LOG**

Devon Energy Production Company

Flagler 8 CTB 1

Incident Number nRM2014360340

**Photograph 1****Date: 03/28/2024**

Description: Northeastern view of delineation activities.

**Photograph 2****Date: 03/28/2024**

Description: Northwestern view of delineation activities.

**Photograph 3****Date: 07/09/2024**

Description: Southeastern view of delineation activities.

**Photograph 4****Date: 07/09/2024**

Description: Northeastern view of delineation activities.

APPENDIX E

Table



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

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	DRO+GRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	10,000
Delineation Soil Samples - Incident Number nRM2014360340										
BH01	03/28/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	322
BH01	03/28/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	60.1
BH02	03/28/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH02	03/28/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	23.5
BH03	04/03/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	46.9
BH03	04/03/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	47.4
BH04	04/03/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	161
BH04	04/03/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,900
BH04	07/10/2024	6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,000
BH04	07/10/2024	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	369
BH05	04/08/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	193
BH05	04/08/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
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	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	70.3
BH07	07/09/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	65.8
BH07	07/09/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	144
BH08	07/09/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	595
BH08	07/09/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	226
BH09	07/09/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	477
BH09	07/09/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	817
BH10	07/09/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	412
BH10	07/09/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	430
BH11	07/09/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	484
BH11	07/09/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	233
BH12	07/09/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	211
BH12	07/09/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	300



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

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	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
BH13	07/09/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	258
BH13	07/09/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	292
BH14	07/10/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	114
BH14	07/10/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	149
BH15	07/10/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH15	07/10/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	153
Confirmation Soil Samples - Incident Number nRM2014360340										
FS01	08/30/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	54.8
FS02	08/30/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	57.1
FS03	08/30/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,650
FS04	08/30/2024	0.5	<0.0250	0.428	<20.0	32.0	<50.0	32.0	32.0	216
FS05	08/30/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	75.8
FS06	08/30/2024	0.5	<0.0250	0.498	<20.0	45.2	<50.0	45.2	45.2	308
FS07	08/30/2024	0.5	<0.0250	0.101	<20.0	32.3	<50.0	32.3	32.3	74.3
FS08	08/30/2024	0.5	<0.0250	0.470	<20.0	38.2	<50.0	38.2	38.2	50.0
FS09	08/30/2024	0.5	<0.0250	0.429	<20.0	33.3	<50.0	33.3	33.3	239
FS10	08/30/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	110
FS11	08/30/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	20.7
FS12	08/30/2024	0.5	<0.0250	0.382	<20.0	48.3	<50.0	48.3	48.3	46.0
FS13	08/30/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	20.6
FS14	08/30/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	20.1
FS15	08/30/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS16	08/30/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	128
FS17	08/30/2024	0.5	<0.0250	0.281	<20.0	27.7	<50.0	27.7	27.7	53.0
SW01	08/30/2024	0-0.5	<0.0250	<0.0500	<20.0	34.7	<50.0	34.7	34.7	81.1
SW02	08/30/2024	0-0.5	<0.0250	<0.0500	<20.0	31.3	<50.0	31.3	31.3	79.5



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

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	DRO+GRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	10,000
SW03	08/30/2024	0-0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	79.5
SW04	08/30/2024	0-0.5	<0.0250	0.103	<20.0	51.3	<50.0	51.3	51.3	72.1
SW05	08/30/2024	0-0.5	<0.0250	<0.0500	<20.0	36.3	<50.0	36.3	36.3	72.7
SW06	08/30/2024	0-0.5	<0.0250	<0.0500	<20.0	29.1	<50.0	29.1	29.1	77.6
SW07	08/30/2024	0-0.5	<0.0250	<0.0500	<20.0	45.1	<50.0	45.1	45.1	104
SW08	08/30/2024	0-0.5	<0.0250	0.0755	<20.0	46.0	<50.0	46.0	46.0	79.2

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

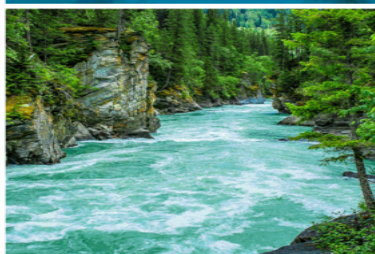
Text in "grey" represents excavated soil samples

Concentrations in **bold** exceed the NMOCD Table I Closure Criteria and/or Reclamation Standard¹ for Soils Impacted by a Release¹ The reclamation concentration requirements of 600 mg/kg chloride and 100 mg/kg TPH apply to the top 4 feet of areas to be immediately reclaimed following remediation pursuant to NMAC 19.15.17.13.

APPENDIX F

Laboratory Analytical Reports & Chain-of-Custody Documentation

Report to:
Gilbert Moreno



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: FLAGER 8 CTB 1

Work Order: E404002

Job Number: 01058-0007

Received: 4/1/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/5/24

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 4/5/24

Gilbert Moreno
6488 7 Rivers Hwy
Artesia, NM 88210



Project Name: FLAGER 8 CTB 1
Workorder: E404002
Date Received: 4/1/2024 8:30:00AM

Gilbert Moreno,

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

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

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

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

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

Respectfully,

Walter Hinchman
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Sample Summary

Devon Energy - Carlsbad	Project Name:	FLAGER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	04/05/24 12:37

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH01 0.5'	E404002-01A	Soil	03/28/24	04/01/24	Glass Jar, 2 oz.
BH01 4'	E404002-02A	Soil	03/28/24	04/01/24	Glass Jar, 2 oz.
BH02 0.5'	E404002-03A	Soil	03/28/24	04/01/24	Glass Jar, 2 oz.
BH02 4'	E404002-04A	Soil	03/28/24	04/01/24	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad	Project Name:	FLAGER 8 CTB 1	Reported: 4/5/2024 12:37:53PM
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	

BH01 0.5'

E404002-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2414008	
Benzene	ND	0.0250	1	04/01/24	04/03/24	
Ethylbenzene	ND	0.0250	1	04/01/24	04/03/24	
Toluene	ND	0.0250	1	04/01/24	04/03/24	
o-Xylene	ND	0.0250	1	04/01/24	04/03/24	
p,m-Xylene	ND	0.0500	1	04/01/24	04/03/24	
Total Xylenes	ND	0.0250	1	04/01/24	04/03/24	
Surrogate: 4-Bromochlorobenzene-PID	90.3 %	70-130		04/01/24	04/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2414008	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/01/24	04/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	96.9 %	70-130		04/01/24	04/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2414023	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/02/24	04/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/02/24	04/04/24	
Surrogate: n-Nonane	113 %	50-200		04/02/24	04/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2414010	
Chloride	322	20.0	1	04/01/24	04/02/24	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: FLAGER 8 CTB 1 Project Number: 01058-0007 Project Manager: Gilbert Moreno	Reported: 4/5/2024 12:37:53PM
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BH01 4'

E404002-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2414008	
Benzene	ND	0.0250	1	04/01/24	04/03/24	
Ethylbenzene	ND	0.0250	1	04/01/24	04/03/24	
Toluene	ND	0.0250	1	04/01/24	04/03/24	
o-Xylene	ND	0.0250	1	04/01/24	04/03/24	
p,m-Xylene	ND	0.0500	1	04/01/24	04/03/24	
Total Xylenes	ND	0.0250	1	04/01/24	04/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.9 %	70-130		04/01/24	04/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2414008	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/01/24	04/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.8 %	70-130		04/01/24	04/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2414023	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/02/24	04/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/02/24	04/04/24	
<i>Surrogate: n-Nonane</i>						
	117 %	50-200		04/02/24	04/04/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2414010	
Chloride	60.1	20.0	1	04/01/24	04/02/24	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: FLAGER 8 CTB 1 Project Number: 01058-0007 Project Manager: Gilbert Moreno	Reported: 4/5/2024 12:37:53PM
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BH02 0.5'

E404002-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2414008
Benzene	ND	0.0250	1	04/01/24	04/03/24	
Ethylbenzene	ND	0.0250	1	04/01/24	04/03/24	
Toluene	ND	0.0250	1	04/01/24	04/03/24	
o-Xylene	ND	0.0250	1	04/01/24	04/03/24	
p,m-Xylene	ND	0.0500	1	04/01/24	04/03/24	
Total Xylenes	ND	0.0250	1	04/01/24	04/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.3 %	70-130		04/01/24	04/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2414008
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/01/24	04/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.6 %	70-130		04/01/24	04/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2414023
Diesel Range Organics (C10-C28)	ND	25.0	1	04/02/24	04/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/02/24	04/04/24	
<i>Surrogate: n-Nonane</i>						
	118 %	50-200		04/02/24	04/04/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2414010
Chloride	ND	20.0	1	04/01/24	04/01/24	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: FLAGER 8 CTB 1 Project Number: 01058-0007 Project Manager: Gilbert Moreno	Reported: 4/5/2024 12:37:53PM
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BH02 4'

E404002-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2414008	
Benzene	ND	0.0250	1	04/01/24	04/03/24	
Ethylbenzene	ND	0.0250	1	04/01/24	04/03/24	
Toluene	ND	0.0250	1	04/01/24	04/03/24	
o-Xylene	ND	0.0250	1	04/01/24	04/03/24	
p,m-Xylene	ND	0.0500	1	04/01/24	04/03/24	
Total Xylenes	ND	0.0250	1	04/01/24	04/03/24	
Surrogate: 4-Bromochlorobenzene-PID	91.4 %	70-130		04/01/24	04/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2414008	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/01/24	04/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	97.1 %	70-130		04/01/24	04/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2414023	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/02/24	04/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/02/24	04/04/24	
Surrogate: n-Nonane	124 %	50-200		04/02/24	04/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2414010	
Chloride	23.5	20.0	1	04/01/24	04/02/24	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/5/2024 12:37:53PM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2414008-BLK1) Prepared: 04/01/24 Analyzed: 04/02/24

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	7.36		8.00		92.0	70-130			

LCS (2414008-BS1) Prepared: 04/01/24 Analyzed: 04/02/24

Benzene	4.95	0.0250	5.00		99.1	70-130			
Ethylbenzene	4.93	0.0250	5.00		98.7	70-130			
Toluene	4.93	0.0250	5.00		98.5	70-130			
o-Xylene	4.89	0.0250	5.00		97.8	70-130			
p,m-Xylene	9.96	0.0500	10.0		99.6	70-130			
Total Xylenes	14.8	0.0250	15.0		99.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.54		8.00		94.2	70-130			

Matrix Spike (2414008-MS1) Source: E404001-30 Prepared: 04/01/24 Analyzed: 04/02/24

Benzene	5.05	0.0250	5.00	ND	101	54-133			
Ethylbenzene	5.02	0.0250	5.00	ND	100	61-133			
Toluene	5.02	0.0250	5.00	ND	100	61-130			
o-Xylene	4.95	0.0250	5.00	ND	99.1	63-131			
p,m-Xylene	10.1	0.0500	10.0	ND	101	63-131			
Total Xylenes	15.1	0.0250	15.0	ND	100	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.46		8.00		93.2	70-130			

Matrix Spike Dup (2414008-MSD1) Source: E404001-30 Prepared: 04/01/24 Analyzed: 04/02/24

Benzene	5.01	0.0250	5.00	ND	100	54-133	0.864	20	
Ethylbenzene	4.99	0.0250	5.00	ND	99.9	61-133	0.447	20	
Toluene	4.99	0.0250	5.00	ND	99.8	61-130	0.638	20	
o-Xylene	4.94	0.0250	5.00	ND	98.8	63-131	0.265	20	
p,m-Xylene	10.1	0.0500	10.0	ND	101	63-131	0.492	20	
Total Xylenes	15.0	0.0250	15.0	ND	100	63-131	0.417	20	
Surrogate: 4-Bromochlorobenzene-PID	7.45		8.00		93.1	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/5/2024 12:37:53PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2414008-BLK1) Prepared: 04/01/24 Analyzed: 04/02/24

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

LCS (2414008-BS2) Prepared: 04/01/24 Analyzed: 04/02/24

Gasoline Range Organics (C6-C10)	50.4	20.0	50.0		101	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.80		8.00		97.6	70-130			

Matrix Spike (2414008-MS2) Source: E404001-30 Prepared: 04/01/24 Analyzed: 04/02/24

Gasoline Range Organics (C6-C10)	49.7	20.0	50.0	ND	99.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.82		8.00		97.7	70-130			

Matrix Spike Dup (2414008-MSD2) Source: E404001-30 Prepared: 04/01/24 Analyzed: 04/02/24

Gasoline Range Organics (C6-C10)	50.0	20.0	50.0	ND	100	70-130	0.578	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.81		8.00		97.7	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/5/2024 12:37:53PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2414023-BLK1)					Prepared: 04/02/24 Analyzed: 04/03/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	56.6		50.0		113	50-200			

LCS (2414023-BS1)					Prepared: 04/02/24 Analyzed: 04/03/24				
Diesel Range Organics (C10-C28)	320	25.0	250		128	38-132			
Surrogate: n-Nonane	60.6		50.0		121	50-200			

Matrix Spike (2414023-MS1)					Source: E404001-26		Prepared: 04/02/24 Analyzed: 04/03/24		
Diesel Range Organics (C10-C28)	316	25.0	250	ND	126	38-132			
Surrogate: n-Nonane	59.0		50.0		118	50-200			

Matrix Spike Dup (2414023-MSD1)					Source: E404001-26		Prepared: 04/02/24 Analyzed: 04/03/24		
Diesel Range Organics (C10-C28)	314	25.0	250	ND	126	38-132	0.579	20	
Surrogate: n-Nonane	59.1		50.0		118	50-200			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/5/2024 12:37:53PM

Anions by EPA 300.0/9056A

Analyst: JM

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

Blank (2414010-BLK1)					Prepared: 04/01/24 Analyzed: 04/01/24				
Chloride	ND	20.0							
LCS (2414010-BS1)					Prepared: 04/01/24 Analyzed: 04/01/24				
Chloride	250	20.0	250		99.9	90-110			
Matrix Spike (2414010-MS1)					Source: E404002-03		Prepared: 04/01/24 Analyzed: 04/01/24		
Chloride	266	20.0	250	ND	107	80-120			
Matrix Spike Dup (2414010-MSD1)					Source: E404002-03		Prepared: 04/01/24 Analyzed: 04/01/24		
Chloride	269	20.0	250	ND	108	80-120	1.12	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:	FLAGER 8 CTB 1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Gilbert Moreno	04/05/24 12:37

- 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 14 of 15

Envirotech Analytical Laboratory

Printed: 4/1/2024 9:25:30AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client: Devon Energy - Carlsbad
 Phone: (575) 689-7597
 Email: jim.raley@devn.com

Date Received: 04/01/24 08:30
 Date Logged In: 04/01/24 09:17
 Due Date: 04/05/24 17:00 (4 day TAT)

Work Order ID: E404002
 Logged In By: Angelina Pineda

Chain of Custody (COC)

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

Carrier: Courier

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client InstructionComments/Resolution

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

Date



envirotech Inc.

Report to:
Gilbert Moreno



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: FLAGLER 8 CTB 1

Work Order: E404041

Job Number: 01058-0007

Received: 4/5/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/10/24

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 4/10/24



Gilbert Moreno
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: FLAGLER 8 CTB 1
Workorder: E404041
Date Received: 4/5/2024 6:30:00AM

Gilbert Moreno,

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

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

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

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

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

Respectfully,

Walter Hinchman
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Raina Schwanz
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Field Offices:

Southern New Mexico Area

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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	04/10/24 14:22

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH03 0.5'	E404041-01A	Soil	04/03/24	04/05/24	Glass Jar, 2 oz.
BH03 4'	E404041-02A	Soil	04/03/24	04/05/24	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported: 4/10/2024 2:22:30PM
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	

BH03 0.5'

E404041-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2414064	
Benzene	ND	0.0250	1	04/04/24	04/09/24	
Ethylbenzene	ND	0.0250	1	04/04/24	04/09/24	
Toluene	ND	0.0250	1	04/04/24	04/09/24	
o-Xylene	ND	0.0250	1	04/04/24	04/09/24	
p,m-Xylene	ND	0.0500	1	04/04/24	04/09/24	
Total Xylenes	ND	0.0250	1	04/04/24	04/09/24	
Surrogate: 4-Bromochlorobenzene-PID	94.2 %	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	96.5 %	70-130		04/04/24	04/09/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2414070	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/05/24	04/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/05/24	04/09/24	
Surrogate: n-Nonane	82.0 %	50-200		04/05/24	04/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2414073	
Chloride	46.9	20.0	1	04/05/24	04/06/24	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: FLAGLER 8 CTB 1 Project Number: 01058-0007 Project Manager: Gilbert Moreno	Reported: 4/10/2024 2:22:30PM
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BH03 4'

E404041-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2414064	
Benzene	ND	0.0250	1	04/04/24	04/08/24	
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	94.3 %	70-130		04/04/24	04/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2414064	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/04/24	04/08/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	95.0 %	70-130		04/04/24	04/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2414070	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/05/24	04/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/05/24	04/09/24	
Surrogate: n-Nonane	83.7 %	50-200		04/05/24	04/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2414073	
Chloride	47.4	20.0	1	04/05/24	04/06/24	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/10/2024 2:22:30PM

Volatile Organics by EPA 8021B

Analyst: RAS

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

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

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.55		8.00		94.4	70-130			

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

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

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

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

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

Benzene	5.50	0.0250	5.00	ND	110	54-133	2.05	20	
Ethylbenzene	5.46	0.0250	5.00	ND	109	61-133	1.57	20	
Toluene	5.47	0.0250	5.00	ND	109	61-130	1.74	20	
o-Xylene	5.42	0.0250	5.00	ND	108	63-131	1.44	20	
p,m-Xylene	11.0	0.0500	10.0	ND	110	63-131	1.54	20	
Total Xylenes	16.4	0.0250	15.0	ND	109	63-131	1.50	20	
Surrogate: 4-Bromochlorobenzene-PID	7.58		8.00		94.7	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/10/2024 2:22:30PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2414064-BLK1) Prepared: 04/04/24 Analyzed: 04/04/24

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

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

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

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

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

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

Gasoline Range Organics (C6-C10)	50.5	20.0	50.0	ND	101	70-130	7.82	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.73		8.00		96.6	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/10/2024 2:22:30PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2414070-BLK1)					Prepared: 04/05/24 Analyzed: 04/08/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	40.4		50.0		80.7	50-200			

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

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

Matrix Spike Dup (2414070-MSD1)					Source: E404034-01		Prepared: 04/05/24 Analyzed: 04/09/24		
Diesel Range Organics (C10-C28)	5550	25.0	250	5290	106	38-132	7.00	20	
Surrogate: n-Nonane	60.6		50.0		121	50-200			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/10/2024 2:22:30PM

Anions by EPA 300.0/9056A

Analyst: IY

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

Blank (2414073-BLK1)					Prepared: 04/05/24 Analyzed: 04/05/24				
Chloride	ND	20.0							
LCS (2414073-BS1)					Prepared: 04/05/24 Analyzed: 04/05/24				
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2414073-MS1)					Source: E404035-03		Prepared: 04/05/24 Analyzed: 04/05/24		
Chloride	252	20.0	250	ND	101	80-120			
Matrix Spike Dup (2414073-MSD1)					Source: E404035-03		Prepared: 04/05/24 Analyzed: 04/05/24		
Chloride	251	20.0	250	ND	100	80-120	0.410	20	

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



Definitions and Notes

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Gilbert Moreno	04/10/24 14:22

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

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

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



Client: Devon Energy Production Co LP				Bill To		Lab Use Only		TAT			EPA Program				
Project: FLAGLER 8 CTB 1				Attention: Jim Raley		Lab WO#		1D 2D 3D			Standard		CWA	SDWA	
Project Manager: Gilbert Moreno				Address: 5315 Buena Vista Dr.		E404041		Job Number			5 day TAT				
Address: 13000 W County Rd 100				City, State, Zip: Carlsbad, NM, 88220											RCRA
City, State, Zip: Odessa, TX, 79765				Phone: 575-885-7502											
Phone: 432-305-6414				Email: jim.raley@dvn.com											
Email: Devon-team@etechnv.com				WO: 21179750											
				Incident ID: nRM2014360340											
Collected by: Edyte Konan															
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Depth (ft.)	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	GDGC TX	State	
13:00	04.03.24	S	1	BH03	1	0.5'						X		NM	CO
13:10	04.03.24	S	1	BH03	2	4'						X		UT	AZ
														TX	
Additional Instructions:															
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: EK															
Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.															
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only							
[Signature]		04/04/24	10:30	[Signature]		4-4-24	1030	Received on ice: <input checked="" type="checkbox"/> N							
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 T2 T3							
[Signature]		4-4-24	1547	[Signature]		4-4-24	1730								
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	AVG Temp °C							
[Signature]		4-4-24	2330	[Signature]		4/5/24	0030	4							
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other															
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA															
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.															



Envirotech Analytical Laboratory

Printed: 4/5/2024 2:02:55PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

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

Date Received: 04/05/24 06:30
 Date Logged In: 04/04/24 16:41
 Due Date: 04/11/24 17:00 (4 day TAT)

Work Order ID: E404041
 Logged In By: Angelina Pineda

Chain of Custody (COC)

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

Carrier: Courier

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client InstructionComments/Resolution

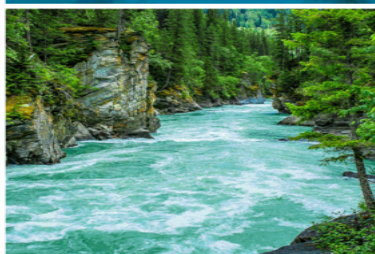
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Gilbert Moreno



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: FLAGLER 8 CTB 1

Work Order: E404042

Job Number: 01058-0007

Received: 4/5/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/10/24

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 4/10/24

Gilbert Moreno
6488 7 Rivers Hwy
Artesia, NM 88210



Project Name: FLAGLER 8 CTB 1
Workorder: E404042
Date Received: 4/5/2024 6:30:00AM

Gilbert Moreno,

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

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

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

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

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

Respectfully,

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

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

Sample Summary

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	04/10/24 11:40

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH04 0.5'	E404042-01A	Soil	04/03/24	04/05/24	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: FLAGLER 8 CTB 1 Project Number: 01058-0007 Project Manager: Gilbert Moreno	Reported: 4/10/2024 11:40:11AM
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BH04 0.5'

E404042-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2414064	
Benzene	ND	0.0250	1	04/04/24	04/08/24	
Ethylbenzene	ND	0.0250	1	04/04/24	04/08/24	
Toluene	ND	0.0250	1	04/04/24	04/08/24	
o-Xylene	ND	0.0250	1	04/04/24	04/08/24	
p,m-Xylene	ND	0.0500	1	04/04/24	04/08/24	
Total Xylenes	ND	0.0250	1	04/04/24	04/08/24	
Surrogate: 4-Bromochlorobenzene-PID	95.0 %	70-130		04/04/24	04/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2414064	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/04/24	04/08/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	94.5 %	70-130		04/04/24	04/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2414070	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/05/24	04/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/05/24	04/09/24	
Surrogate: n-Nonane	83.6 %	50-200		04/05/24	04/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2414073	
Chloride	161	20.0	1	04/05/24	04/06/24	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/10/2024 11:40:11AM

Volatile Organics by EPA 8021B

Analyst: RAS

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

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

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.55		8.00		94.4	70-130			

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

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

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

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

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

Benzene	5.50	0.0250	5.00	ND	110	54-133	2.05	20	
Ethylbenzene	5.46	0.0250	5.00	ND	109	61-133	1.57	20	
Toluene	5.47	0.0250	5.00	ND	109	61-130	1.74	20	
o-Xylene	5.42	0.0250	5.00	ND	108	63-131	1.44	20	
p,m-Xylene	11.0	0.0500	10.0	ND	110	63-131	1.54	20	
Total Xylenes	16.4	0.0250	15.0	ND	109	63-131	1.50	20	
Surrogate: 4-Bromochlorobenzene-PID	7.58		8.00		94.7	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/10/2024 11:40:11AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2414064-BLK1) Prepared: 04/04/24 Analyzed: 04/04/24

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

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

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

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

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

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

Gasoline Range Organics (C6-C10)	50.5	20.0	50.0	ND	101	70-130	7.82	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.73		8.00		96.6	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/10/2024 11:40:11AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2414070-BLK1)					Prepared: 04/05/24 Analyzed: 04/08/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	40.4		50.0		80.7	50-200			

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

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

Matrix Spike Dup (2414070-MSD1)					Source: E404034-01		Prepared: 04/05/24 Analyzed: 04/09/24		
Diesel Range Organics (C10-C28)	5550	25.0	250	5290	106	38-132	7.00	20	
Surrogate: n-Nonane	60.6		50.0		121	50-200			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/10/2024 11:40:11AM

Anions by EPA 300.0/9056A

Analyst: IY

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

Blank (2414073-BLK1)					Prepared: 04/05/24 Analyzed: 04/05/24				
Chloride	ND	20.0							
LCS (2414073-BS1)					Prepared: 04/05/24 Analyzed: 04/05/24				
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2414073-MS1)					Source: E404035-03		Prepared: 04/05/24 Analyzed: 04/05/24		
Chloride	252	20.0	250	ND	101	80-120			
Matrix Spike Dup (2414073-MSD1)					Source: E404035-03		Prepared: 04/05/24 Analyzed: 04/05/24		
Chloride	251	20.0	250	ND	100	80-120	0.410	20	

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



Definitions and Notes

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Gilbert Moreno	04/10/24 11:40

- 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.

Reposado to Imago: 6/24/2025 13:57:48 PM

[illegible]

Additional Instructions:

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

Sampled by: EK

Sampled by: EK

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature) <i>[Signature]</i>	Date 04/04/24	Time 10:30	Received by: (Signature) <i>[Signature]</i>	Date 4-4-24	Time 1030	Lab Use Only Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature) <i>[Signature]</i>	Date 4-4-24	Time 1547	Received by: (Signature) <i>[Signature]</i>	Date 4-4-24	Time 1730	
Relinquished by: (Signature) <i>[Signature]</i>	Date 4-4-24	Time 2330	Received by: (Signature) <i>[Signature]</i>	Date 4/5/24	Time 0030	
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____				Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA		

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



Envirotech Analytical Laboratory

Printed: 4/5/2024 2:13:14PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	04/05/24 06:30	Work Order ID:	E404042
Phone:	(575) 748-0176	Date Logged In:	04/04/24 16:44	Logged In By:	Angelina Pineda
Email:	Devon-team@etecheav.com	Due Date:	04/11/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

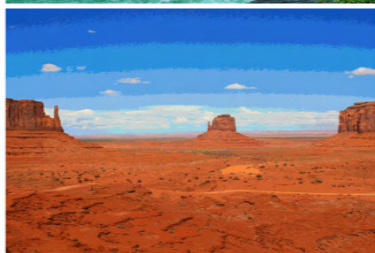
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Gilbert Moreno



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: FLAGLER 8 CTB 1

Work Order: E404043

Job Number: 01058-0007

Received: 4/5/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/10/24

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 4/10/24



Gilbert Moreno
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: FLAGLER 8 CTB 1
Workorder: E404043
Date Received: 4/5/2024 6:30:00AM

Gilbert Moreno,

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

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

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

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

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

Respectfully,

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

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Laboratory Administrator
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Sample Summary

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	04/10/24 12:49

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH04 4'	E404043-01A	Soil	04/03/24	04/05/24	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: FLAGLER 8 CTB 1 Project Number: 01058-0007 Project Manager: Gilbert Moreno	Reported: 4/10/2024 12:49:01PM
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BH04 4'
E404043-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2414064	
Benzene	ND	0.0250	1	04/04/24	04/08/24	
Ethylbenzene	ND	0.0250	1	04/04/24	04/08/24	
Toluene	ND	0.0250	1	04/04/24	04/08/24	
o-Xylene	ND	0.0250	1	04/04/24	04/08/24	
p,m-Xylene	ND	0.0500	1	04/04/24	04/08/24	
Total Xylenes	ND	0.0250	1	04/04/24	04/08/24	
Surrogate: 4-Bromochlorobenzene-PID	96.1 %	70-130		04/04/24	04/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2414064	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/04/24	04/08/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	95.7 %	70-130		04/04/24	04/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2414076	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/05/24	04/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/05/24	04/06/24	
Surrogate: n-Nonane	106 %	50-200		04/05/24	04/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2414073	
Chloride	3900	40.0	2	04/05/24	04/06/24	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/10/2024 12:49:01PM

Volatile Organics by EPA 8021B

Analyst: RAS

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

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

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.55		8.00		94.4	70-130			

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

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

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

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

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

Benzene	5.50	0.0250	5.00	ND	110	54-133	2.05	20	
Ethylbenzene	5.46	0.0250	5.00	ND	109	61-133	1.57	20	
Toluene	5.47	0.0250	5.00	ND	109	61-130	1.74	20	
o-Xylene	5.42	0.0250	5.00	ND	108	63-131	1.44	20	
p,m-Xylene	11.0	0.0500	10.0	ND	110	63-131	1.54	20	
Total Xylenes	16.4	0.0250	15.0	ND	109	63-131	1.50	20	
Surrogate: 4-Bromochlorobenzene-PID	7.58		8.00		94.7	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/10/2024 12:49:01PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2414064-BLK1) Prepared: 04/04/24 Analyzed: 04/04/24

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

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

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

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

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

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

Gasoline Range Organics (C6-C10)	50.5	20.0	50.0	ND	101	70-130	7.82	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.73		8.00		96.6	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/10/2024 12:49:01PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2414076-BLK1) Prepared: 04/05/24 Analyzed: 04/06/24

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 (2414076-BS1) Prepared: 04/05/24 Analyzed: 04/06/24

Diesel Range Organics (C10-C28)	267	25.0	250		107	38-132			
Surrogate: n-Nonane	53.0		50.0		106	50-200			

Matrix Spike (2414076-MS1) Source: E404043-01 Prepared: 04/05/24 Analyzed: 04/06/24

Diesel Range Organics (C10-C28)	266	25.0	250	ND	107	38-132			
Surrogate: n-Nonane	49.2		50.0		98.4	50-200			

Matrix Spike Dup (2414076-MSD1) Source: E404043-01 Prepared: 04/05/24 Analyzed: 04/06/24

Diesel Range Organics (C10-C28)	266	25.0	250	ND	106	38-132	0.178	20	
Surrogate: n-Nonane	51.7		50.0		103	50-200			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/10/2024 12:49:01PM

Anions by EPA 300.0/9056A

Analyst: IY

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

Blank (2414073-BLK1)					Prepared: 04/05/24 Analyzed: 04/05/24				
Chloride	ND	20.0							
LCS (2414073-BS1)					Prepared: 04/05/24 Analyzed: 04/05/24				
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2414073-MS1)					Source: E404035-03		Prepared: 04/05/24 Analyzed: 04/05/24		
Chloride	252	20.0	250	ND	101	80-120			
Matrix Spike Dup (2414073-MSD1)					Source: E404035-03		Prepared: 04/05/24 Analyzed: 04/05/24		
Chloride	251	20.0	250	ND	100	80-120	0.410	20	

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



Definitions and Notes

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Gilbert Moreno	04/10/24 12:49

- 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 11 of 12

Envirotech Analytical Laboratory

Printed: 4/5/2024 2:22:48PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	04/05/24 06:30	Work Order ID:	E404043
Phone:	(375) 748-0176	Date Logged In:	04/04/24 16:47	Logged In By:	Angelina Pineda
Email:	Devon-team@etechnv.com	Due Date:	04/11/24 17:00 (4 day TAT)		

Chain of Custody (COC)

- | | | |
|--|-----|-------------------------|
| 1. Does the sample ID match the COC? | Yes | |
| 2. Does the number of samples per sampling site location match the COC | Yes | |
| 3. Were samples dropped off by client or carrier? | Yes | Carrier: <u>Courier</u> |
| 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? | Yes | |
| 5. Were all samples received within holding time? | Yes | |
| Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion. | | |

Sample Turn Around Time (TAT)

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

Sample Cooler

- | | |
|--|-----|
| 7. Was a sample cooler received? | Yes |
| 8. If yes, was cooler received in good condition? | Yes |
| 9. Was the sample(s) received intact, i.e., not broken? | Yes |
| 10. Were custody/security seals present? | No |
| 11. If yes, were custody/security seals intact? | NA |
| 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C | Yes |
| Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling | |
| 13. If no visible ice, record the temperature. Actual sample temperature: <u>4°C</u> | |

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

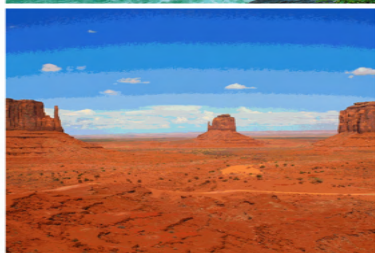
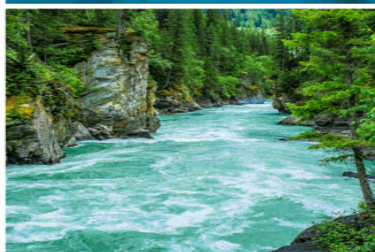
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Anna Byers



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: FLAGLER 8 CTB 1

Work Order: E407087

Job Number: 01058-0007

Received: 7/12/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/16/24

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 7/16/24



Anna Byers
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: FLAGLER 8 CTB 1
Workorder: E407087
Date Received: 7/12/2024 8:30:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/12/2024 8:30:00AM, under the Project Name: FLAGLER 8 CTB 1.

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

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

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

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

Respectfully,

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

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Sample Summary

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	07/16/24 12:51

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH04 6'	E407087-01A	Soil	07/10/24	07/12/24	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: FLAGLER 8 CTB 1 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 7/16/2024 12:51:31PM
---	--	-----------------------------------

BH04 6'
E407087-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2428095	
Benzene	ND	0.0250	1	07/12/24	07/15/24	
Ethylbenzene	ND	0.0250	1	07/12/24	07/15/24	
Toluene	ND	0.0250	1	07/12/24	07/15/24	
o-Xylene	ND	0.0250	1	07/12/24	07/15/24	
p,m-Xylene	ND	0.0500	1	07/12/24	07/15/24	
Total Xylenes	ND	0.0250	1	07/12/24	07/15/24	
Surrogate: 4-Bromochlorobenzene-PID	90.3 %	70-130		07/12/24	07/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2428095	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/12/24	07/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	108 %	70-130		07/12/24	07/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2428097	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/12/24	07/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/12/24	07/13/24	
Surrogate: n-Nonane	97.6 %	50-200		07/12/24	07/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF		Batch: 2428096	
Chloride	2000	20.0	1	07/12/24	07/12/24	

QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	7/16/2024 12:51:31PM

Volatile Organics by EPA 8021B

Analyst: BA

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

Blank (2428095-BLK1) Prepared: 07/12/24 Analyzed: 07/15/24

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	7.27		8.00		90.9	70-130			

LCS (2428095-BS1) Prepared: 07/12/24 Analyzed: 07/15/24

Benzene	5.37	0.0250	5.00		107	70-130			
Ethylbenzene	5.03	0.0250	5.00		101	70-130			
Toluene	5.28	0.0250	5.00		106	70-130			
o-Xylene	5.13	0.0250	5.00		103	70-130			
p,m-Xylene	10.4	0.0500	10.0		104	70-130			
Total Xylenes	15.5	0.0250	15.0		103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.35		8.00		91.8	70-130			

Matrix Spike (2428095-MS1) Source: E407085-02 Prepared: 07/12/24 Analyzed: 07/15/24

Benzene	5.32	0.0250	5.00	ND	106	54-133			
Ethylbenzene	4.98	0.0250	5.00	ND	99.6	61-133			
Toluene	5.23	0.0250	5.00	ND	105	61-130			
o-Xylene	5.07	0.0250	5.00	ND	101	63-131			
p,m-Xylene	10.3	0.0500	10.0	ND	103	63-131			
Total Xylenes	15.3	0.0250	15.0	ND	102	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.24		8.00		90.5	70-130			

Matrix Spike Dup (2428095-MSD1) Source: E407085-02 Prepared: 07/12/24 Analyzed: 07/15/24

Benzene	5.04	0.0250	5.00	ND	101	54-133	5.57	20	
Ethylbenzene	4.72	0.0250	5.00	ND	94.3	61-133	5.46	20	
Toluene	4.95	0.0250	5.00	ND	99.0	61-130	5.62	20	
o-Xylene	4.80	0.0250	5.00	ND	95.9	63-131	5.48	20	
p,m-Xylene	9.71	0.0500	10.0	ND	97.1	63-131	5.39	20	
Total Xylenes	14.5	0.0250	15.0	ND	96.7	63-131	5.42	20	
Surrogate: 4-Bromochlorobenzene-PID	7.27		8.00		90.9	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	7/16/2024 12:51:31PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2428095-BLK1) Prepared: 07/12/24 Analyzed: 07/15/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.62		8.00		108	70-130			

LCS (2428095-BS2) Prepared: 07/12/24 Analyzed: 07/15/24

Gasoline Range Organics (C6-C10)	57.6	20.0	50.0		115	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.72		8.00		109	70-130			

Matrix Spike (2428095-MS2) Source: E407085-02 Prepared: 07/12/24 Analyzed: 07/15/24

Gasoline Range Organics (C6-C10)	58.4	20.0	50.0	ND	117	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.71		8.00		109	70-130			

Matrix Spike Dup (2428095-MSD2) Source: E407085-02 Prepared: 07/12/24 Analyzed: 07/15/24

Gasoline Range Organics (C6-C10)	54.8	20.0	50.0	ND	110	70-130	6.28	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.73		8.00		109	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	7/16/2024 12:51:31PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

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

Blank (2428097-BLK1) Prepared: 07/12/24 Analyzed: 07/12/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	41.3		50.0		82.7	50-200			

LCS (2428097-BS1) Prepared: 07/12/24 Analyzed: 07/15/24

Diesel Range Organics (C10-C28)	263	25.0	250		105	38-132			
Surrogate: n-Nonane	55.0		50.0		110	50-200			

Matrix Spike (2428097-MS1) Source: E407085-05 Prepared: 07/12/24 Analyzed: 07/15/24

Diesel Range Organics (C10-C28)	264	25.0	250	ND	106	38-132			
Surrogate: n-Nonane	46.1		50.0		92.2	50-200			

Matrix Spike Dup (2428097-MSD1) Source: E407085-05 Prepared: 07/12/24 Analyzed: 07/15/24

Diesel Range Organics (C10-C28)	264	25.0	250	ND	106	38-132	0.0264	20	
Surrogate: n-Nonane	46.9		50.0		93.8	50-200			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	7/16/2024 12:51:31PM

Anions by EPA 300.0/9056A

Analyst: WF

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

Blank (2428096-BLK1)					Prepared: 07/12/24 Analyzed: 07/12/24				
Chloride	ND	20.0							
LCS (2428096-BS1)					Prepared: 07/12/24 Analyzed: 07/12/24				
Chloride	257	20.0	250		103	90-110			
Matrix Spike (2428096-MS1)					Source: E407085-03		Prepared: 07/12/24 Analyzed: 07/12/24		
Chloride	1630	200	250	1210	168	80-120			M4
Matrix Spike Dup (2428096-MSD1)					Source: E407085-03		Prepared: 07/12/24 Analyzed: 07/12/24		
Chloride	1540	200	250	1210	131	80-120	5.78	20	M4

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



Definitions and Notes

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	07/16/24 12:51

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

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

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



[illegible]

Envirotech Analytical Laboratory

Printed: 7/12/2024 11:36:36AM

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:	07/12/24 08:30	Work Order ID:	E407087
Phone:	(575) 748-0176	Date Logged In:	07/12/24 11:32	Logged In By:	Noe Soto
Email:	anna@ensolum.com	Due Date:	07/18/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

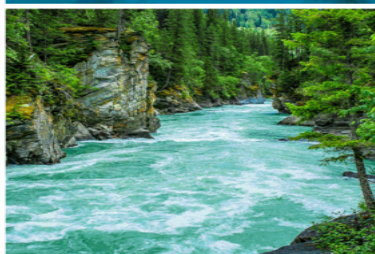
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Anna Byers



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: FLAGLER 8 CTB 1

Work Order: E407086

Job Number: 01058-0007

Received: 7/12/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/16/24

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 7/16/24



Anna Byers
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: FLAGLER 8 CTB 1
Workorder: E407086
Date Received: 7/12/2024 8:30:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/12/2024 8:30:00AM, under the Project Name: FLAGLER 8 CTB 1.

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

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

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

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

Respectfully,

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Sample Summary

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	07/16/24 12:50

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH04 9'	E407086-01A	Soil	07/10/24	07/12/24	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: FLAGLER 8 CTB 1 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 7/16/2024 12:50:33PM
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BH04 9'

E407086-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2428095	
Benzene	ND	0.0250	1	07/12/24	07/15/24	
Ethylbenzene	ND	0.0250	1	07/12/24	07/15/24	
Toluene	ND	0.0250	1	07/12/24	07/15/24	
o-Xylene	ND	0.0250	1	07/12/24	07/15/24	
p,m-Xylene	ND	0.0500	1	07/12/24	07/15/24	
Total Xylenes	ND	0.0250	1	07/12/24	07/15/24	
Surrogate: 4-Bromochlorobenzene-PID	89.1 %	70-130		07/12/24	07/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2428095	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/12/24	07/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	107 %	70-130		07/12/24	07/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2428097	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/12/24	07/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/12/24	07/13/24	
Surrogate: n-Nonane	92.6 %	50-200		07/12/24	07/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF		Batch: 2428096	
Chloride	369	20.0	1	07/12/24	07/12/24	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	7/16/2024 12:50:33PM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2428095-BLK1) Prepared: 07/12/24 Analyzed: 07/15/24

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	7.27		8.00		90.9	70-130			

LCS (2428095-BS1) Prepared: 07/12/24 Analyzed: 07/15/24

Benzene	5.37	0.0250	5.00		107	70-130			
Ethylbenzene	5.03	0.0250	5.00		101	70-130			
Toluene	5.28	0.0250	5.00		106	70-130			
o-Xylene	5.13	0.0250	5.00		103	70-130			
p,m-Xylene	10.4	0.0500	10.0		104	70-130			
Total Xylenes	15.5	0.0250	15.0		103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.35		8.00		91.8	70-130			

Matrix Spike (2428095-MS1) Source: E407085-02 Prepared: 07/12/24 Analyzed: 07/15/24

Benzene	5.32	0.0250	5.00	ND	106	54-133			
Ethylbenzene	4.98	0.0250	5.00	ND	99.6	61-133			
Toluene	5.23	0.0250	5.00	ND	105	61-130			
o-Xylene	5.07	0.0250	5.00	ND	101	63-131			
p,m-Xylene	10.3	0.0500	10.0	ND	103	63-131			
Total Xylenes	15.3	0.0250	15.0	ND	102	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.24		8.00		90.5	70-130			

Matrix Spike Dup (2428095-MSD1) Source: E407085-02 Prepared: 07/12/24 Analyzed: 07/15/24

Benzene	5.04	0.0250	5.00	ND	101	54-133	5.57	20	
Ethylbenzene	4.72	0.0250	5.00	ND	94.3	61-133	5.46	20	
Toluene	4.95	0.0250	5.00	ND	99.0	61-130	5.62	20	
o-Xylene	4.80	0.0250	5.00	ND	95.9	63-131	5.48	20	
p,m-Xylene	9.71	0.0500	10.0	ND	97.1	63-131	5.39	20	
Total Xylenes	14.5	0.0250	15.0	ND	96.7	63-131	5.42	20	
Surrogate: 4-Bromochlorobenzene-PID	7.27		8.00		90.9	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	7/16/2024 12:50:33PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2428095-BLK1) Prepared: 07/12/24 Analyzed: 07/15/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.62		8.00		108	70-130			

LCS (2428095-BS2) Prepared: 07/12/24 Analyzed: 07/15/24

Gasoline Range Organics (C6-C10)	57.6	20.0	50.0		115	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.72		8.00		109	70-130			

Matrix Spike (2428095-MS2) Source: E407085-02 Prepared: 07/12/24 Analyzed: 07/15/24

Gasoline Range Organics (C6-C10)	58.4	20.0	50.0	ND	117	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.71		8.00		109	70-130			

Matrix Spike Dup (2428095-MSD2) Source: E407085-02 Prepared: 07/12/24 Analyzed: 07/15/24

Gasoline Range Organics (C6-C10)	54.8	20.0	50.0	ND	110	70-130	6.28	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.73		8.00		109	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	7/16/2024 12:50:33PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2428097-BLK1)					Prepared: 07/12/24 Analyzed: 07/12/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	41.3		50.0		82.7	50-200			

LCS (2428097-BS1)					Prepared: 07/12/24 Analyzed: 07/15/24				
Diesel Range Organics (C10-C28)	263	25.0	250		105	38-132			
Surrogate: n-Nonane	55.0		50.0		110	50-200			

Matrix Spike (2428097-MS1)					Source: E407085-05		Prepared: 07/12/24 Analyzed: 07/15/24		
Diesel Range Organics (C10-C28)	264	25.0	250	ND	106	38-132			
Surrogate: n-Nonane	46.1		50.0		92.2	50-200			

Matrix Spike Dup (2428097-MSD1)					Source: E407085-05		Prepared: 07/12/24 Analyzed: 07/15/24		
Diesel Range Organics (C10-C28)	264	25.0	250	ND	106	38-132	0.0264	20	
Surrogate: n-Nonane	46.9		50.0		93.8	50-200			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	7/16/2024 12:50:33PM

Anions by EPA 300.0/9056A

Analyst: WF

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

Blank (2428096-BLK1)					Prepared: 07/12/24 Analyzed: 07/12/24				
Chloride	ND	20.0							
LCS (2428096-BS1)					Prepared: 07/12/24 Analyzed: 07/12/24				
Chloride	257	20.0	250		103	90-110			
Matrix Spike (2428096-MS1)					Source: E407085-03		Prepared: 07/12/24 Analyzed: 07/12/24		
Chloride	1630	200	250	1210	168	80-120			M4
Matrix Spike Dup (2428096-MSD1)					Source: E407085-03		Prepared: 07/12/24 Analyzed: 07/12/24		
Chloride	1540	200	250	1210	131	80-120	5.78	20	M4

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



Definitions and Notes

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	07/16/24 12:50

- 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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Envirotech Analytical Laboratory

Printed: 7/12/2024 11:26:43AM

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:	07/12/24 08:30	Work Order ID:	E407086
Phone:	(575) 748-0176	Date Logged In:	07/12/24 11:21	Logged In By:	Noe Soto
Email:	anna@ensolum.com	Due Date:	07/18/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

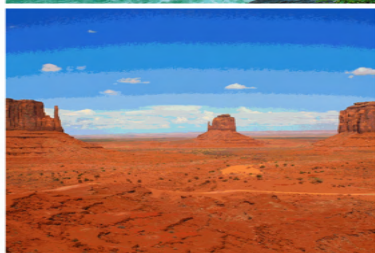
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Gilbert Moreno



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: FLAGLER 8 CTB 1

Work Order: E404065

Job Number: 01058-0007

Received: 4/10/2024

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/16/24

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 4/16/24



Gilbert Moreno
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: FLAGLER 8 CTB 1
Workorder: E404065
Date Received: 4/10/2024 9:33:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/10/2024 9:33:00AM, under the Project Name: FLAGLER 8 CTB 1.

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

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

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

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

Respectfully,

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Sample Summary

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	04/16/24 15:38

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH06 0.5'	E404065-01A	Soil	04/08/24	04/10/24	Glass Jar, 2 oz.
BH06 4'	E404065-02A	Soil	04/08/24	04/10/24	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: FLAGLER 8 CTB 1 Project Number: 01058-0007 Project Manager: Gilbert Moreno	Reported: 4/16/2024 3:38:26PM
---	--	----------------------------------

BH06 0.5'

E404065-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2415034
Benzene	ND	0.0250	1	04/10/24	04/12/24	
Ethylbenzene	ND	0.0250	1	04/10/24	04/12/24	
Toluene	ND	0.0250	1	04/10/24	04/12/24	
o-Xylene	ND	0.0250	1	04/10/24	04/12/24	
p,m-Xylene	ND	0.0500	1	04/10/24	04/12/24	
Total Xylenes	ND	0.0250	1	04/10/24	04/12/24	
Surrogate: Bromofluorobenzene		108 %	70-130	04/10/24	04/12/24	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130	04/10/24	04/12/24	
Surrogate: Toluene-d8		94.5 %	70-130	04/10/24	04/12/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2415034
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/10/24	04/12/24	
Surrogate: Bromofluorobenzene		108 %	70-130	04/10/24	04/12/24	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130	04/10/24	04/12/24	
Surrogate: Toluene-d8		94.5 %	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		111 %	50-200	04/11/24	04/11/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2415036
Chloride	ND	20.0	1	04/10/24	04/11/24	



Sample Data

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

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

Reported:
4/16/2024 3:38:26PM

BH06 4'

E404065-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2415034
Benzene	ND	0.0250	1	04/10/24	04/12/24	
Ethylbenzene	ND	0.0250	1	04/10/24	04/12/24	
Toluene	ND	0.0250	1	04/10/24	04/12/24	
o-Xylene	ND	0.0250	1	04/10/24	04/12/24	
p,m-Xylene	ND	0.0500	1	04/10/24	04/12/24	
Total Xylenes	ND	0.0250	1	04/10/24	04/12/24	
Surrogate: Bromofluorobenzene		107 %	70-130	04/10/24	04/12/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	04/10/24	04/12/24	
Surrogate: Toluene-d8		93.2 %	70-130	04/10/24	04/12/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2415034
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/10/24	04/12/24	
Surrogate: Bromofluorobenzene		107 %	70-130	04/10/24	04/12/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	04/10/24	04/12/24	
Surrogate: Toluene-d8		93.2 %	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		116 %	50-200	04/11/24	04/11/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2415036
Chloride	70.3	20.0	1	04/10/24	04/11/24	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/16/2024 3:38:26PM

Volatile Organic Compounds by EPA 8260B

Analyst: RAS

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

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

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.521		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.8	70-130			
Surrogate: Toluene-d8	0.491		0.500		98.2	70-130			

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

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

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

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

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

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



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/16/2024 3:38:26PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RAS

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

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

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

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

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

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

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

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

Gasoline Range Organics (C6-C10)	48.8	20.0	50.0	ND	97.6	70-130	16.4	20	
Surrogate: Bromofluorobenzene	0.529		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.4	70-130			
Surrogate: Toluene-d8	0.501		0.500		100	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/16/2024 3:38:26PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2415051-BLK1)					Prepared: 04/11/24 Analyzed: 04/11/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	56.7		50.0		113	50-200			

LCS (2415051-BS1)					Prepared: 04/11/24 Analyzed: 04/11/24				
Diesel Range Organics (C10-C28)	322	25.0	250		129	38-132			
Surrogate: n-Nonane	60.7		50.0		121	50-200			

Matrix Spike (2415051-MS1)					Source: E404067-01		Prepared: 04/11/24 Analyzed: 04/11/24		
Diesel Range Organics (C10-C28)	324	25.0	250	ND	129	38-132			
Surrogate: n-Nonane	60.3		50.0		121	50-200			

Matrix Spike Dup (2415051-MSD1)					Source: E404067-01		Prepared: 04/11/24 Analyzed: 04/11/24		
Diesel Range Organics (C10-C28)	323	25.0	250	ND	129	38-132	0.146	20	
Surrogate: n-Nonane	59.0		50.0		118	50-200			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/16/2024 3:38:26PM

Anions by EPA 300.0/9056A

Analyst: IY

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

Blank (2415036-BLK1)					Prepared: 04/10/24 Analyzed: 04/10/24				
Chloride	ND	20.0							
LCS (2415036-BS1)					Prepared: 04/10/24 Analyzed: 04/10/24				
Chloride	250	20.0	250		100	90-110			
Matrix Spike (2415036-MS1)					Source: E404058-25		Prepared: 04/10/24 Analyzed: 04/10/24		
Chloride	262	20.0	250	ND	105	80-120			
Matrix Spike Dup (2415036-MSD1)					Source: E404058-25		Prepared: 04/10/24 Analyzed: 04/10/24		
Chloride	263	20.0	250	ND	105	80-120	0.459	20	

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



Definitions and Notes

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Gilbert Moreno	04/16/24 15:38

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



Project Information

Chain of Custody

Client: Devon Energy Production Co LP				Bill To		Lab Use Only		TAT		EPA Program								
Project: FLAGLER 8 CTB 1				Attention: Jim Raley		Lab WO#		1D	2D	3D	Standard	CWA	SDWA					
Project Manager: Gilbert Moreno				Address: 5315 Buena Vista Dr.		Job Number					5 day TAT							
Address: 13000 W County Rd 100				City, State, Zip: Carlsbad, NM, 88220		Analysis and Method												
City, State, Zip: Odessa, TX, 79765				Phone: 575-885-7502		Depth(ft.)	TPH GRO/DRO/ORO by 8015	BTX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	GDGC TX	State				
Phone: 432-305-6414				Email: jim.raley@devn.com										NM	CO	UT	AZ	TX
Email: Devon-team@etechnv.com				WO: 21179750														
				Incident ID: nRM2014360340														
Collected by: Edyte Konan												Remarks						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number													
15:20	04.08.24	S	1	BH06	1	0.5'						X						
15:03	04.08.24	S	1	BH06	2	4'						X						
04/09/24																		
Additional Instructions:																		
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.										Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.								
Sampled by: EK										Lab Use Only								
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N										
Michelle Gonzalez		4-9-24	1622	Michelle Gonzalez		4-9-24	0900	T1 T2 T3										
A.M.		4-9-24	2330	A.M.		4-10-24	9:33	AVG Temp °C 4										
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other										Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA								
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																		



Envirotech Analytical Laboratory

Printed: 4/10/2024 1:07:34PM

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 09:33	Work Order ID:	E404065
Phone:	(575) 748-0176	Date Logged In:	04/10/24 09:22	Logged In By:	Alexa Michaels
Email:	Devon-team@etechenv.com	Due Date:	04/16/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: Courier**Comments/Resolution****Sample Turn Around Time (TAT)**

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

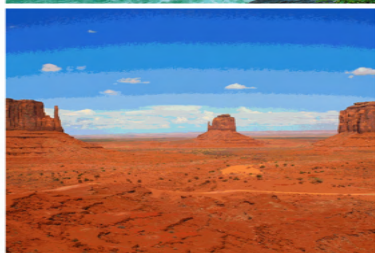
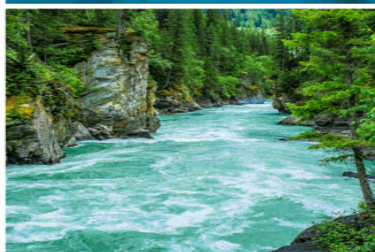
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Anna Byers



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: FLAGLER 8 CTB 1

Work Order: E407078

Job Number: 01058-0007

Received: 7/11/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/16/24

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 7/16/24



Anna Byers
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: FLAGLER 8 CTB 1
Workorder: E407078
Date Received: 7/11/2024 12:00:00PM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/11/2024 12:00:00PM, under the Project Name: FLAGLER 8 CTB 1.

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

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

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

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

Respectfully,

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

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Sample Summary

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	07/16/24 10:39

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH07 0.5'	E407078-01A	Soil	07/09/24	07/11/24	Glass Jar, 2 oz.
BH07 4'	E407078-02A	Soil	07/09/24	07/11/24	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported: 7/16/2024 10:39:51AM
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	

BH07 0.5'

E407078-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2428088	
Benzene	ND	0.0250	1	07/12/24	07/15/24	
Ethylbenzene	ND	0.0250	1	07/12/24	07/15/24	
Toluene	ND	0.0250	1	07/12/24	07/15/24	
o-Xylene	ND	0.0250	1	07/12/24	07/15/24	
p,m-Xylene	ND	0.0500	1	07/12/24	07/15/24	
Total Xylenes	ND	0.0250	1	07/12/24	07/15/24	
Surrogate: 4-Bromochlorobenzene-PID	88.2 %	70-130		07/12/24	07/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2428088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/12/24	07/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	97.6 %	70-130		07/12/24	07/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2428093	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/12/24	07/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/12/24	07/12/24	
Surrogate: n-Nonane	120 %	50-200		07/12/24	07/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2428092	
Chloride	65.8	20.0	1	07/12/24	07/12/24	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: FLAGLER 8 CTB 1 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 7/16/2024 10:39:51AM
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BH07 4'

E407078-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2428088	
Benzene	ND	0.0250	1	07/12/24	07/15/24	
Ethylbenzene	ND	0.0250	1	07/12/24	07/15/24	
Toluene	ND	0.0250	1	07/12/24	07/15/24	
o-Xylene	ND	0.0250	1	07/12/24	07/15/24	
p,m-Xylene	ND	0.0500	1	07/12/24	07/15/24	
Total Xylenes	ND	0.0250	1	07/12/24	07/15/24	
Surrogate: 4-Bromochlorobenzene-PID	87.6 %	70-130		07/12/24	07/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2428088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/12/24	07/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	96.7 %	70-130		07/12/24	07/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2428093	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/12/24	07/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/12/24	07/12/24	
Surrogate: n-Nonane	125 %	50-200		07/12/24	07/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2428092	
Chloride	144	20.0	1	07/12/24	07/12/24	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	7/16/2024 10:39:51AM

Volatile Organics by EPA 8021B

Analyst: IY

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

Blank (2428088-BLK1)

Prepared: 07/12/24 Analyzed: 07/15/24

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	7.35		8.00		91.8	70-130			

LCS (2428088-BS1)

Prepared: 07/12/24 Analyzed: 07/15/24

Benzene	4.55	0.0250	5.00		91.0	70-130			
Ethylbenzene	4.39	0.0250	5.00		87.8	70-130			
Toluene	4.49	0.0250	5.00		89.9	70-130			
o-Xylene	4.37	0.0250	5.00		87.4	70-130			
p,m-Xylene	8.92	0.0500	10.0		89.2	70-130			
Total Xylenes	13.3	0.0250	15.0		88.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.31		8.00		91.4	70-130			

LCS Dup (2428088-BSD1)

Prepared: 07/12/24 Analyzed: 07/15/24

Benzene	4.70	0.0250	5.00		94.0	70-130	3.24	20	
Ethylbenzene	4.54	0.0250	5.00		90.7	70-130	3.29	20	
Toluene	4.64	0.0250	5.00		92.7	70-130	3.10	20	
o-Xylene	4.51	0.0250	5.00		90.2	70-130	3.25	20	
p,m-Xylene	9.20	0.0500	10.0		92.0	70-130	3.10	20	
Total Xylenes	13.7	0.0250	15.0		91.4	70-130	3.15	20	
Surrogate: 4-Bromochlorobenzene-PID	7.34		8.00		91.7	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	7/16/2024 10:39:51AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2428088-BLK1) Prepared: 07/12/24 Analyzed: 07/15/24

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

LCS (2428088-BS2) Prepared: 07/12/24 Analyzed: 07/15/24

Gasoline Range Organics (C6-C10)	48.8	20.0	50.0		97.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.87		8.00		98.3	70-130			

LCS Dup (2428088-BSD2) Prepared: 07/12/24 Analyzed: 07/15/24

Gasoline Range Organics (C6-C10)	50.4	20.0	50.0		101	70-130	3.24	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.86		8.00		98.3	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	7/16/2024 10:39:51AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2428093-BLK1) Prepared: 07/12/24 Analyzed: 07/12/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	63.4		50.0		127	50-200			

LCS (2428093-BS1) Prepared: 07/12/24 Analyzed: 07/12/24

Diesel Range Organics (C10-C28)	318	25.0	250		127	38-132			
Surrogate: n-Nonane	65.4		50.0		131	50-200			

Matrix Spike (2428093-MS1) Source: E407078-02 Prepared: 07/12/24 Analyzed: 07/12/24

Diesel Range Organics (C10-C28)	318	25.0	250	ND	127	38-132			
Surrogate: n-Nonane	64.3		50.0		129	50-200			

Matrix Spike Dup (2428093-MSD1) Source: E407078-02 Prepared: 07/12/24 Analyzed: 07/12/24

Diesel Range Organics (C10-C28)	321	25.0	250	ND	128	38-132	0.900	20	
Surrogate: n-Nonane	65.8		50.0		132	50-200			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	7/16/2024 10:39:51AM

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (2428092-BLK1)					Prepared: 07/12/24 Analyzed: 07/12/24				
Chloride	ND	20.0							
LCS (2428092-BS1)					Prepared: 07/12/24 Analyzed: 07/12/24				
Chloride	254	20.0	250		101	90-110			
Matrix Spike (2428092-MS1)					Source: E407077-02		Prepared: 07/12/24 Analyzed: 07/12/24		
Chloride	362	20.0	250	105	103	80-120			
Matrix Spike Dup (2428092-MSD1)					Source: E407077-02		Prepared: 07/12/24 Analyzed: 07/12/24		
Chloride	353	20.0	250	105	99.3	80-120	2.34	20	

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



Definitions and Notes

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	07/16/24 10:39

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

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

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



Client: Devon Energy Production Co LP				Bill To		Lab Use Only				TAT				EPA Program				
Project: FLAGLER 8 CTB 1				Attention: Jim Raley		Lab WO#		Job Number		1D	2D	3D	Standard	CWA	SDWA			
Project Manager: Anna Byers				Address: 5315 Buena Vista Dr.		E407078		01058-0007					5 day TAT					
Address: 13000 W County Rd 100				City, State, Zip: Carlsbad, NM, 88220		Analysis and Method										RCRA		
City, State, Zip: Odessa, TX, 79765				Phone: 575-885-7502		Depth(ft.)	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	GDOC TX	State				
Phone: 432-305-6415				Email: jim.raley@devon.com										NM	CO	UT	AZ	TX
Email: Devon-team@etechnv.com				WO: 21179750														
Incident ID: nRM2014360340																		
Collected by: Edyte Konan																		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number									Remarks				
10:00	07.09.24	S	1	BH07	1	0.5'							X					
10:20	07.09.24	S	1	BH07	2	4'							X					
7/10/2024																		
Additional Instructions:																		
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: EK																		
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only										
[Signature]		07/10/2024	10:00	Michelle Gonzales		7-10-24	1000	Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N										
Michelle Gonzales		7-10-24	1630	[Signature]		7-10-24	1805	T1 T2 T3										
[Signature]		7-10-24	2400	[Signature]		7-10-24	1200	AVG Temp °C 4										
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																		
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																		
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																		



Envirotech Analytical Laboratory

Printed: 7/11/2024 2:11:33PM

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:	07/11/24 12:00	Work Order ID:	E407078
Phone:	(575) 748-0176	Date Logged In:	07/11/24 13:57	Logged In By:	Noe Soto
Email:	anna@ensolum.com	Due Date:	07/18/24 17:00 (5 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Anna Byers



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: FLAGLER 8 CTB 1

Work Order: E407065

Job Number: 01058-0007

Received: 7/11/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/16/24

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 7/16/24



Anna Byers
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: FLAGLER 8 CTB 1
Workorder: E407065
Date Received: 7/11/2024 10:30:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/11/2024 10:30:00AM, under the Project Name: FLAGLER 8 CTB 1.

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

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

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

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

Respectfully,

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

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Sample Summary

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	07/16/24 09:53

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH08 0.5'	E407065-01A	Soil	07/09/24	07/11/24	Glass Jar, 2 oz.
BH08 4'	E407065-02A	Soil	07/09/24	07/11/24	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported: 7/16/2024 9:53:56AM
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	

BH08 0.5'

E407065-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2428073	
Benzene	ND	0.0250	1	07/11/24	07/11/24	
Ethylbenzene	ND	0.0250	1	07/11/24	07/11/24	
Toluene	ND	0.0250	1	07/11/24	07/11/24	
o-Xylene	ND	0.0250	1	07/11/24	07/11/24	
p,m-Xylene	ND	0.0500	1	07/11/24	07/11/24	
Total Xylenes	ND	0.0250	1	07/11/24	07/11/24	
Surrogate: 4-Bromochlorobenzene-PID	86.8 %	70-130		07/11/24	07/11/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2428073	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/11/24	07/11/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	98.4 %	70-130		07/11/24	07/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2428077	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/11/24	07/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/11/24	07/12/24	
Surrogate: n-Nonane	119 %	50-200		07/11/24	07/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2428078	
Chloride	595	20.0	1	07/11/24	07/11/24	



Sample Data

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

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

Reported:
7/16/2024 9:53:56AM

BH08 4'

E407065-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2428073	
Benzene	ND	0.0250	1	07/11/24	07/11/24	
Ethylbenzene	ND	0.0250	1	07/11/24	07/11/24	
Toluene	ND	0.0250	1	07/11/24	07/11/24	
o-Xylene	ND	0.0250	1	07/11/24	07/11/24	
p,m-Xylene	ND	0.0500	1	07/11/24	07/11/24	
Total Xylenes	ND	0.0250	1	07/11/24	07/11/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.9 %	70-130		07/11/24	07/11/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2428073	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/11/24	07/11/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.6 %	70-130		07/11/24	07/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2428077	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/11/24	07/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/11/24	07/12/24	
<i>Surrogate: n-Nonane</i>						
	120 %	50-200		07/11/24	07/12/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2428078	
Chloride	226	20.0	1	07/11/24	07/11/24	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	7/16/2024 9:53:56AM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2428073-BLK1) Prepared: 07/11/24 Analyzed: 07/11/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.97		8.00		87.1	70-130			

LCS (2428073-BS1) Prepared: 07/11/24 Analyzed: 07/11/24

Benzene	4.86	0.0250	5.00		97.1	70-130			
Ethylbenzene	4.69	0.0250	5.00		93.8	70-130			
Toluene	4.79	0.0250	5.00		95.9	70-130			
o-Xylene	4.65	0.0250	5.00		93.0	70-130			
p,m-Xylene	9.53	0.0500	10.0		95.3	70-130			
Total Xylenes	14.2	0.0250	15.0		94.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.20		8.00		90.0	70-130			

Matrix Spike (2428073-MS1) Source: E407062-05 Prepared: 07/11/24 Analyzed: 07/11/24

Benzene	5.11	0.0250	5.00	ND	102	54-133			
Ethylbenzene	4.93	0.0250	5.00	ND	98.7	61-133			
Toluene	5.04	0.0250	5.00	ND	101	61-130			
o-Xylene	4.91	0.0250	5.00	ND	98.3	63-131			
p,m-Xylene	10.0	0.0500	10.0	ND	100	63-131			
Total Xylenes	14.9	0.0250	15.0	ND	99.6	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.18		8.00		89.8	70-130			

Matrix Spike Dup (2428073-MSD1) Source: E407062-05 Prepared: 07/11/24 Analyzed: 07/11/24

Benzene	4.72	0.0250	5.00	ND	94.3	54-133	8.04	20	
Ethylbenzene	4.57	0.0250	5.00	ND	91.3	61-133	7.76	20	
Toluene	4.66	0.0250	5.00	ND	93.2	61-130	7.90	20	
o-Xylene	4.54	0.0250	5.00	ND	90.8	63-131	7.87	20	
p,m-Xylene	9.30	0.0500	10.0	ND	93.0	63-131	7.53	20	
Total Xylenes	13.8	0.0250	15.0	ND	92.3	63-131	7.64	20	
Surrogate: 4-Bromochlorobenzene-PID	7.18		8.00		89.8	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	7/16/2024 9:53:56AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2428073-BLK1) Prepared: 07/11/24 Analyzed: 07/11/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.83		8.00		97.9	70-130			

LCS (2428073-BS2) Prepared: 07/11/24 Analyzed: 07/11/24

Gasoline Range Organics (C6-C10)	51.7	20.0	50.0		103	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.90		8.00		98.7	70-130			

Matrix Spike (2428073-MS2) Source: E407062-05 Prepared: 07/11/24 Analyzed: 07/11/24

Gasoline Range Organics (C6-C10)	49.7	20.0	50.0	ND	99.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.81		8.00		97.6	70-130			

Matrix Spike Dup (2428073-MSD2) Source: E407062-05 Prepared: 07/11/24 Analyzed: 07/11/24

Gasoline Range Organics (C6-C10)	49.9	20.0	50.0	ND	99.7	70-130	0.404	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.92		8.00		99.0	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	7/16/2024 9:53:56AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2428077-BLK1)					Prepared: 07/11/24 Analyzed: 07/11/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	64.5		50.0		129	50-200			

LCS (2428077-BS1)					Prepared: 07/11/24 Analyzed: 07/11/24				
Diesel Range Organics (C10-C28)	302	25.0	250		121	38-132			
Surrogate: n-Nonane	61.3		50.0		123	50-200			

Matrix Spike (2428077-MS1)					Source: E407062-04		Prepared: 07/11/24 Analyzed: 07/11/24		
Diesel Range Organics (C10-C28)	306	25.0	250	ND	123	38-132			
Surrogate: n-Nonane	63.6		50.0		127	50-200			

Matrix Spike Dup (2428077-MSD1)					Source: E407062-04		Prepared: 07/11/24 Analyzed: 07/11/24		
Diesel Range Organics (C10-C28)	315	25.0	250	ND	126	38-132	2.84	20	
Surrogate: n-Nonane	63.3		50.0		127	50-200			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	7/16/2024 9:53:56AM

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (2428078-BLK1)					Prepared: 07/11/24 Analyzed: 07/11/24				
Chloride	ND	20.0							
LCS (2428078-BS1)					Prepared: 07/11/24 Analyzed: 07/11/24				
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2428078-MS1)					Source: E407061-01		Prepared: 07/11/24 Analyzed: 07/11/24		
Chloride	320	20.0	250	61.9	103	80-120			
Matrix Spike Dup (2428078-MSD1)					Source: E407061-01		Prepared: 07/11/24 Analyzed: 07/11/24		
Chloride	319	20.0	250	61.9	103	80-120	0.264	20	

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



Definitions and Notes

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	07/16/24 09:53

- 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.



E407065

Client: Devon Energy Production Co LP				Bill To		Lab Use Only				TAT				EPA Program				
Project: FLAGLER 8 CTB 1				Attention: Jim Raley		Lab WO#		Job Number		1D	2D	3D	Standard	CWA	SDWA			
Project Manager: Anna Byers				Address: 5315 Buena Vista Dr.		E 4016		101058-0007					5 day TAT					
Address: 13000 W County Rd 100				City, State, Zip: Carlsbad, NM, 88220		Analysis and Method											RCRA	
City, State, Zip: Odessa, TX, 79765				Phone: 575-885-7502		Depth (ft.)	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	GDOC TX	State				
Phone: 432-305-6415				Email: jim.raley@devon.com										NM	CO	UT	AZ	TX
Email: Devon-team@devon.com				WO: 21179750														
Incident ID: nRM2014360340																		
Collected by: Edyte Konan																		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number										Remarks			
10:40	07.09.24	S	1	BH08	1	0.5'							X					
11:00	07.09.24	S	1	BH08	2	4'							X					
07/10/2024																		
Additional Instructions:																		
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.												Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.						
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only										
[Signature]		07/10/24	10:00	Michelle Gonzales		7/10/24	1000	Received on ice: Y N										
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 T2 T3										
Michelle Gonzales		7-10-24	1630	A.M.		7-10-24	1805											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	AVG Temp °C										
A.M.		7-10-24	2400	Alexa Michaels		7/11/24	1030	4										
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other												Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA						
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																		



envirotech

Envirotech Analytical Laboratory

Printed: 7/11/2024 3:04:00PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	07/11/24 10:30	Work Order ID:	E407065
Phone:	(575) 748-0176	Date Logged In:	07/10/24 16:08	Logged In By:	Alexa Michaels
Email:	anna@ensolum.com	Due Date:	07/17/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: Courier**Comments/Resolution****Sample Turn Around Time (TAT)**

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Anna Byers



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: FLAGLER 8 CTB 1

Work Order: E407069

Job Number: 01058-0007

Received: 7/11/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/16/24

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 7/16/24



Anna Byers
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: FLAGLER 8 CTB 1
Workorder: E407069
Date Received: 7/11/2024 10:30:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/11/2024 10:30:00AM, under the Project Name: FLAGLER 8 CTB 1.

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

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

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

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

Respectfully,

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

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

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Sample Summary

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	07/16/24 12:38

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH09 0.5'	E407069-01A	Soil	07/09/24	07/11/24	Glass Jar, 2 oz.
BH09 4'	E407069-02A	Soil	07/09/24	07/11/24	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported: 7/16/2024 12:38:53PM
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	

BH09 0.5'

E407069-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2428075	
Benzene	ND	0.0250	1	07/11/24	07/12/24	
Ethylbenzene	ND	0.0250	1	07/11/24	07/12/24	
Toluene	ND	0.0250	1	07/11/24	07/12/24	
o-Xylene	ND	0.0250	1	07/11/24	07/12/24	
p,m-Xylene	ND	0.0500	1	07/11/24	07/12/24	
Total Xylenes	ND	0.0250	1	07/11/24	07/12/24	
Surrogate: 4-Bromochlorobenzene-PID	89.7 %	70-130		07/11/24	07/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2428075	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/11/24	07/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	109 %	70-130		07/11/24	07/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2428080	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/11/24	07/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/11/24	07/12/24	
Surrogate: n-Nonane	111 %	50-200		07/11/24	07/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2428083	
Chloride	477	20.0	1	07/11/24	07/11/24	



Sample Data

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

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

Reported:
7/16/2024 12:38:53PM

BH09 4'

E407069-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2428075	
Benzene	ND	0.0250	1	07/11/24	07/12/24	
Ethylbenzene	ND	0.0250	1	07/11/24	07/12/24	
Toluene	ND	0.0250	1	07/11/24	07/12/24	
o-Xylene	ND	0.0250	1	07/11/24	07/12/24	
p,m-Xylene	ND	0.0500	1	07/11/24	07/12/24	
Total Xylenes	ND	0.0250	1	07/11/24	07/12/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	90.0 %	70-130		07/11/24	07/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2428075	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/11/24	07/12/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	110 %	70-130		07/11/24	07/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2428080	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/11/24	07/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/11/24	07/12/24	
<i>Surrogate: n-Nonane</i>	113 %	50-200		07/11/24	07/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2428083	
Chloride	817	20.0	1	07/11/24	07/11/24	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	7/16/2024 12:38:53PM

Volatile Organics by EPA 8021B

Analyst: BA

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

Blank (2428075-BLK1) Prepared: 07/11/24 Analyzed: 07/12/24

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: 4-Bromochlorobenzene-PID	7.09		8.00		88.6	70-130			

LCS (2428075-BS1) Prepared: 07/11/24 Analyzed: 07/16/24

Benzene	4.78	0.0250	5.00		95.5	70-130			
Ethylbenzene	4.46	0.0250	5.00		89.3	70-130			
Toluene	4.70	0.0250	5.00		94.0	70-130			
o-Xylene	4.59	0.0250	5.00		91.7	70-130			
p,m-Xylene	9.19	0.0500	10.0		91.9	70-130			
Total Xylenes	13.8	0.0250	15.0		91.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.53		8.00		94.1	70-130			

Matrix Spike (2428075-MS1) Source: E407071-01 Prepared: 07/11/24 Analyzed: 07/16/24

Benzene	4.92	0.0250	5.00	ND	98.4	54-133			
Ethylbenzene	4.60	0.0250	5.00	ND	92.0	61-133			
Toluene	4.84	0.0250	5.00	ND	96.7	61-130			
o-Xylene	4.71	0.0250	5.00	ND	94.2	63-131			
p,m-Xylene	9.48	0.0500	10.0	ND	94.8	63-131			
Total Xylenes	14.2	0.0250	15.0	ND	94.6	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.52		8.00		94.0	70-130			

Matrix Spike Dup (2428075-MSD1) Source: E407071-01 Prepared: 07/11/24 Analyzed: 07/12/24

Benzene	5.26	0.0250	5.00	ND	105	54-133	6.59	20	
Ethylbenzene	4.88	0.0250	5.00	ND	97.6	61-133	5.97	20	
Toluene	5.15	0.0250	5.00	ND	103	61-130	6.28	20	
o-Xylene	5.00	0.0250	5.00	ND	100	63-131	5.98	20	
p,m-Xylene	10.0	0.0500	10.0	ND	100	63-131	5.56	20	
Total Xylenes	15.0	0.0250	15.0	ND	100	63-131	5.70	20	
Surrogate: 4-Bromochlorobenzene-PID	7.32		8.00		91.5	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	7/16/2024 12:38:53PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2428075-BLK1) Prepared: 07/11/24 Analyzed: 07/12/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.62		8.00		108	70-130			

LCS (2428075-BS2) Prepared: 07/11/24 Analyzed: 07/12/24

Gasoline Range Organics (C6-C10)	46.7	20.0	50.0		93.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.81		8.00		110	70-130			

Matrix Spike (2428075-MS2) Source: E407071-01 Prepared: 07/11/24 Analyzed: 07/16/24

Gasoline Range Organics (C6-C10)	52.4	20.0	50.0	ND	105	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.68		8.00		108	70-130			

Matrix Spike Dup (2428075-MSD2) Source: E407071-01 Prepared: 07/11/24 Analyzed: 07/12/24

Gasoline Range Organics (C6-C10)	52.5	20.0	50.0	ND	105	70-130	0.208	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.87		8.00		111	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	7/16/2024 12:38:53PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2428080-BLK1)					Prepared: 07/11/24 Analyzed: 07/11/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	54.9		50.0		110	50-200			

LCS (2428080-BS1)					Prepared: 07/11/24 Analyzed: 07/11/24				
Diesel Range Organics (C10-C28)	300	25.0	250		120	38-132			
Surrogate: n-Nonane	61.8		50.0		124	50-200			

Matrix Spike (2428080-MS1)					Source: E407068-02		Prepared: 07/11/24 Analyzed: 07/11/24		
Diesel Range Organics (C10-C28)	297	25.0	250	ND	119	38-132			
Surrogate: n-Nonane	61.5		50.0		123	50-200			

Matrix Spike Dup (2428080-MSD1)					Source: E407068-02		Prepared: 07/11/24 Analyzed: 07/11/24		
Diesel Range Organics (C10-C28)	289	25.0	250	ND	116	38-132	2.66	20	
Surrogate: n-Nonane	59.6		50.0		119	50-200			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	7/16/2024 12:38:53PM

Anions by EPA 300.0/9056A

Analyst: JM

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

Blank (2428083-BLK1)					Prepared: 07/11/24 Analyzed: 07/11/24				
Chloride	ND	20.0							
LCS (2428083-BS1)					Prepared: 07/11/24 Analyzed: 07/11/24				
Chloride	250	20.0	250		100	90-110			
Matrix Spike (2428083-MS1)					Source: E407066-02		Prepared: 07/11/24 Analyzed: 07/11/24		
Chloride	542	20.0	250	300	97.1	80-120			
Matrix Spike Dup (2428083-MSD1)					Source: E407066-02		Prepared: 07/11/24 Analyzed: 07/11/24		
Chloride	545	20.0	250	300	98.2	80-120	0.510	20	

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



Definitions and Notes

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	07/16/24 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.

Client: Devon Energy Production Co LP				Bill To		Lab Use Only				TAT			EPA Program																				
Project: FLAGLER 8 CTB 1				Attention: Jim Raley		Lab WO# E407009		Job Number 010580007		1D	2D	3D	Standard	CWA	SDWA																		
Project Manager: Anna Byers				Address: 5315 Buena Vista Dr.		Analysis and Method							5 day TAT																				
Address: 13000 W County Rd 100				City, State, Zip: Carlsbad, NM, 88220														RCRA															
City, State, Zip: Odessa, TX, 79765				Phone: 575-885-7502		Depth (ft.)		TPH GRO/DRO/ORO by 8015		BTEX by 8021		VOC by 8260		Metals 6010		Chloride 300.0		BGDOC NM		GDOC TX		State											
Phone: 432-305-6415				Email: jim.raley@devn.com																		NM					CO	UT	AZ	TX			
Email: Devon-team@etechnv.com				WO: 21179750																		x											
Incident ID: nRM2014360340																																	
Collected by: Edyte Konan																																	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks																											
11:20	07.09.24	S	1	BH09	1																												
11:40	07.09.24	S	1	BH09	2																												
07/10/2024																																	
Additional Instructions:																																	
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																		Sampled by: EK															
Relinquished by: (Signature) <i>[Signature]</i>				Date 07/10/24		Time 10:00		Received by: (Signature) <i>Michelle Gonzales</i>				Date 7-10-24		Time 1000		Lab Use Only																	
Relinquished by: (Signature) <i>Michelle Gonzales</i>				Date 7-10-24		Time 1630		Received by: (Signature) <i>C.H.</i>				Date 7-10-24		Time 1805		Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N																	
Relinquished by: (Signature) <i>C.H.</i>				Date 7-10-24		Time 2400		Received by: (Signature) <i>Alexa Michaels</i>				Date 7/11/24		Time 1030		T1 T2 T3																	
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																		Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA															
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																																	



Envirotech Analytical Laboratory

Printed: 7/11/2024 3:04:45PM

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:	07/11/24 10:30	Work Order ID:	E407069
Phone:	(575) 748-0176	Date Logged In:	07/10/24 16:38	Logged In By:	Alexa Michaels
Email:	anna@ensolum.com	Due Date:	07/17/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: Courier**Comments/Resolution****Sample Turn Around Time (TAT)**

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

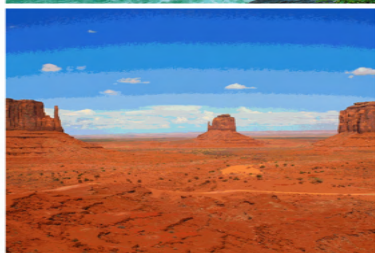
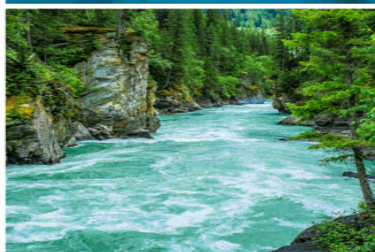
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Anna Byers



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: FLAGLER 8 CTB 1

Work Order: E407068

Job Number: 01058-0007

Received: 7/11/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/16/24

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 7/16/24



Anna Byers
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: FLAGLER 8 CTB 1
Workorder: E407068
Date Received: 7/11/2024 10:30:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/11/2024 10:30:00AM, under the Project Name: FLAGLER 8 CTB 1.

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

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

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

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

Respectfully,

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

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Sample Summary

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	07/16/24 12:37

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH10 0.5'	E407068-01A	Soil	07/09/24	07/11/24	Glass Jar, 2 oz.
BH10 4'	E407068-02A	Soil	07/09/24	07/11/24	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported: 7/16/2024 12:37:59PM
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	

BH10 0.5'

E407068-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2428075	
Benzene	ND	0.0250	1	07/11/24	07/12/24	
Ethylbenzene	ND	0.0250	1	07/11/24	07/12/24	
Toluene	ND	0.0250	1	07/11/24	07/12/24	
o-Xylene	ND	0.0250	1	07/11/24	07/12/24	
p,m-Xylene	ND	0.0500	1	07/11/24	07/12/24	
Total Xylenes	ND	0.0250	1	07/11/24	07/12/24	
Surrogate: 4-Bromochlorobenzene-PID	90.0 %	70-130		07/11/24	07/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2428075	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/11/24	07/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	109 %	70-130		07/11/24	07/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2428080	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/11/24	07/11/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/11/24	07/11/24	
Surrogate: n-Nonane	116 %	50-200		07/11/24	07/11/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2428083	
Chloride	412	20.0	1	07/11/24	07/11/24	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: FLAGLER 8 CTB 1 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 7/16/2024 12:37:59PM
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BH10 4'

E407068-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2428075	
Benzene	ND	0.0250	1	07/11/24	07/12/24	
Ethylbenzene	ND	0.0250	1	07/11/24	07/12/24	
Toluene	ND	0.0250	1	07/11/24	07/12/24	
o-Xylene	ND	0.0250	1	07/11/24	07/12/24	
p,m-Xylene	ND	0.0500	1	07/11/24	07/12/24	
Total Xylenes	ND	0.0250	1	07/11/24	07/12/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.0 %	70-130		07/11/24	07/12/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2428075	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/11/24	07/12/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	109 %	70-130		07/11/24	07/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2428080	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/11/24	07/11/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/11/24	07/11/24	
<i>Surrogate: n-Nonane</i>						
	110 %	50-200		07/11/24	07/11/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2428083	
Chloride	430	20.0	1	07/11/24	07/11/24	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	7/16/2024 12:37:59PM

Volatile Organics by EPA 8021B

Analyst: BA

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

Blank (2428075-BLK1) Prepared: 07/11/24 Analyzed: 07/12/24

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: 4-Bromochlorobenzene-PID	7.09		8.00		88.6	70-130			

LCS (2428075-BS1) Prepared: 07/11/24 Analyzed: 07/16/24

Benzene	4.78	0.0250	5.00		95.5	70-130			
Ethylbenzene	4.46	0.0250	5.00		89.3	70-130			
Toluene	4.70	0.0250	5.00		94.0	70-130			
o-Xylene	4.59	0.0250	5.00		91.7	70-130			
p,m-Xylene	9.19	0.0500	10.0		91.9	70-130			
Total Xylenes	13.8	0.0250	15.0		91.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.53		8.00		94.1	70-130			

Matrix Spike (2428075-MS1) Source: E407071-01 Prepared: 07/11/24 Analyzed: 07/16/24

Benzene	4.92	0.0250	5.00	ND	98.4	54-133			
Ethylbenzene	4.60	0.0250	5.00	ND	92.0	61-133			
Toluene	4.84	0.0250	5.00	ND	96.7	61-130			
o-Xylene	4.71	0.0250	5.00	ND	94.2	63-131			
p,m-Xylene	9.48	0.0500	10.0	ND	94.8	63-131			
Total Xylenes	14.2	0.0250	15.0	ND	94.6	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.52		8.00		94.0	70-130			

Matrix Spike Dup (2428075-MSD1) Source: E407071-01 Prepared: 07/11/24 Analyzed: 07/12/24

Benzene	5.26	0.0250	5.00	ND	105	54-133	6.59	20	
Ethylbenzene	4.88	0.0250	5.00	ND	97.6	61-133	5.97	20	
Toluene	5.15	0.0250	5.00	ND	103	61-130	6.28	20	
o-Xylene	5.00	0.0250	5.00	ND	100	63-131	5.98	20	
p,m-Xylene	10.0	0.0500	10.0	ND	100	63-131	5.56	20	
Total Xylenes	15.0	0.0250	15.0	ND	100	63-131	5.70	20	
Surrogate: 4-Bromochlorobenzene-PID	7.32		8.00		91.5	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	7/16/2024 12:37:59PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2428075-BLK1) Prepared: 07/11/24 Analyzed: 07/12/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.62		8.00		108	70-130			

LCS (2428075-BS2) Prepared: 07/11/24 Analyzed: 07/12/24

Gasoline Range Organics (C6-C10)	46.7	20.0	50.0		93.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.81		8.00		110	70-130			

Matrix Spike (2428075-MS2) Source: E407071-01 Prepared: 07/11/24 Analyzed: 07/16/24

Gasoline Range Organics (C6-C10)	52.4	20.0	50.0	ND	105	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.68		8.00		108	70-130			

Matrix Spike Dup (2428075-MSD2) Source: E407071-01 Prepared: 07/11/24 Analyzed: 07/12/24

Gasoline Range Organics (C6-C10)	52.5	20.0	50.0	ND	105	70-130	0.208	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.87		8.00		111	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	7/16/2024 12:37:59PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2428080-BLK1)					Prepared: 07/11/24 Analyzed: 07/11/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	54.9		50.0		110	50-200			

LCS (2428080-BS1)					Prepared: 07/11/24 Analyzed: 07/11/24				
Diesel Range Organics (C10-C28)	300	25.0	250		120	38-132			
Surrogate: n-Nonane	61.8		50.0		124	50-200			

Matrix Spike (2428080-MS1)					Source: E407068-02		Prepared: 07/11/24 Analyzed: 07/11/24		
Diesel Range Organics (C10-C28)	297	25.0	250	ND	119	38-132			
Surrogate: n-Nonane	61.5		50.0		123	50-200			

Matrix Spike Dup (2428080-MSD1)					Source: E407068-02		Prepared: 07/11/24 Analyzed: 07/11/24		
Diesel Range Organics (C10-C28)	289	25.0	250	ND	116	38-132	2.66	20	
Surrogate: n-Nonane	59.6		50.0		119	50-200			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	7/16/2024 12:37:59PM

Anions by EPA 300.0/9056A

Analyst: JM

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

Blank (2428083-BLK1)					Prepared: 07/11/24 Analyzed: 07/11/24				
Chloride	ND	20.0							
LCS (2428083-BS1)					Prepared: 07/11/24 Analyzed: 07/11/24				
Chloride	250	20.0	250		100	90-110			
Matrix Spike (2428083-MS1)					Source: E407066-02		Prepared: 07/11/24 Analyzed: 07/11/24		
Chloride	542	20.0	250	300	97.1	80-120			
Matrix Spike Dup (2428083-MSD1)					Source: E407066-02		Prepared: 07/11/24 Analyzed: 07/11/24		
Chloride	545	20.0	250	300	98.2	80-120	0.510	20	

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



Definitions and Notes

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	07/16/24 12:37

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



Page 1 of 1

envirotech

Envirotech Analytical Laboratory

Printed: 7/11/2024 3:04:38PM

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:	07/11/24 10:30	Work Order ID:	E407068
Phone:	(575) 748-0176	Date Logged In:	07/10/24 16:24	Logged In By:	Alexa Michaels
Email:	anna@ensolum.com	Due Date:	07/17/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: Courier**Comments/Resolution****Sample Turn Around Time (TAT)**

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

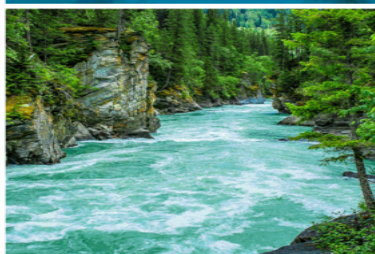
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Anna Byers



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: FLAGLER 8 CTB 1

Work Order: E407067

Job Number: 01058-0007

Received: 7/11/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/16/24

5796 U.S. Hwy 64
Farmington, NM 87401

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



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
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Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 7/16/24



Anna Byers
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: FLAGLER 8 CTB 1
Workorder: E407067
Date Received: 7/11/2024 10:30:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/11/2024 10:30:00AM, under the Project Name: FLAGLER 8 CTB 1.

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

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

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

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

Respectfully,

Walter Hinchman
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Sample Summary

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	07/16/24 12:36

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH11 0.5'	E407067-01A	Soil	07/09/24	07/11/24	Glass Jar, 2 oz.
BH11 4'	E407067-02A	Soil	07/09/24	07/11/24	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported: 7/16/2024 12:36:50PM
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	

BH11 0.5'

E407067-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2428075	
Benzene	ND	0.0250	1	07/11/24	07/12/24	
Ethylbenzene	ND	0.0250	1	07/11/24	07/12/24	
Toluene	ND	0.0250	1	07/11/24	07/12/24	
o-Xylene	ND	0.0250	1	07/11/24	07/12/24	
p,m-Xylene	ND	0.0500	1	07/11/24	07/12/24	
Total Xylenes	ND	0.0250	1	07/11/24	07/12/24	
Surrogate: 4-Bromochlorobenzene-PID	90.5 %	70-130		07/11/24	07/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2428075	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/11/24	07/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	110 %	70-130		07/11/24	07/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2428080	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/11/24	07/11/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/11/24	07/11/24	
Surrogate: n-Nonane	120 %	50-200		07/11/24	07/11/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2428083	
Chloride	484	20.0	1	07/11/24	07/11/24	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: FLAGLER 8 CTB 1 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 7/16/2024 12:36:50PM
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BH11 4'

E407067-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2428075	
Benzene	ND	0.0250	1	07/11/24	07/12/24	
Ethylbenzene	ND	0.0250	1	07/11/24	07/12/24	
Toluene	ND	0.0250	1	07/11/24	07/12/24	
o-Xylene	ND	0.0250	1	07/11/24	07/12/24	
p,m-Xylene	ND	0.0500	1	07/11/24	07/12/24	
Total Xylenes	ND	0.0250	1	07/11/24	07/12/24	
Surrogate: 4-Bromochlorobenzene-PID	90.0 %	70-130		07/11/24	07/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2428075	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/11/24	07/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	109 %	70-130		07/11/24	07/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2428080	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/11/24	07/11/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/11/24	07/11/24	
Surrogate: n-Nonane	122 %	50-200		07/11/24	07/11/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2428083	
Chloride	233	20.0	1	07/11/24	07/11/24	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	7/16/2024 12:36:50PM

Volatile Organics by EPA 8021B

Analyst: BA

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

Blank (2428075-BLK1) Prepared: 07/11/24 Analyzed: 07/12/24

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: 4-Bromochlorobenzene-PID	7.09		8.00		88.6	70-130			

LCS (2428075-BS1) Prepared: 07/11/24 Analyzed: 07/16/24

Benzene	4.78	0.0250	5.00		95.5	70-130			
Ethylbenzene	4.46	0.0250	5.00		89.3	70-130			
Toluene	4.70	0.0250	5.00		94.0	70-130			
o-Xylene	4.59	0.0250	5.00		91.7	70-130			
p,m-Xylene	9.19	0.0500	10.0		91.9	70-130			
Total Xylenes	13.8	0.0250	15.0		91.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.53		8.00		94.1	70-130			

Matrix Spike (2428075-MS1) Source: E407071-01 Prepared: 07/11/24 Analyzed: 07/16/24

Benzene	4.92	0.0250	5.00	ND	98.4	54-133			
Ethylbenzene	4.60	0.0250	5.00	ND	92.0	61-133			
Toluene	4.84	0.0250	5.00	ND	96.7	61-130			
o-Xylene	4.71	0.0250	5.00	ND	94.2	63-131			
p,m-Xylene	9.48	0.0500	10.0	ND	94.8	63-131			
Total Xylenes	14.2	0.0250	15.0	ND	94.6	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.52		8.00		94.0	70-130			

Matrix Spike Dup (2428075-MSD1) Source: E407071-01 Prepared: 07/11/24 Analyzed: 07/12/24

Benzene	5.26	0.0250	5.00	ND	105	54-133	6.59	20	
Ethylbenzene	4.88	0.0250	5.00	ND	97.6	61-133	5.97	20	
Toluene	5.15	0.0250	5.00	ND	103	61-130	6.28	20	
o-Xylene	5.00	0.0250	5.00	ND	100	63-131	5.98	20	
p,m-Xylene	10.0	0.0500	10.0	ND	100	63-131	5.56	20	
Total Xylenes	15.0	0.0250	15.0	ND	100	63-131	5.70	20	
Surrogate: 4-Bromochlorobenzene-PID	7.32		8.00		91.5	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	7/16/2024 12:36:50PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2428075-BLK1) Prepared: 07/11/24 Analyzed: 07/12/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.62		8.00		108	70-130			

LCS (2428075-BS2) Prepared: 07/11/24 Analyzed: 07/12/24

Gasoline Range Organics (C6-C10)	46.7	20.0	50.0		93.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.81		8.00		110	70-130			

Matrix Spike (2428075-MS2) Source: E407071-01 Prepared: 07/11/24 Analyzed: 07/16/24

Gasoline Range Organics (C6-C10)	52.4	20.0	50.0	ND	105	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.68		8.00		108	70-130			

Matrix Spike Dup (2428075-MSD2) Source: E407071-01 Prepared: 07/11/24 Analyzed: 07/12/24

Gasoline Range Organics (C6-C10)	52.5	20.0	50.0	ND	105	70-130	0.208	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.87		8.00		111	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	7/16/2024 12:36:50PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2428080-BLK1)					Prepared: 07/11/24 Analyzed: 07/11/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	54.9		50.0		110	50-200			

LCS (2428080-BS1)					Prepared: 07/11/24 Analyzed: 07/11/24				
Diesel Range Organics (C10-C28)	300	25.0	250		120	38-132			
Surrogate: n-Nonane	61.8		50.0		124	50-200			

Matrix Spike (2428080-MS1)					Source: E407068-02		Prepared: 07/11/24 Analyzed: 07/11/24		
Diesel Range Organics (C10-C28)	297	25.0	250	ND	119	38-132			
Surrogate: n-Nonane	61.5		50.0		123	50-200			

Matrix Spike Dup (2428080-MSD1)					Source: E407068-02		Prepared: 07/11/24 Analyzed: 07/11/24		
Diesel Range Organics (C10-C28)	289	25.0	250	ND	116	38-132	2.66	20	
Surrogate: n-Nonane	59.6		50.0		119	50-200			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	7/16/2024 12:36:50PM

Anions by EPA 300.0/9056A

Analyst: JM

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

Blank (2428083-BLK1)					Prepared: 07/11/24 Analyzed: 07/11/24				
Chloride	ND	20.0							
LCS (2428083-BS1)					Prepared: 07/11/24 Analyzed: 07/11/24				
Chloride	250	20.0	250		100	90-110			
Matrix Spike (2428083-MS1)					Source: E407066-02		Prepared: 07/11/24 Analyzed: 07/11/24		
Chloride	542	20.0	250	300	97.1	80-120			
Matrix Spike Dup (2428083-MSD1)					Source: E407066-02		Prepared: 07/11/24 Analyzed: 07/11/24		
Chloride	545	20.0	250	300	98.2	80-120	0.510	20	

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



Definitions and Notes

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	07/16/24 12:36

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

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

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





Envirotech Analytical Laboratory

Printed: 7/11/2024 3:04:30PM

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:	07/11/24 10:30	Work Order ID:	E407067
Phone:	(575) 748-0176	Date Logged In:	07/10/24 16:22	Logged In By:	Alexa Michaels
Email:	anna@ensolum.com	Due Date:	07/17/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Anna Byers



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: FLAGLER 8 CTB 1

Work Order: E407066

Job Number: 01058-0007

Received: 7/11/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/16/24

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 7/16/24



Anna Byers
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: FLAGLER 8 CTB 1
Workorder: E407066
Date Received: 7/11/2024 10:30:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/11/2024 10:30:00AM, under the Project Name: FLAGLER 8 CTB 1.

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

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

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

Respectfully,

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QC - Anions by EPA 300.0/9056A	10
Definitions and Notes	11
Chain of Custody etc.	12

Sample Summary

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	07/16/24 12:34

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH12 0.5'	E407066-01A	Soil	07/09/24	07/11/24	Glass Jar, 2 oz.
BH12 4'	E407066-02A	Soil	07/09/24	07/11/24	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported: 7/16/2024 12:34:41PM
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	

BH12 0.5'

E407066-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2428075	
Benzene	ND	0.0250	1	07/11/24	07/12/24	
Ethylbenzene	ND	0.0250	1	07/11/24	07/12/24	
Toluene	ND	0.0250	1	07/11/24	07/12/24	
o-Xylene	ND	0.0250	1	07/11/24	07/12/24	
p,m-Xylene	ND	0.0500	1	07/11/24	07/12/24	
Total Xylenes	ND	0.0250	1	07/11/24	07/12/24	
Surrogate: 4-Bromochlorobenzene-PID	90.6 %	70-130		07/11/24	07/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2428075	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/11/24	07/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	109 %	70-130		07/11/24	07/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2428080	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/11/24	07/11/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/11/24	07/11/24	
Surrogate: n-Nonane	121 %	50-200		07/11/24	07/11/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2428083	
Chloride	211	20.0	1	07/11/24	07/11/24	



Sample Data

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

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

Reported:
7/16/2024 12:34:41PM

BH12 4'

E407066-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2428075	
Benzene	ND	0.0250	1	07/11/24	07/12/24	
Ethylbenzene	ND	0.0250	1	07/11/24	07/12/24	
Toluene	ND	0.0250	1	07/11/24	07/12/24	
o-Xylene	ND	0.0250	1	07/11/24	07/12/24	
p,m-Xylene	ND	0.0500	1	07/11/24	07/12/24	
Total Xylenes	ND	0.0250	1	07/11/24	07/12/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	90.9 %	70-130		07/11/24	07/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2428075	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/11/24	07/12/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	109 %	70-130		07/11/24	07/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2428080	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/11/24	07/11/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/11/24	07/11/24	
<i>Surrogate: n-Nonane</i>	121 %	50-200		07/11/24	07/11/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2428083	
Chloride	300	20.0	1	07/11/24	07/11/24	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	7/16/2024 12:34:41PM

Volatile Organics by EPA 8021B

Analyst: BA

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

Blank (2428075-BLK1) Prepared: 07/11/24 Analyzed: 07/12/24

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: 4-Bromochlorobenzene-PID	7.09		8.00		88.6	70-130			

LCS (2428075-BS1) Prepared: 07/11/24 Analyzed: 07/16/24

Benzene	4.78	0.0250	5.00		95.5	70-130			
Ethylbenzene	4.46	0.0250	5.00		89.3	70-130			
Toluene	4.70	0.0250	5.00		94.0	70-130			
o-Xylene	4.59	0.0250	5.00		91.7	70-130			
p,m-Xylene	9.19	0.0500	10.0		91.9	70-130			
Total Xylenes	13.8	0.0250	15.0		91.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.53		8.00		94.1	70-130			

Matrix Spike (2428075-MS1) Source: E407071-01 Prepared: 07/11/24 Analyzed: 07/16/24

Benzene	4.92	0.0250	5.00	ND	98.4	54-133			
Ethylbenzene	4.60	0.0250	5.00	ND	92.0	61-133			
Toluene	4.84	0.0250	5.00	ND	96.7	61-130			
o-Xylene	4.71	0.0250	5.00	ND	94.2	63-131			
p,m-Xylene	9.48	0.0500	10.0	ND	94.8	63-131			
Total Xylenes	14.2	0.0250	15.0	ND	94.6	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.52		8.00		94.0	70-130			

Matrix Spike Dup (2428075-MSD1) Source: E407071-01 Prepared: 07/11/24 Analyzed: 07/12/24

Benzene	5.26	0.0250	5.00	ND	105	54-133	6.59	20	
Ethylbenzene	4.88	0.0250	5.00	ND	97.6	61-133	5.97	20	
Toluene	5.15	0.0250	5.00	ND	103	61-130	6.28	20	
o-Xylene	5.00	0.0250	5.00	ND	100	63-131	5.98	20	
p,m-Xylene	10.0	0.0500	10.0	ND	100	63-131	5.56	20	
Total Xylenes	15.0	0.0250	15.0	ND	100	63-131	5.70	20	
Surrogate: 4-Bromochlorobenzene-PID	7.32		8.00		91.5	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	7/16/2024 12:34:41PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2428075-BLK1) Prepared: 07/11/24 Analyzed: 07/12/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.62		8.00		108	70-130			

LCS (2428075-BS2) Prepared: 07/11/24 Analyzed: 07/12/24

Gasoline Range Organics (C6-C10)	46.7	20.0	50.0		93.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.81		8.00		110	70-130			

Matrix Spike (2428075-MS2) Source: E407071-01 Prepared: 07/11/24 Analyzed: 07/16/24

Gasoline Range Organics (C6-C10)	52.4	20.0	50.0	ND	105	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.68		8.00		108	70-130			

Matrix Spike Dup (2428075-MSD2) Source: E407071-01 Prepared: 07/11/24 Analyzed: 07/12/24

Gasoline Range Organics (C6-C10)	52.5	20.0	50.0	ND	105	70-130	0.208	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.87		8.00		111	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	7/16/2024 12:34:41PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2428080-BLK1)					Prepared: 07/11/24 Analyzed: 07/11/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	54.9		50.0		110	50-200			

LCS (2428080-BS1)					Prepared: 07/11/24 Analyzed: 07/11/24				
Diesel Range Organics (C10-C28)	300	25.0	250		120	38-132			
Surrogate: n-Nonane	61.8		50.0		124	50-200			

Matrix Spike (2428080-MS1)					Source: E407068-02		Prepared: 07/11/24 Analyzed: 07/11/24		
Diesel Range Organics (C10-C28)	297	25.0	250	ND	119	38-132			
Surrogate: n-Nonane	61.5		50.0		123	50-200			

Matrix Spike Dup (2428080-MSD1)					Source: E407068-02		Prepared: 07/11/24 Analyzed: 07/11/24		
Diesel Range Organics (C10-C28)	289	25.0	250	ND	116	38-132	2.66	20	
Surrogate: n-Nonane	59.6		50.0		119	50-200			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	7/16/2024 12:34:41PM

Anions by EPA 300.0/9056A

Analyst: JM

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

Blank (2428083-BLK1)					Prepared: 07/11/24 Analyzed: 07/11/24				
Chloride	ND	20.0							
LCS (2428083-BS1)					Prepared: 07/11/24 Analyzed: 07/11/24				
Chloride	250	20.0	250		100	90-110			
Matrix Spike (2428083-MS1)					Source: E407066-02		Prepared: 07/11/24 Analyzed: 07/11/24		
Chloride	542	20.0	250	300	97.1	80-120			
Matrix Spike Dup (2428083-MSD1)					Source: E407066-02		Prepared: 07/11/24 Analyzed: 07/11/24		
Chloride	545	20.0	250	300	98.2	80-120	0.510	20	

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



Definitions and Notes

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	07/16/24 12:34

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

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

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

[illegible]

Envirotech Analytical Laboratory

Printed: 7/11/2024 3:04:11PM

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:	07/11/24 10:30	Work Order ID:	E407066
Phone:	(575) 748-0176	Date Logged In:	07/10/24 16:12	Logged In By:	Alexa Michaels
Email:	anna@ensolum.com	Due Date:	07/17/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Anna Byers



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: FLAGLER 8 CTB 1

Work Order: E407064

Job Number: 01058-0007

Received: 7/11/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/16/24

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 7/16/24



Anna Byers
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: FLAGLER 8 CTB 1
Workorder: E407064
Date Received: 7/11/2024 10:30:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/11/2024 10:30:00AM, under the Project Name: FLAGLER 8 CTB 1.

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

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

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

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

Respectfully,

Walter Hinchman
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Cell: 775-287-1762
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Sample Summary

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	07/16/24 09:56

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH13 0.5'	E407064-01A	Soil	07/09/24	07/11/24	Glass Jar, 2 oz.
BH13 4'	E407064-02A	Soil	07/09/24	07/11/24	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported: 7/16/2024 9:56:15AM
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	

BH13 0.5'

E407064-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2428073	
Benzene	ND	0.0250	1	07/11/24	07/11/24	
Ethylbenzene	ND	0.0250	1	07/11/24	07/11/24	
Toluene	ND	0.0250	1	07/11/24	07/11/24	
o-Xylene	ND	0.0250	1	07/11/24	07/11/24	
p,m-Xylene	ND	0.0500	1	07/11/24	07/11/24	
Total Xylenes	ND	0.0250	1	07/11/24	07/11/24	
Surrogate: 4-Bromochlorobenzene-PID	87.4 %	70-130		07/11/24	07/11/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2428073	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/11/24	07/11/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	98.1 %	70-130		07/11/24	07/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2428077	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/11/24	07/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/11/24	07/12/24	
Surrogate: n-Nonane	122 %	50-200		07/11/24	07/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2428078	
Chloride	258	20.0	1	07/11/24	07/11/24	



Sample Data

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

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

Reported:
7/16/2024 9:56:15AM

BH13 4'

E407064-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2428073	
Benzene	ND	0.0250	1	07/11/24	07/11/24	
Ethylbenzene	ND	0.0250	1	07/11/24	07/11/24	
Toluene	ND	0.0250	1	07/11/24	07/11/24	
o-Xylene	ND	0.0250	1	07/11/24	07/11/24	
p,m-Xylene	ND	0.0500	1	07/11/24	07/11/24	
Total Xylenes	ND	0.0250	1	07/11/24	07/11/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	87.6 %	70-130		07/11/24	07/11/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2428073	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/11/24	07/11/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	98.1 %	70-130		07/11/24	07/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2428077	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/11/24	07/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/11/24	07/12/24	
<i>Surrogate: n-Nonane</i>	125 %	50-200		07/11/24	07/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2428078	
Chloride	292	20.0	1	07/11/24	07/11/24	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	7/16/2024 9:56:15AM

Volatile Organics by EPA 8021B

Analyst: IY

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

Blank (2428073-BLK1) Prepared: 07/11/24 Analyzed: 07/11/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.97		8.00		87.1	70-130			

LCS (2428073-BS1) Prepared: 07/11/24 Analyzed: 07/11/24

Benzene	4.86	0.0250	5.00		97.1	70-130			
Ethylbenzene	4.69	0.0250	5.00		93.8	70-130			
Toluene	4.79	0.0250	5.00		95.9	70-130			
o-Xylene	4.65	0.0250	5.00		93.0	70-130			
p,m-Xylene	9.53	0.0500	10.0		95.3	70-130			
Total Xylenes	14.2	0.0250	15.0		94.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.20		8.00		90.0	70-130			

Matrix Spike (2428073-MS1) Source: E407062-05 Prepared: 07/11/24 Analyzed: 07/11/24

Benzene	5.11	0.0250	5.00	ND	102	54-133			
Ethylbenzene	4.93	0.0250	5.00	ND	98.7	61-133			
Toluene	5.04	0.0250	5.00	ND	101	61-130			
o-Xylene	4.91	0.0250	5.00	ND	98.3	63-131			
p,m-Xylene	10.0	0.0500	10.0	ND	100	63-131			
Total Xylenes	14.9	0.0250	15.0	ND	99.6	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.18		8.00		89.8	70-130			

Matrix Spike Dup (2428073-MSD1) Source: E407062-05 Prepared: 07/11/24 Analyzed: 07/11/24

Benzene	4.72	0.0250	5.00	ND	94.3	54-133	8.04	20	
Ethylbenzene	4.57	0.0250	5.00	ND	91.3	61-133	7.76	20	
Toluene	4.66	0.0250	5.00	ND	93.2	61-130	7.90	20	
o-Xylene	4.54	0.0250	5.00	ND	90.8	63-131	7.87	20	
p,m-Xylene	9.30	0.0500	10.0	ND	93.0	63-131	7.53	20	
Total Xylenes	13.8	0.0250	15.0	ND	92.3	63-131	7.64	20	
Surrogate: 4-Bromochlorobenzene-PID	7.18		8.00		89.8	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	7/16/2024 9:56:15AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2428073-BLK1) Prepared: 07/11/24 Analyzed: 07/11/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.83		8.00		97.9	70-130			

LCS (2428073-BS2) Prepared: 07/11/24 Analyzed: 07/11/24

Gasoline Range Organics (C6-C10)	51.7	20.0	50.0		103	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.90		8.00		98.7	70-130			

Matrix Spike (2428073-MS2) Source: E407062-05 Prepared: 07/11/24 Analyzed: 07/11/24

Gasoline Range Organics (C6-C10)	49.7	20.0	50.0	ND	99.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.81		8.00		97.6	70-130			

Matrix Spike Dup (2428073-MSD2) Source: E407062-05 Prepared: 07/11/24 Analyzed: 07/11/24

Gasoline Range Organics (C6-C10)	49.9	20.0	50.0	ND	99.7	70-130	0.404	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.92		8.00		99.0	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	7/16/2024 9:56:15AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2428077-BLK1)					Prepared: 07/11/24 Analyzed: 07/11/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	64.5		50.0		129	50-200			

LCS (2428077-BS1)					Prepared: 07/11/24 Analyzed: 07/11/24				
Diesel Range Organics (C10-C28)	302	25.0	250		121	38-132			
Surrogate: n-Nonane	61.3		50.0		123	50-200			

Matrix Spike (2428077-MS1)					Source: E407062-04		Prepared: 07/11/24 Analyzed: 07/11/24		
Diesel Range Organics (C10-C28)	306	25.0	250	ND	123	38-132			
Surrogate: n-Nonane	63.6		50.0		127	50-200			

Matrix Spike Dup (2428077-MSD1)					Source: E407062-04		Prepared: 07/11/24 Analyzed: 07/11/24		
Diesel Range Organics (C10-C28)	315	25.0	250	ND	126	38-132	2.84	20	
Surrogate: n-Nonane	63.3		50.0		127	50-200			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	7/16/2024 9:56:15AM

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (2428078-BLK1)					Prepared: 07/11/24 Analyzed: 07/11/24				
Chloride	ND	20.0							
LCS (2428078-BS1)					Prepared: 07/11/24 Analyzed: 07/11/24				
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2428078-MS1)					Source: E407061-01		Prepared: 07/11/24 Analyzed: 07/11/24		
Chloride	320	20.0	250	61.9	103	80-120			
Matrix Spike Dup (2428078-MSD1)					Source: E407061-01		Prepared: 07/11/24 Analyzed: 07/11/24		
Chloride	319	20.0	250	61.9	103	80-120	0.264	20	

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



Definitions and Notes

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	07/16/24 09:56

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

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

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

[illegible]

envirotech

Envirotech Analytical Laboratory

Printed: 7/11/2024 3:03:53PM

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:	07/11/24 10:30	Work Order ID:	E407064
Phone:	(575) 748-0176	Date Logged In:	07/10/24 16:04	Logged In By:	Alexa Michaels
Email:	anna@ensolum.com	Due Date:	07/17/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Anna Byers



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: FLAGLER 8 CTB 1

Work Order: E407088

Job Number: 01058-0007

Received: 7/12/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/16/24

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 7/16/24



Anna Byers
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: FLAGLER 8 CTB 1
Workorder: E407088
Date Received: 7/12/2024 8:30:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/12/2024 8:30:00AM, under the Project Name: FLAGLER 8 CTB 1.

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

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

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

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

Respectfully,

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

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Sample Summary

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	07/16/24 12:53

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH14 0.5'	E407088-01A	Soil	07/10/24	07/12/24	Glass Jar, 2 oz.
BH14 4'	E407088-02A	Soil	07/10/24	07/12/24	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported: 7/16/2024 12:53:01PM
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	

BH14 0.5'

E407088-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2428095	
Benzene	ND	0.0250	1	07/12/24	07/15/24	
Ethylbenzene	ND	0.0250	1	07/12/24	07/15/24	
Toluene	ND	0.0250	1	07/12/24	07/15/24	
o-Xylene	ND	0.0250	1	07/12/24	07/15/24	
p,m-Xylene	ND	0.0500	1	07/12/24	07/15/24	
Total Xylenes	ND	0.0250	1	07/12/24	07/15/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.1 %	70-130	07/12/24	07/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2428095	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/12/24	07/15/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		106 %	70-130	07/12/24	07/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2428097	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/12/24	07/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/12/24	07/13/24	
<i>Surrogate: n-Nonane</i>		76.9 %	50-200	07/12/24	07/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF		Batch: 2428096	
Chloride	114	20.0	1	07/12/24	07/12/24	



Sample Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported: 7/16/2024 12:53:01PM
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	

BH14 4'

E407088-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2428095	
Benzene	ND	0.0250	1	07/12/24	07/15/24	
Ethylbenzene	ND	0.0250	1	07/12/24	07/15/24	
Toluene	ND	0.0250	1	07/12/24	07/15/24	
o-Xylene	ND	0.0250	1	07/12/24	07/15/24	
p,m-Xylene	ND	0.0500	1	07/12/24	07/15/24	
Total Xylenes	ND	0.0250	1	07/12/24	07/15/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.5 %	70-130		07/12/24	07/15/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2428095	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/12/24	07/15/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	107 %	70-130		07/12/24	07/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2428097	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/12/24	07/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/12/24	07/13/24	
<i>Surrogate: n-Nonane</i>						
	90.5 %	50-200		07/12/24	07/13/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: WF		Batch: 2428096	
Chloride	149	20.0	1	07/12/24	07/12/24	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	7/16/2024 12:53:01PM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2428095-BLK1) Prepared: 07/12/24 Analyzed: 07/15/24

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	7.27		8.00		90.9	70-130			

LCS (2428095-BS1) Prepared: 07/12/24 Analyzed: 07/15/24

Benzene	5.37	0.0250	5.00		107	70-130			
Ethylbenzene	5.03	0.0250	5.00		101	70-130			
Toluene	5.28	0.0250	5.00		106	70-130			
o-Xylene	5.13	0.0250	5.00		103	70-130			
p,m-Xylene	10.4	0.0500	10.0		104	70-130			
Total Xylenes	15.5	0.0250	15.0		103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.35		8.00		91.8	70-130			

Matrix Spike (2428095-MS1) Source: E407085-02 Prepared: 07/12/24 Analyzed: 07/15/24

Benzene	5.32	0.0250	5.00	ND	106	54-133			
Ethylbenzene	4.98	0.0250	5.00	ND	99.6	61-133			
Toluene	5.23	0.0250	5.00	ND	105	61-130			
o-Xylene	5.07	0.0250	5.00	ND	101	63-131			
p,m-Xylene	10.3	0.0500	10.0	ND	103	63-131			
Total Xylenes	15.3	0.0250	15.0	ND	102	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.24		8.00		90.5	70-130			

Matrix Spike Dup (2428095-MSD1) Source: E407085-02 Prepared: 07/12/24 Analyzed: 07/15/24

Benzene	5.04	0.0250	5.00	ND	101	54-133	5.57	20	
Ethylbenzene	4.72	0.0250	5.00	ND	94.3	61-133	5.46	20	
Toluene	4.95	0.0250	5.00	ND	99.0	61-130	5.62	20	
o-Xylene	4.80	0.0250	5.00	ND	95.9	63-131	5.48	20	
p,m-Xylene	9.71	0.0500	10.0	ND	97.1	63-131	5.39	20	
Total Xylenes	14.5	0.0250	15.0	ND	96.7	63-131	5.42	20	
Surrogate: 4-Bromochlorobenzene-PID	7.27		8.00		90.9	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	7/16/2024 12:53:01PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2428095-BLK1) Prepared: 07/12/24 Analyzed: 07/15/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.62		8.00		108	70-130			

LCS (2428095-BS2) Prepared: 07/12/24 Analyzed: 07/15/24

Gasoline Range Organics (C6-C10)	57.6	20.0	50.0		115	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.72		8.00		109	70-130			

Matrix Spike (2428095-MS2) Source: E407085-02 Prepared: 07/12/24 Analyzed: 07/15/24

Gasoline Range Organics (C6-C10)	58.4	20.0	50.0	ND	117	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.71		8.00		109	70-130			

Matrix Spike Dup (2428095-MSD2) Source: E407085-02 Prepared: 07/12/24 Analyzed: 07/15/24

Gasoline Range Organics (C6-C10)	54.8	20.0	50.0	ND	110	70-130	6.28	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.73		8.00		109	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	7/16/2024 12:53:01PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2428097-BLK1)					Prepared: 07/12/24 Analyzed: 07/12/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	41.3		50.0		82.7	50-200			

LCS (2428097-BS1)					Prepared: 07/12/24 Analyzed: 07/15/24				
Diesel Range Organics (C10-C28)	263	25.0	250		105	38-132			
Surrogate: n-Nonane	55.0		50.0		110	50-200			

Matrix Spike (2428097-MS1)					Source: E407085-05		Prepared: 07/12/24 Analyzed: 07/15/24		
Diesel Range Organics (C10-C28)	264	25.0	250	ND	106	38-132			
Surrogate: n-Nonane	46.1		50.0		92.2	50-200			

Matrix Spike Dup (2428097-MSD1)					Source: E407085-05		Prepared: 07/12/24 Analyzed: 07/15/24		
Diesel Range Organics (C10-C28)	264	25.0	250	ND	106	38-132	0.0264	20	
Surrogate: n-Nonane	46.9		50.0		93.8	50-200			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	7/16/2024 12:53:01PM

Anions by EPA 300.0/9056A

Analyst: WF

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

Blank (2428096-BLK1)					Prepared: 07/12/24 Analyzed: 07/12/24				
Chloride	ND	20.0							
LCS (2428096-BS1)					Prepared: 07/12/24 Analyzed: 07/12/24				
Chloride	257	20.0	250		103	90-110			
Matrix Spike (2428096-MS1)					Source: E407085-03		Prepared: 07/12/24 Analyzed: 07/12/24		
Chloride	1630	200	250	1210	168	80-120			M4
Matrix Spike Dup (2428096-MSD1)					Source: E407085-03		Prepared: 07/12/24 Analyzed: 07/12/24		
Chloride	1540	200	250	1210	131	80-120	5.78	20	M4

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



Definitions and Notes

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	07/16/24 12:53

- 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.





Envirotech Analytical Laboratory

Printed: 7/12/2024 11:50:06AM

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:	07/12/24 08:30	Work Order ID:	E407088
Phone:	(575) 748-0176	Date Logged In:	07/12/24 11:46	Logged In By:	Noe Soto
Email:	anna@ensolum.com	Due Date:	07/18/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

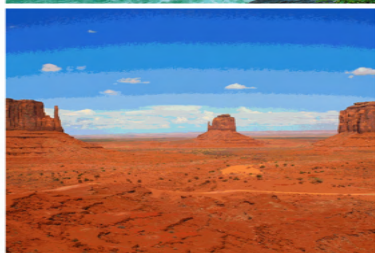
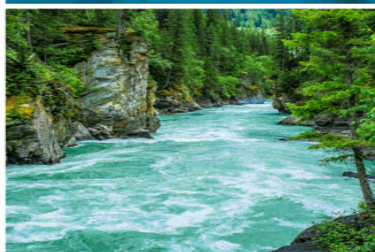
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Anna Byers



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: FLAGLER 8 CTB 1

Work Order: E407089

Job Number: 01058-0007

Received: 7/12/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/16/24

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 7/16/24



Anna Byers
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: FLAGLER 8 CTB 1
Workorder: E407089
Date Received: 7/12/2024 8:30:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/12/2024 8:30:00AM, under the Project Name: FLAGLER 8 CTB 1.

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

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

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

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

Respectfully,

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

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Sample Summary

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	07/16/24 12:53

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH15 0.5'	E407089-01A	Soil	07/10/24	07/12/24	Glass Jar, 2 oz.
BH15 4'	E407089-02A	Soil	07/10/24	07/12/24	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported: 7/16/2024 12:53:54PM
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	

BH15 0.5'

E407089-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2428095	
Benzene	ND	0.0250	1	07/12/24	07/15/24	
Ethylbenzene	ND	0.0250	1	07/12/24	07/15/24	
Toluene	ND	0.0250	1	07/12/24	07/15/24	
o-Xylene	ND	0.0250	1	07/12/24	07/15/24	
p,m-Xylene	ND	0.0500	1	07/12/24	07/15/24	
Total Xylenes	ND	0.0250	1	07/12/24	07/15/24	
Surrogate: 4-Bromochlorobenzene-PID	92.1 %	70-130		07/12/24	07/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2428095	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/12/24	07/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	105 %	70-130		07/12/24	07/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2428097	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/12/24	07/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/12/24	07/13/24	
Surrogate: n-Nonane	88.8 %	50-200		07/12/24	07/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF		Batch: 2428096	
Chloride	ND	20.0	1	07/12/24	07/12/24	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: FLAGLER 8 CTB 1 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 7/16/2024 12:53:54PM
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BH15 4'

E407089-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2428095	
Benzene	ND	0.0250	1	07/12/24	07/15/24	
Ethylbenzene	ND	0.0250	1	07/12/24	07/15/24	
Toluene	ND	0.0250	1	07/12/24	07/15/24	
o-Xylene	ND	0.0250	1	07/12/24	07/15/24	
p,m-Xylene	ND	0.0500	1	07/12/24	07/15/24	
Total Xylenes	ND	0.0250	1	07/12/24	07/15/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.3 %	70-130		07/12/24	07/15/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2428095	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/12/24	07/15/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	106 %	70-130		07/12/24	07/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2428097	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/12/24	07/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/12/24	07/13/24	
<i>Surrogate: n-Nonane</i>						
	90.1 %	50-200		07/12/24	07/13/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: WF		Batch: 2428096	
Chloride	153	20.0	1	07/12/24	07/12/24	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	7/16/2024 12:53:54PM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2428095-BLK1) Prepared: 07/12/24 Analyzed: 07/15/24

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	7.27		8.00		90.9	70-130			

LCS (2428095-BS1) Prepared: 07/12/24 Analyzed: 07/15/24

Benzene	5.37	0.0250	5.00		107	70-130			
Ethylbenzene	5.03	0.0250	5.00		101	70-130			
Toluene	5.28	0.0250	5.00		106	70-130			
o-Xylene	5.13	0.0250	5.00		103	70-130			
p,m-Xylene	10.4	0.0500	10.0		104	70-130			
Total Xylenes	15.5	0.0250	15.0		103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.35		8.00		91.8	70-130			

Matrix Spike (2428095-MS1) Source: E407085-02 Prepared: 07/12/24 Analyzed: 07/15/24

Benzene	5.32	0.0250	5.00	ND	106	54-133			
Ethylbenzene	4.98	0.0250	5.00	ND	99.6	61-133			
Toluene	5.23	0.0250	5.00	ND	105	61-130			
o-Xylene	5.07	0.0250	5.00	ND	101	63-131			
p,m-Xylene	10.3	0.0500	10.0	ND	103	63-131			
Total Xylenes	15.3	0.0250	15.0	ND	102	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.24		8.00		90.5	70-130			

Matrix Spike Dup (2428095-MSD1) Source: E407085-02 Prepared: 07/12/24 Analyzed: 07/15/24

Benzene	5.04	0.0250	5.00	ND	101	54-133	5.57	20	
Ethylbenzene	4.72	0.0250	5.00	ND	94.3	61-133	5.46	20	
Toluene	4.95	0.0250	5.00	ND	99.0	61-130	5.62	20	
o-Xylene	4.80	0.0250	5.00	ND	95.9	63-131	5.48	20	
p,m-Xylene	9.71	0.0500	10.0	ND	97.1	63-131	5.39	20	
Total Xylenes	14.5	0.0250	15.0	ND	96.7	63-131	5.42	20	
Surrogate: 4-Bromochlorobenzene-PID	7.27		8.00		90.9	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	7/16/2024 12:53:54PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2428095-BLK1) Prepared: 07/12/24 Analyzed: 07/15/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.62		8.00		108	70-130			

LCS (2428095-BS2) Prepared: 07/12/24 Analyzed: 07/15/24

Gasoline Range Organics (C6-C10)	57.6	20.0	50.0		115	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.72		8.00		109	70-130			

Matrix Spike (2428095-MS2) Source: E407085-02 Prepared: 07/12/24 Analyzed: 07/15/24

Gasoline Range Organics (C6-C10)	58.4	20.0	50.0	ND	117	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.71		8.00		109	70-130			

Matrix Spike Dup (2428095-MSD2) Source: E407085-02 Prepared: 07/12/24 Analyzed: 07/15/24

Gasoline Range Organics (C6-C10)	54.8	20.0	50.0	ND	110	70-130	6.28	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.73		8.00		109	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	7/16/2024 12:53:54PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2428097-BLK1)					Prepared: 07/12/24 Analyzed: 07/12/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	41.3		50.0		82.7	50-200			

LCS (2428097-BS1)					Prepared: 07/12/24 Analyzed: 07/15/24				
Diesel Range Organics (C10-C28)	263	25.0	250		105	38-132			
Surrogate: n-Nonane	55.0		50.0		110	50-200			

Matrix Spike (2428097-MS1)					Source: E407085-05		Prepared: 07/12/24 Analyzed: 07/15/24		
Diesel Range Organics (C10-C28)	264	25.0	250	ND	106	38-132			
Surrogate: n-Nonane	46.1		50.0		92.2	50-200			

Matrix Spike Dup (2428097-MSD1)					Source: E407085-05		Prepared: 07/12/24 Analyzed: 07/15/24		
Diesel Range Organics (C10-C28)	264	25.0	250	ND	106	38-132	0.0264	20	
Surrogate: n-Nonane	46.9		50.0		93.8	50-200			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	7/16/2024 12:53:54PM

Anions by EPA 300.0/9056A

Analyst: WF

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

Blank (2428096-BLK1)					Prepared: 07/12/24 Analyzed: 07/12/24				
Chloride	ND	20.0							
LCS (2428096-BS1)					Prepared: 07/12/24 Analyzed: 07/12/24				
Chloride	257	20.0	250		103	90-110			
Matrix Spike (2428096-MS1)					Source: E407085-03		Prepared: 07/12/24 Analyzed: 07/12/24		
Chloride	1630	200	250	1210	168	80-120			M4
Matrix Spike Dup (2428096-MSD1)					Source: E407085-03		Prepared: 07/12/24 Analyzed: 07/12/24		
Chloride	1540	200	250	1210	131	80-120	5.78	20	M4

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



Definitions and Notes

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	07/16/24 12:53

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

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

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



Client: Devon Energy Production Co LP		Bill To		Lab Use Only		TAT		EPA Program					
Project: FLAGLER 8 CTB 1		Attention: Jim Raley		Lab WO# E407089		Job Number 01058-0007		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Anna Byers		Address: 5315 Buena Vista Dr.		City, State, Zip: Carlsbad, NM, 88220		Analysis and Method		5 day TAT					
Address: 13000 W County Rd 100		Phone: 575-885-7502		Email: jim.raley@dmn.com								RCRA	
City, State, Zip: Odessa, TX, 79765		WO: 21179750		Incident ID: nRM2014360340								State	
Phone: 432-305-6415												NM CO UT AZ TX	
mail: Devon-team@etechnv.com													

Collected by: Edyte Konan

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Depth (ft.)	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	GDGC TX	Remarks
11:40	07.10.24	S	1	BH15	1	0.5'						X		
12:00	07.10.24	S	1	BH15	2	4'						X		

Additional Instructions:

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

Sampled by: EK

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: <input checked="" type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C 4
Michelle Gonzales	7-11-24	1640	Andrew H880	7-11-24	1700	
Andrew H880	7-11-24	2330	Alexa Michaels	7/12/24	830	

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

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

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



Envirotech Analytical Laboratory

Printed: 7/12/2024 12:00:41PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	07/12/24 08:30	Work Order ID:	E407089
Phone:	(575) 748-0176	Date Logged In:	07/12/24 11:55	Logged In By:	Noe Soto
Email:	anna@ensolum.com	Due Date:	07/18/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

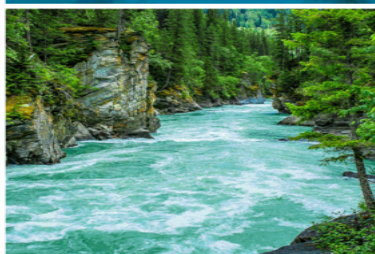
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
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: E409011

Job Number: 01058-0007

Received: 9/4/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/10/24

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: 9/10/24

Erick Herrera
6488 7 Rivers Hwy
Artesia, NM 88210



Project Name: FLAGLER 8 CTB 1
Workorder: E409011
Date Received: 9/4/2024 3:00:00PM

Erick Herrera,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/4/2024 3:00:00PM, under the Project Name: FLAGLER 8 CTB 1.

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

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

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

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

Respectfully,

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Sample Summary

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Erick Herrera	09/10/24 10:16

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS01 0.5'	E409011-01A	Soil	08/30/24	09/04/24	Glass Jar, 2 oz.
FS02 0.5'	E409011-02A	Soil	08/30/24	09/04/24	Glass Jar, 2 oz.
FS03 0.5'	E409011-03A	Soil	08/30/24	09/04/24	Glass Jar, 2 oz.
FS04 0.5'	E409011-04A	Soil	08/30/24	09/04/24	Glass Jar, 2 oz.
FS05 0.5'	E409011-05A	Soil	08/30/24	09/04/24	Glass Jar, 2 oz.
FS06 0.5'	E409011-06A	Soil	08/30/24	09/04/24	Glass Jar, 2 oz.
FS07 0.5'	E409011-07A	Soil	08/30/24	09/04/24	Glass Jar, 2 oz.
FS08 0.5'	E409011-08A	Soil	08/30/24	09/04/24	Glass Jar, 2 oz.
FS09 0.5'	E409011-09A	Soil	08/30/24	09/04/24	Glass Jar, 2 oz.
FS010 0.5'	E409011-10A	Soil	08/30/24	09/04/24	Glass Jar, 2 oz.
FS11 0.5'	E409011-11A	Soil	08/30/24	09/04/24	Glass Jar, 2 oz.
FS12 0.5'	E409011-12A	Soil	08/30/24	09/04/24	Glass Jar, 2 oz.
FS13 0.5'	E409011-13A	Soil	08/30/24	09/04/24	Glass Jar, 2 oz.
FS14 0.5'	E409011-14A	Soil	08/30/24	09/04/24	Glass Jar, 2 oz.
FS15 0.5'	E409011-15A	Soil	08/30/24	09/04/24	Glass Jar, 2 oz.
FS16 0.5'	E409011-16A	Soil	08/30/24	09/04/24	Glass Jar, 2 oz.
FS17 0.5'	E409011-17A	Soil	08/30/24	09/04/24	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported: 9/10/2024 10:16:17AM
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Erick Herrera	

FS01 0.5'

E409011-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2436041	
Benzene	ND	0.0250	1	09/05/24	09/06/24	
Ethylbenzene	ND	0.0250	1	09/05/24	09/06/24	
Toluene	ND	0.0250	1	09/05/24	09/06/24	
o-Xylene	ND	0.0250	1	09/05/24	09/06/24	
p,m-Xylene	ND	0.0500	1	09/05/24	09/06/24	
Total Xylenes	ND	0.0250	1	09/05/24	09/06/24	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	09/05/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2436041	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/24	09/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.8 %	70-130	09/05/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2436045	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/05/24	09/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/05/24	09/07/24	
Surrogate: n-Nonane		89.1 %	50-200	09/05/24	09/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2436050	
Chloride	54.8	20.0	1	09/05/24	09/05/24	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: FLAGLER 8 CTB 1 Project Number: 01058-0007 Project Manager: Erick Herrera	Reported: 9/10/2024 10:16:17AM
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FS02 0.5'

E409011-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2436041	
Benzene	ND	0.0250	1	09/05/24	09/06/24	
Ethylbenzene	ND	0.0250	1	09/05/24	09/06/24	
Toluene	ND	0.0250	1	09/05/24	09/06/24	
o-Xylene	ND	0.0250	1	09/05/24	09/06/24	
p,m-Xylene	ND	0.0500	1	09/05/24	09/06/24	
Total Xylenes	ND	0.0250	1	09/05/24	09/06/24	
Surrogate: 4-Bromochlorobenzene-PID	99.8 %	70-130		09/05/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2436041	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/24	09/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	94.9 %	70-130		09/05/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2436045	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/05/24	09/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/05/24	09/07/24	
Surrogate: n-Nonane	93.7 %	50-200		09/05/24	09/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2436050	
Chloride	57.1	20.0	1	09/05/24	09/05/24	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: FLAGLER 8 CTB 1 Project Number: 01058-0007 Project Manager: Erick Herrera	Reported: 9/10/2024 10:16:17AM
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FS03 0.5'

E409011-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2436041	
Benzene	ND	0.0250	1	09/05/24	09/06/24	
Ethylbenzene	ND	0.0250	1	09/05/24	09/06/24	
Toluene	ND	0.0250	1	09/05/24	09/06/24	
o-Xylene	ND	0.0250	1	09/05/24	09/06/24	
p,m-Xylene	ND	0.0500	1	09/05/24	09/06/24	
Total Xylenes	ND	0.0250	1	09/05/24	09/06/24	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	09/05/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2436041	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/24	09/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.4 %	70-130	09/05/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2436045	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/05/24	09/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/05/24	09/07/24	
Surrogate: n-Nonane		87.1 %	50-200	09/05/24	09/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2436050	
Chloride	2650	20.0	1	09/05/24	09/05/24	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: FLAGLER 8 CTB 1 Project Number: 01058-0007 Project Manager: Erick Herrera	Reported: 9/10/2024 10:16:17AM
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FS04 0.5'

E409011-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2436041	
Benzene	ND	0.0250	1	09/05/24	09/06/24	
Ethylbenzene	0.0456	0.0250	1	09/05/24	09/06/24	
Toluene	ND	0.0250	1	09/05/24	09/06/24	
o-Xylene	0.144	0.0250	1	09/05/24	09/06/24	
p,m-Xylene	0.238	0.0500	1	09/05/24	09/06/24	
Total Xylenes	0.382	0.0250	1	09/05/24	09/06/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	109 %	70-130		09/05/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2436041	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/24	09/06/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.7 %	70-130		09/05/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2436045	
Diesel Range Organics (C10-C28)	32.0	25.0	1	09/05/24	09/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/05/24	09/07/24	
<i>Surrogate: n-Nonane</i>						
	84.9 %	50-200		09/05/24	09/07/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2436050	
Chloride	216	20.0	1	09/05/24	09/05/24	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: FLAGLER 8 CTB 1 Project Number: 01058-0007 Project Manager: Erick Herrera	Reported: 9/10/2024 10:16:17AM
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FS05 0.5'

E409011-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2436041	
Benzene	ND	0.0250	1	09/05/24	09/06/24	
Ethylbenzene	ND	0.0250	1	09/05/24	09/06/24	
Toluene	ND	0.0250	1	09/05/24	09/06/24	
o-Xylene	ND	0.0250	1	09/05/24	09/06/24	
p,m-Xylene	ND	0.0500	1	09/05/24	09/06/24	
Total Xylenes	ND	0.0250	1	09/05/24	09/06/24	
Surrogate: 4-Bromochlorobenzene-PID	97.8 %	70-130		09/05/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2436041	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/24	09/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	95.5 %	70-130		09/05/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2436045	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/05/24	09/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/05/24	09/07/24	
Surrogate: n-Nonane	89.2 %	50-200		09/05/24	09/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2436050	
Chloride	75.8	20.0	1	09/05/24	09/05/24	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: FLAGLER 8 CTB 1 Project Number: 01058-0007 Project Manager: Erick Herrera	Reported: 9/10/2024 10:16:17AM
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FS06 0.5'

E409011-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2436041	
Benzene	ND	0.0250	1	09/05/24	09/06/24	
Ethylbenzene	0.0572	0.0250	1	09/05/24	09/06/24	
Toluene	ND	0.0250	1	09/05/24	09/06/24	
o-Xylene	0.227	0.0250	1	09/05/24	09/06/24	
p,m-Xylene	0.212	0.0500	1	09/05/24	09/06/24	
Total Xylenes	0.439	0.0250	1	09/05/24	09/06/24	
Surrogate: 4-Bromochlorobenzene-PID	113 %	70-130		09/05/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2436041	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/24	09/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	97.3 %	70-130		09/05/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2436045	
Diesel Range Organics (C10-C28)	45.2	25.0	1	09/05/24	09/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/05/24	09/07/24	
Surrogate: n-Nonane	85.1 %	50-200		09/05/24	09/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2436050	
Chloride	308	20.0	1	09/05/24	09/05/24	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: FLAGLER 8 CTB 1 Project Number: 01058-0007 Project Manager: Erick Herrera	Reported: 9/10/2024 10:16:17AM
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FS07 0.5'

E409011-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2436041	
Benzene	ND	0.0250	1	09/05/24	09/06/24	
Ethylbenzene	ND	0.0250	1	09/05/24	09/06/24	
Toluene	ND	0.0250	1	09/05/24	09/06/24	
o-Xylene	0.0420	0.0250	1	09/05/24	09/06/24	
p,m-Xylene	0.0589	0.0500	1	09/05/24	09/06/24	
Total Xylenes	0.101	0.0250	1	09/05/24	09/06/24	
Surrogate: 4-Bromochlorobenzene-PID	103 %	70-130		09/05/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2436041	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/24	09/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	96.5 %	70-130		09/05/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2436045	
Diesel Range Organics (C10-C28)	32.3	25.0	1	09/05/24	09/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/05/24	09/07/24	
Surrogate: n-Nonane	83.9 %	50-200		09/05/24	09/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2436050	
Chloride	74.3	20.0	1	09/05/24	09/05/24	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: FLAGLER 8 CTB 1 Project Number: 01058-0007 Project Manager: Erick Herrera	Reported: 9/10/2024 10:16:17AM
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FS08 0.5'

E409011-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2436041	
Benzene	ND	0.0250	1	09/05/24	09/06/24	
Ethylbenzene	0.0525	0.0250	1	09/05/24	09/06/24	
Toluene	ND	0.0250	1	09/05/24	09/06/24	
o-Xylene	0.155	0.0250	1	09/05/24	09/06/24	
p,m-Xylene	0.263	0.0500	1	09/05/24	09/06/24	
Total Xylenes	0.417	0.0250	1	09/05/24	09/06/24	
Surrogate: 4-Bromochlorobenzene-PID	107 %	70-130		09/05/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2436041	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/24	09/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	96.9 %	70-130		09/05/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2436045	
Diesel Range Organics (C10-C28)	38.2	25.0	1	09/05/24	09/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/05/24	09/07/24	
Surrogate: n-Nonane	87.8 %	50-200		09/05/24	09/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2436050	
Chloride	50.0	20.0	1	09/05/24	09/06/24	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: FLAGLER 8 CTB 1 Project Number: 01058-0007 Project Manager: Erick Herrera	Reported: 9/10/2024 10:16:17AM
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FS09 0.5'

E409011-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2436041	
Benzene	ND	0.0250	1	09/05/24	09/06/24	
Ethylbenzene	0.0469	0.0250	1	09/05/24	09/06/24	
Toluene	ND	0.0250	1	09/05/24	09/06/24	
o-Xylene	0.144	0.0250	1	09/05/24	09/06/24	
p,m-Xylene	0.239	0.0500	1	09/05/24	09/06/24	
Total Xylenes	0.382	0.0250	1	09/05/24	09/06/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	106 %	70-130		09/05/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2436041	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/24	09/06/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.8 %	70-130		09/05/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2436045	
Diesel Range Organics (C10-C28)	33.3	25.0	1	09/05/24	09/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/05/24	09/07/24	
<i>Surrogate: n-Nonane</i>						
	90.1 %	50-200		09/05/24	09/07/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2436050	
Chloride	239	20.0	1	09/05/24	09/06/24	



Sample Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported: 9/10/2024 10:16:17AM
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Erick Herrera	

FS010 0.5'
E409011-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2436041	
Benzene	ND	0.0250	1	09/05/24	09/06/24	
Ethylbenzene	ND	0.0250	1	09/05/24	09/06/24	
Toluene	ND	0.0250	1	09/05/24	09/06/24	
o-Xylene	ND	0.0250	1	09/05/24	09/06/24	
p,m-Xylene	ND	0.0500	1	09/05/24	09/06/24	
Total Xylenes	ND	0.0250	1	09/05/24	09/06/24	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	09/05/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2436041	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/24	09/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.0 %	70-130	09/05/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2436045	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/05/24	09/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/05/24	09/07/24	
Surrogate: n-Nonane		87.0 %	50-200	09/05/24	09/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2436050	
Chloride	110	20.0	1	09/05/24	09/06/24	



Sample Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported: 9/10/2024 10:16:17AM
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Erick Herrera	

FS11 0.5'

E409011-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2436041	
Benzene	ND	0.0250	1	09/05/24	09/06/24	
Ethylbenzene	ND	0.0250	1	09/05/24	09/06/24	
Toluene	ND	0.0250	1	09/05/24	09/06/24	
o-Xylene	ND	0.0250	1	09/05/24	09/06/24	
p,m-Xylene	ND	0.0500	1	09/05/24	09/06/24	
Total Xylenes	ND	0.0250	1	09/05/24	09/06/24	
Surrogate: 4-Bromochlorobenzene-PID	99.3 %	70-130		09/05/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2436041	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/24	09/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	96.3 %	70-130		09/05/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2436045	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/05/24	09/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/05/24	09/07/24	
Surrogate: n-Nonane	92.2 %	50-200		09/05/24	09/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2436050	
Chloride	20.7	20.0	1	09/05/24	09/06/24	



Sample Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported: 9/10/2024 10:16:17AM
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Erick Herrera	

FS12 0.5'

E409011-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2436041	
Benzene	ND	0.0250	1	09/05/24	09/06/24	
Ethylbenzene	0.0412	0.0250	1	09/05/24	09/06/24	
Toluene	ND	0.0250	1	09/05/24	09/06/24	
o-Xylene	0.127	0.0250	1	09/05/24	09/06/24	
p,m-Xylene	0.212	0.0500	1	09/05/24	09/06/24	
Total Xylenes	0.340	0.0250	1	09/05/24	09/06/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		106 %	70-130	09/05/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2436041	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/24	09/06/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		96.8 %	70-130	09/05/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2436045	
Diesel Range Organics (C10-C28)	48.3	25.0	1	09/05/24	09/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/05/24	09/07/24	
<i>Surrogate: n-Nonane</i>						
		87.1 %	50-200	09/05/24	09/07/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2436050	
Chloride	46.0	20.0	1	09/05/24	09/06/24	



Sample Data

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

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

Reported:
9/10/2024 10:16:17AM

FS13 0.5'

E409011-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2436041	
Benzene	ND	0.0250	1	09/05/24	09/06/24	
Ethylbenzene	ND	0.0250	1	09/05/24	09/06/24	
Toluene	ND	0.0250	1	09/05/24	09/06/24	
o-Xylene	ND	0.0250	1	09/05/24	09/06/24	
p,m-Xylene	ND	0.0500	1	09/05/24	09/06/24	
Total Xylenes	ND	0.0250	1	09/05/24	09/06/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	09/05/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2436041	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/24	09/06/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.6 %	70-130	09/05/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2436045	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/05/24	09/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/05/24	09/07/24	
<i>Surrogate: n-Nonane</i>		89.8 %	50-200	09/05/24	09/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2436050	
Chloride	20.6	20.0	1	09/05/24	09/06/24	



Sample Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported: 9/10/2024 10:16:17AM
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Erick Herrera	

FS14 0.5'

E409011-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2436041	
Benzene	ND	0.0250	1	09/05/24	09/06/24	
Ethylbenzene	ND	0.0250	1	09/05/24	09/06/24	
Toluene	ND	0.0250	1	09/05/24	09/06/24	
o-Xylene	ND	0.0250	1	09/05/24	09/06/24	
p,m-Xylene	ND	0.0500	1	09/05/24	09/06/24	
Total Xylenes	ND	0.0250	1	09/05/24	09/06/24	
Surrogate: 4-Bromochlorobenzene-PID	99.4 %	70-130		09/05/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2436041	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/24	09/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	96.1 %	70-130		09/05/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2436045	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/05/24	09/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/05/24	09/07/24	
Surrogate: n-Nonane	84.2 %	50-200		09/05/24	09/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2436050	
Chloride	20.1	20.0	1	09/05/24	09/06/24	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: FLAGLER 8 CTB 1 Project Number: 01058-0007 Project Manager: Erick Herrera	Reported: 9/10/2024 10:16:17AM
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FS15 0.5'

E409011-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2436041	
Benzene	ND	0.0250	1	09/05/24	09/06/24	
Ethylbenzene	ND	0.0250	1	09/05/24	09/06/24	
Toluene	ND	0.0250	1	09/05/24	09/06/24	
o-Xylene	ND	0.0250	1	09/05/24	09/06/24	
p,m-Xylene	ND	0.0500	1	09/05/24	09/06/24	
Total Xylenes	ND	0.0250	1	09/05/24	09/06/24	
Surrogate: 4-Bromochlorobenzene-PID	99.6 %	70-130		09/05/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2436041	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/24	09/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	97.0 %	70-130		09/05/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2436045	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/05/24	09/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/05/24	09/07/24	
Surrogate: n-Nonane	87.1 %	50-200		09/05/24	09/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2436050	
Chloride	ND	20.0	1	09/05/24	09/06/24	



Sample Data

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

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

Reported:
9/10/2024 10:16:17AM

FS16 0.5'

E409011-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2436041	
Benzene	ND	0.0250	1	09/05/24	09/06/24	
Ethylbenzene	ND	0.0250	1	09/05/24	09/06/24	
Toluene	ND	0.0250	1	09/05/24	09/06/24	
o-Xylene	ND	0.0250	1	09/05/24	09/06/24	
p,m-Xylene	ND	0.0500	1	09/05/24	09/06/24	
Total Xylenes	ND	0.0250	1	09/05/24	09/06/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	09/05/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2436041	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/24	09/06/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.4 %	70-130	09/05/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2436045	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/05/24	09/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/05/24	09/07/24	
<i>Surrogate: n-Nonane</i>		86.4 %	50-200	09/05/24	09/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2436050	
Chloride	128	20.0	1	09/05/24	09/06/24	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: FLAGLER 8 CTB 1 Project Number: 01058-0007 Project Manager: Erick Herrera	Reported: 9/10/2024 10:16:17AM
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FS17 0.5'

E409011-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2436041	
Benzene	ND	0.0250	1	09/05/24	09/06/24	
Ethylbenzene	0.0297	0.0250	1	09/05/24	09/06/24	
Toluene	ND	0.0250	1	09/05/24	09/06/24	
o-Xylene	0.0963	0.0250	1	09/05/24	09/06/24	
p,m-Xylene	0.155	0.0500	1	09/05/24	09/06/24	
Total Xylenes	0.251	0.0250	1	09/05/24	09/06/24	
Surrogate: 4-Bromochlorobenzene-PID	106 %	70-130		09/05/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2436041	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/24	09/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	97.0 %	70-130		09/05/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2436045	
Diesel Range Organics (C10-C28)	27.7	25.0	1	09/05/24	09/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/05/24	09/07/24	
Surrogate: n-Nonane	89.7 %	50-200		09/05/24	09/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2436050	
Chloride	53.0	20.0	1	09/05/24	09/06/24	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Erick Herrera	9/10/2024 10:16:17AM

Volatile Organics by EPA 8021B

Analyst: BA

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

Blank (2436041-BLK1) Prepared: 09/05/24 Analyzed: 09/06/24

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	7.74		8.00		96.8	70-130			

LCS (2436041-BS1) Prepared: 09/05/24 Analyzed: 09/06/24

Benzene	5.28	0.0250	5.00		106	70-130			
Ethylbenzene	5.13	0.0250	5.00		103	70-130			
Toluene	5.22	0.0250	5.00		104	70-130			
o-Xylene	5.09	0.0250	5.00		102	70-130			
p,m-Xylene	10.4	0.0500	10.0		104	70-130			
Total Xylenes	15.5	0.0250	15.0		103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.81		8.00		97.7	70-130			

Matrix Spike (2436041-MS1) Source: E409011-05 Prepared: 09/05/24 Analyzed: 09/06/24

Benzene	5.15	0.0250	5.00	ND	103	54-133			
Ethylbenzene	5.00	0.0250	5.00	ND	100	61-133			
Toluene	5.09	0.0250	5.00	ND	102	61-130			
o-Xylene	4.98	0.0250	5.00	ND	99.6	63-131			
p,m-Xylene	10.2	0.0500	10.0	ND	102	63-131			
Total Xylenes	15.2	0.0250	15.0	ND	101	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.91		8.00		98.9	70-130			

Matrix Spike Dup (2436041-MSD1) Source: E409011-05 Prepared: 09/05/24 Analyzed: 09/06/24

Benzene	5.15	0.0250	5.00	ND	103	54-133	0.0223	20	
Ethylbenzene	5.02	0.0250	5.00	ND	100	61-133	0.384	20	
Toluene	5.11	0.0250	5.00	ND	102	61-130	0.309	20	
o-Xylene	5.00	0.0250	5.00	ND	100	63-131	0.426	20	
p,m-Xylene	10.2	0.0500	10.0	ND	102	63-131	0.296	20	
Total Xylenes	15.2	0.0250	15.0	ND	102	63-131	0.339	20	
Surrogate: 4-Bromochlorobenzene-PID	7.97		8.00		99.7	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Erick Herrera	9/10/2024 10:16:17AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2436041-BLK1) Prepared: 09/05/24 Analyzed: 09/06/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.54		8.00		94.3	70-130			

LCS (2436041-BS2) Prepared: 09/05/24 Analyzed: 09/06/24

Gasoline Range Organics (C6-C10)	43.2	20.0	50.0		86.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.80		8.00		97.5	70-130			

Matrix Spike (2436041-MS2) Source: E409011-05 Prepared: 09/05/24 Analyzed: 09/06/24

Gasoline Range Organics (C6-C10)	44.7	20.0	50.0	ND	89.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.72		8.00		96.5	70-130			

Matrix Spike Dup (2436041-MSD2) Source: E409011-05 Prepared: 09/05/24 Analyzed: 09/06/24

Gasoline Range Organics (C6-C10)	42.5	20.0	50.0	ND	85.1	70-130	4.97	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.74		8.00		96.8	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Erick Herrera	9/10/2024 10:16:17AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2436045-BLK1)					Prepared: 09/05/24 Analyzed: 09/06/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	42.4		50.0		84.7	50-200			

LCS (2436045-BS1)					Prepared: 09/05/24 Analyzed: 09/06/24				
Diesel Range Organics (C10-C28)	198	25.0	250		79.3	38-132			
Surrogate: n-Nonane	43.4		50.0		86.7	50-200			

Matrix Spike (2436045-MS1)					Source: E409011-08		Prepared: 09/05/24 Analyzed: 09/06/24		
Diesel Range Organics (C10-C28)	236	25.0	250	38.2	79.0	38-132			
Surrogate: n-Nonane	43.8		50.0		87.6	50-200			

Matrix Spike Dup (2436045-MSD1)					Source: E409011-08		Prepared: 09/05/24 Analyzed: 09/07/24		
Diesel Range Organics (C10-C28)	241	25.0	250	38.2	81.1	38-132	2.30	20	
Surrogate: n-Nonane	44.5		50.0		89.0	50-200			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Erick Herrera	9/10/2024 10:16:17AM

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (2436050-BLK1)					Prepared: 09/05/24 Analyzed: 09/05/24				
Chloride	ND	20.0							
LCS (2436050-BS1)					Prepared: 09/05/24 Analyzed: 09/05/24				
Chloride	249	20.0	250		99.5	90-110			
Matrix Spike (2436050-MS1)					Source: E409011-01		Prepared: 09/05/24 Analyzed: 09/05/24		
Chloride	305	20.0	250	54.8	100	80-120			
Matrix Spike Dup (2436050-MSD1)					Source: E409011-01		Prepared: 09/05/24 Analyzed: 09/05/24		
Chloride	305	20.0	250	54.8	100	80-120	0.0613	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	09/10/24 10:16

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



Project Information

Chain of Custody

Page 1 of 2

Client: Devon Energy Production Co LP				Bill To		Lab Use Only		TAT			EPA Program		
Project: FLAGLER 8 CTB 1				Attention: Jim Raley		Lab WO#		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Erick Herrera				Address: 5315 Buena Vista Dr.		E409011		Job Number		01058-0009		5 day TAT	
Address: 13000 W County Rd 100				City, State, Zip: Carlsbad, NM, 88220		Analysis and Method						RCRA	
City, State, Zip: Odessa, TX, 79765				Phone: 575-885-7502								State	
Phone: 432-305-6415				Email: jim.raley@dvn.com								NM CO UT AZ TX	
Email: Devon-team@etechnv.com				WO: 21179750								X	
				Incident ID: nRM2014360340								Remarks	
Collected by: Edyte Konan													
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Depth (ft.)	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	GDOC TX
8:00	08.30.24	S	1	FS01	1	0.5'						X	
8:10	08.30.24	S	1	FS02	2	0.5'						X	
8:20	08.30.24	S	1	FS03	3	0.5'						X	
8:30	08.30.24	S	1	FS04	4	0.5'						X	
8:40	08.30.24	S	1	FS05	5	0.5'						X	
8:50	08.30.24	S	1	FS06	6	0.5'						X	
9:00	08.30.24	S	1	FS07	7	0.5'						X	
9:10	08.30.24	S	1	FS08	8	0.5'						X	
9:20	08.30.24	S	1	FS09	9	0.5'						X	
9:30	08.30.24	S	1	FS10	10	0.5'						X	
Additional Instructions:													
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: <u>IK</u>													
Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.													
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only					
<u>[Signature]</u>		08/03/24	10:00	<u>Michelle Gonzales</u>		9-3-24	1000	Received on ice: <u>(Y)</u> N					
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 T2 T3					
<u>Michelle Gonzales</u>		9-3-24	1530	<u>Andrew Musso</u>		9-3-24	1530						
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	AVG Temp °C					
<u>Andrew Musso</u>		9-3-24	2130	<u>[Signature]</u>		9-4-24	1500	<u>4</u>					
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other													
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA													
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.													


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Project Information

Chain of Custody

Page 2 of 2

Client: Devon Energy Production Co LP				Bill To		Lab Use Only		TAT				EPA Program			
Project: FLAGLER 8 CTB 1				Attention: Jim Raley		Lab WO# E409011		Job Number 01058-0007		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Erick Herrera				Address: 5315 Buena Vista Dr.									5 day TAT		
Address: 13000 W County Rd 100				City, State, Zip: Carlsbad, NM, 88220										RCRA	
City, State, Zip: Odessa, TX, 79765				Phone: 575-885-7502											
Phone: 432-305-6415				Email: jim.raley@devn.com											
Email: Devon-team@etechnv.com				WO: 21179750											
				Incident ID: nRM2014360340											
Collected by: Edyte Konan															
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Depth (ft.)	TPH GRO/DRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	GDGC TX	State	
														NM CO UT AZ TX	
														Remarks	
9:40	08.30.24	S	1	FS11	11	0.5'						X			
9:50	08.30.24	S	1	FS12	12	0.5'						X			
10:00	08.30.24	S	1	FS13	13	0.5'						X			
10:10	08.30.24	S	1	FS14	14	0.5'						X			
10:20	08.30.24	S	1	FS15	15	0.5'						X			
10:30	08.30.24	S	1	FS16	16	0.5'						X			
10:40	08.30.24	S	1	FS17	17	0.5'						X			
08/03/24															
Additional Instructions:															
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: EK															
Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.															
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only							
<i>[Signature]</i>		08/03/24	10:00	Michelle Gonzales		9-3-24	1000	Received on ice: 0 / N							
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 T2 T3							
Michelle Gonzales		9-3-24	1530	Andrew Musso		9-3-24	1530								
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	AVG Temp °C							
Andrew Musso		9-3-24	2130	<i>[Signature]</i>		9-4-24	1500	4							
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other															
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA															
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.															


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Envirotech Analytical Laboratory

Printed: 9/4/2024 4:18:16PM

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:	09/04/24 15:00	Work Order ID:	E409011
Phone:	(575) 748-0176	Date Logged In:	09/04/24 16:08	Logged In By:	Noe Soto
Email:		Due Date:	09/10/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Erick Herrera



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: FLAGLER 8 CTB 1

Work Order: E409006

Job Number: 01058-0007

Received: 9/4/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/11/24

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 9/11/24



Erick Herrera
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: FLAGLER 8 CTB 1
Workorder: E409006
Date Received: 9/4/2024 3:00:00PM

Erick Herrera,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/4/2024 3:00:00PM, under the Project Name: FLAGLER 8 CTB 1.

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

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

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

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

Respectfully,

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

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
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Sample Summary

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Erick Herrera	09/11/24 14:15

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW01 0 - 0.5'	E409006-01A	Soil	08/30/24	09/04/24	Glass Jar, 2 oz.
SW02 0 - 0.5'	E409006-02A	Soil	08/30/24	09/04/24	Glass Jar, 2 oz.
SW03 0 - 0.5'	E409006-03A	Soil	08/30/24	09/04/24	Glass Jar, 2 oz.
SW04 0 - 0.5'	E409006-04A	Soil	08/30/24	09/04/24	Glass Jar, 2 oz.
SW05 0 - 0.5'	E409006-05A	Soil	08/30/24	09/04/24	Glass Jar, 2 oz.
SW06 0 - 0.5'	E409006-06A	Soil	08/30/24	09/04/24	Glass Jar, 2 oz.
SW07 0 - 0.5'	E409006-07A	Soil	08/30/24	09/04/24	Glass Jar, 2 oz.
SW08 0 - 0.5'	E409006-08A	Soil	08/30/24	09/04/24	Glass Jar, 2 oz.



Sample Data

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

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

Reported:
9/11/2024 2:15:39PM

SW01 0 - 0.5'

E409006-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2436040
Benzene	ND	0.0250	1	09/05/24	09/06/24	
Ethylbenzene	ND	0.0250	1	09/05/24	09/06/24	
Toluene	ND	0.0250	1	09/05/24	09/06/24	
o-Xylene	ND	0.0250	1	09/05/24	09/06/24	
p,m-Xylene	ND	0.0500	1	09/05/24	09/06/24	
Total Xylenes	ND	0.0250	1	09/05/24	09/06/24	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	09/05/24	09/06/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.4 %	70-130	09/05/24	09/06/24	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	09/05/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2436040
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/24	09/06/24	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	09/05/24	09/06/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.4 %	70-130	09/05/24	09/06/24	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	09/05/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AF		Batch: 2436044
Diesel Range Organics (C10-C28)	34.7	25.0	1	09/05/24	09/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/05/24	09/10/24	
<i>Surrogate: n-Nonane</i>		94.0 %	50-200	09/05/24	09/10/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2436042
Chloride	81.1	20.0	1	09/05/24	09/05/24	



Sample Data

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

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

Reported:
9/11/2024 2:15:39PM

SW02 0 - 0.5'

E409006-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2436040
Benzene	ND	0.0250	1	09/05/24	09/06/24	
Ethylbenzene	ND	0.0250	1	09/05/24	09/06/24	
Toluene	ND	0.0250	1	09/05/24	09/06/24	
o-Xylene	ND	0.0250	1	09/05/24	09/06/24	
p,m-Xylene	ND	0.0500	1	09/05/24	09/06/24	
Total Xylenes	ND	0.0250	1	09/05/24	09/06/24	
Surrogate: Bromofluorobenzene		105 %	70-130	09/05/24	09/06/24	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130	09/05/24	09/06/24	
Surrogate: Toluene-d8		106 %	70-130	09/05/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2436040
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/24	09/06/24	
Surrogate: Bromofluorobenzene		105 %	70-130	09/05/24	09/06/24	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130	09/05/24	09/06/24	
Surrogate: Toluene-d8		106 %	70-130	09/05/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AF		Batch: 2436044
Diesel Range Organics (C10-C28)	31.3	25.0	1	09/05/24	09/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/05/24	09/10/24	
Surrogate: n-Nonane		93.4 %	50-200	09/05/24	09/10/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2436042
Chloride	79.5	20.0	1	09/05/24	09/05/24	



Sample Data

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

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

Reported:
9/11/2024 2:15:39PM

SW03 0 - 0.5'

E409006-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2436040
Benzene	ND	0.0250	1	09/05/24	09/06/24	
Ethylbenzene	ND	0.0250	1	09/05/24	09/06/24	
Toluene	ND	0.0250	1	09/05/24	09/06/24	
o-Xylene	ND	0.0250	1	09/05/24	09/06/24	
p,m-Xylene	ND	0.0500	1	09/05/24	09/06/24	
Total Xylenes	ND	0.0250	1	09/05/24	09/06/24	
Surrogate: Bromofluorobenzene		104 %	70-130	09/05/24	09/06/24	
Surrogate: 1,2-Dichloroethane-d4		99.6 %	70-130	09/05/24	09/06/24	
Surrogate: Toluene-d8		104 %	70-130	09/05/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2436040
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/24	09/06/24	
Surrogate: Bromofluorobenzene		104 %	70-130	09/05/24	09/06/24	
Surrogate: 1,2-Dichloroethane-d4		99.6 %	70-130	09/05/24	09/06/24	
Surrogate: Toluene-d8		104 %	70-130	09/05/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AF		Batch: 2436044
Diesel Range Organics (C10-C28)	ND	25.0	1	09/05/24	09/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/05/24	09/10/24	
Surrogate: n-Nonane		93.8 %	50-200	09/05/24	09/10/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2436042
Chloride	79.5	20.0	1	09/05/24	09/05/24	



Sample Data

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

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

Reported:
9/11/2024 2:15:39PM

SW04 0 - 0.5'

E409006-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2436040
Benzene	ND	0.0250	1	09/05/24	09/06/24	
Ethylbenzene	ND	0.0250	1	09/05/24	09/06/24	
Toluene	ND	0.0250	1	09/05/24	09/06/24	
o-Xylene	0.0350	0.0250	1	09/05/24	09/06/24	
p,m-Xylene	0.0680	0.0500	1	09/05/24	09/06/24	
Total Xylenes	0.103	0.0250	1	09/05/24	09/06/24	
Surrogate: Bromofluorobenzene		103 %	70-130	09/05/24	09/06/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	09/05/24	09/06/24	
Surrogate: Toluene-d8		104 %	70-130	09/05/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2436040
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/24	09/06/24	
Surrogate: Bromofluorobenzene		103 %	70-130	09/05/24	09/06/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	09/05/24	09/06/24	
Surrogate: Toluene-d8		104 %	70-130	09/05/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AF		Batch: 2436044
Diesel Range Organics (C10-C28)	51.3	25.0	1	09/05/24	09/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/05/24	09/10/24	
Surrogate: n-Nonane		95.1 %	50-200	09/05/24	09/10/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2436042
Chloride	72.1	20.0	1	09/05/24	09/05/24	



Sample Data

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

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

Reported:
9/11/2024 2:15:39PM

SW05 0 - 0.5'

E409006-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2436040
Benzene	ND	0.0250	1	09/05/24	09/06/24	
Ethylbenzene	ND	0.0250	1	09/05/24	09/06/24	
Toluene	ND	0.0250	1	09/05/24	09/06/24	
o-Xylene	ND	0.0250	1	09/05/24	09/06/24	
p,m-Xylene	ND	0.0500	1	09/05/24	09/06/24	
Total Xylenes	ND	0.0250	1	09/05/24	09/06/24	
Surrogate: Bromofluorobenzene		104 %	70-130	09/05/24	09/06/24	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130	09/05/24	09/06/24	
Surrogate: Toluene-d8		105 %	70-130	09/05/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2436040
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/24	09/06/24	
Surrogate: Bromofluorobenzene		104 %	70-130	09/05/24	09/06/24	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130	09/05/24	09/06/24	
Surrogate: Toluene-d8		105 %	70-130	09/05/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AF		Batch: 2436044
Diesel Range Organics (C10-C28)	36.3	25.0	1	09/05/24	09/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/05/24	09/10/24	
Surrogate: n-Nonane		95.2 %	50-200	09/05/24	09/10/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2436042
Chloride	72.7	20.0	1	09/05/24	09/05/24	



Sample Data

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

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

Reported:
9/11/2024 2:15:39PM

SW06 0 - 0.5'

E409006-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2436040
Benzene	ND	0.0250	1	09/05/24	09/06/24	
Ethylbenzene	ND	0.0250	1	09/05/24	09/06/24	
Toluene	ND	0.0250	1	09/05/24	09/06/24	
o-Xylene	ND	0.0250	1	09/05/24	09/06/24	
p,m-Xylene	ND	0.0500	1	09/05/24	09/06/24	
Total Xylenes	ND	0.0250	1	09/05/24	09/06/24	
Surrogate: Bromofluorobenzene		103 %	70-130	09/05/24	09/06/24	
Surrogate: 1,2-Dichloroethane-d4		97.6 %	70-130	09/05/24	09/06/24	
Surrogate: Toluene-d8		105 %	70-130	09/05/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2436040
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/24	09/06/24	
Surrogate: Bromofluorobenzene		103 %	70-130	09/05/24	09/06/24	
Surrogate: 1,2-Dichloroethane-d4		97.6 %	70-130	09/05/24	09/06/24	
Surrogate: Toluene-d8		105 %	70-130	09/05/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AF		Batch: 2436044
Diesel Range Organics (C10-C28)	29.1	25.0	1	09/05/24	09/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/05/24	09/10/24	
Surrogate: n-Nonane		94.4 %	50-200	09/05/24	09/10/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2436042
Chloride	77.6	20.0	1	09/05/24	09/05/24	



Sample Data

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

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

Reported:
9/11/2024 2:15:39PM

SW07 0 - 0.5'

E409006-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2436040
Benzene	ND	0.0250	1	09/05/24	09/06/24	
Ethylbenzene	ND	0.0250	1	09/05/24	09/06/24	
Toluene	ND	0.0250	1	09/05/24	09/06/24	
o-Xylene	ND	0.0250	1	09/05/24	09/06/24	
p,m-Xylene	ND	0.0500	1	09/05/24	09/06/24	
Total Xylenes	ND	0.0250	1	09/05/24	09/06/24	
Surrogate: Bromofluorobenzene		102 %	70-130	09/05/24	09/06/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	09/05/24	09/06/24	
Surrogate: Toluene-d8		105 %	70-130	09/05/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2436040
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/24	09/06/24	
Surrogate: Bromofluorobenzene		102 %	70-130	09/05/24	09/06/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	09/05/24	09/06/24	
Surrogate: Toluene-d8		105 %	70-130	09/05/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AF		Batch: 2436044
Diesel Range Organics (C10-C28)	45.1	25.0	1	09/05/24	09/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/05/24	09/10/24	
Surrogate: n-Nonane		95.1 %	50-200	09/05/24	09/10/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2436042
Chloride	104	20.0	1	09/05/24	09/05/24	



Sample Data

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

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

Reported:
9/11/2024 2:15:39PM

SW08 0 - 0.5'

E409006-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2436040
Benzene	ND	0.0250	1	09/05/24	09/06/24	
Ethylbenzene	ND	0.0250	1	09/05/24	09/06/24	
Toluene	ND	0.0250	1	09/05/24	09/06/24	
o-Xylene	0.0250	0.0250	1	09/05/24	09/06/24	
p,m-Xylene	0.0505	0.0500	1	09/05/24	09/06/24	
Total Xylenes	0.0755	0.0250	1	09/05/24	09/06/24	
Surrogate: Bromofluorobenzene		101 %	70-130	09/05/24	09/06/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	09/05/24	09/06/24	
Surrogate: Toluene-d8		104 %	70-130	09/05/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2436040
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/24	09/06/24	
Surrogate: Bromofluorobenzene		101 %	70-130	09/05/24	09/06/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	09/05/24	09/06/24	
Surrogate: Toluene-d8		104 %	70-130	09/05/24	09/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AF		Batch: 2436044
Diesel Range Organics (C10-C28)	46.0	25.0	1	09/05/24	09/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/05/24	09/10/24	
Surrogate: n-Nonane		99.5 %	50-200	09/05/24	09/10/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2436042
Chloride	79.2	20.0	1	09/05/24	09/05/24	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Erick Herrera	9/11/2024 2:15:39PM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

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

Blank (2436040-BLK1)					Prepared: 09/05/24 Analyzed: 09/06/24				
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	0.517		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.6	70-130			
Surrogate: Toluene-d8	0.522		0.500		104	70-130			

LCS (2436040-BS1)					Prepared: 09/05/24 Analyzed: 09/06/24				
Benzene	2.47	0.0250	2.50		98.9	70-130			
Ethylbenzene	2.29	0.0250	2.50		91.5	70-130			
Toluene	2.38	0.0250	2.50		95.0	70-130			
o-Xylene	2.21	0.0250	2.50		88.5	70-130			
p,m-Xylene	4.43	0.0500	5.00		88.6	70-130			
Total Xylenes	6.64	0.0250	7.50		88.6	70-130			
Surrogate: Bromofluorobenzene	0.514		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.8	70-130			
Surrogate: Toluene-d8	0.506		0.500		101	70-130			

Matrix Spike (2436040-MS1)					Source: E409006-02	Prepared: 09/05/24 Analyzed: 09/06/24			
Benzene	2.58	0.0250	2.50	ND	103	48-131			
Ethylbenzene	2.38	0.0250	2.50	ND	95.3	45-135			
Toluene	2.46	0.0250	2.50	ND	98.5	48-130			
o-Xylene	2.28	0.0250	2.50	ND	91.1	43-135			
p,m-Xylene	4.55	0.0500	5.00	ND	90.9	43-135			
Total Xylenes	6.83	0.0250	7.50	ND	91.0	43-135			
Surrogate: Bromofluorobenzene	0.507		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.6	70-130			
Surrogate: Toluene-d8	0.515		0.500		103	70-130			

Matrix Spike Dup (2436040-MSD1)					Source: E409006-02	Prepared: 09/05/24 Analyzed: 09/06/24			
Benzene	2.55	0.0250	2.50	ND	102	48-131	1.30	23	
Ethylbenzene	2.36	0.0250	2.50	ND	94.6	45-135	0.800	27	
Toluene	2.43	0.0250	2.50	ND	97.4	48-130	1.18	24	
o-Xylene	2.30	0.0250	2.50	ND	91.8	43-135	0.809	27	
p,m-Xylene	4.59	0.0500	5.00	ND	91.8	43-135	0.952	27	
Total Xylenes	6.89	0.0250	7.50	ND	91.8	43-135	0.904	27	
Surrogate: Bromofluorobenzene	0.509		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.507		0.500		101	70-130			
Surrogate: Toluene-d8	0.506		0.500		101	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Erick Herrera	9/11/2024 2:15:39PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

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

Blank (2436040-BLK1) Prepared: 09/05/24 Analyzed: 09/06/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.517		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.6	70-130			
Surrogate: Toluene-d8	0.522		0.500		104	70-130			

LCS (2436040-BS2) Prepared: 09/05/24 Analyzed: 09/06/24

Gasoline Range Organics (C6-C10)	48.0	20.0	50.0		96.0	70-130			
Surrogate: Bromofluorobenzene	0.508		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.3	70-130			
Surrogate: Toluene-d8	0.529		0.500		106	70-130			

Matrix Spike (2436040-MS2) Source: E409006-02 Prepared: 09/05/24 Analyzed: 09/06/24

Gasoline Range Organics (C6-C10)	50.3	20.0	50.0	ND	101	70-130			
Surrogate: Bromofluorobenzene	0.519		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.494		0.500		98.8	70-130			
Surrogate: Toluene-d8	0.527		0.500		105	70-130			

Matrix Spike Dup (2436040-MSD2) Source: E409006-02 Prepared: 09/05/24 Analyzed: 09/06/24

Gasoline Range Organics (C6-C10)	48.8	20.0	50.0	ND	97.7	70-130	2.85	20	
Surrogate: Bromofluorobenzene	0.519		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.464		0.500		92.8	70-130			
Surrogate: Toluene-d8	0.529		0.500		106	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Erick Herrera	9/11/2024 2:15:39PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2436044-BLK1)					Prepared: 09/05/24 Analyzed: 09/10/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	46.1		50.0		92.3	50-200			

LCS (2436044-BS1)					Prepared: 09/05/24 Analyzed: 09/10/24				
Diesel Range Organics (C10-C28)	215	25.0	250		86.0	38-132			
Surrogate: n-Nonane	45.7		50.0		91.4	50-200			

Matrix Spike (2436044-MS1)					Source: E409006-01		Prepared: 09/05/24 Analyzed: 09/10/24		
Diesel Range Organics (C10-C28)	231	25.0	250	34.7	78.4	38-132			
Surrogate: n-Nonane	45.1		50.0		90.2	50-200			

Matrix Spike Dup (2436044-MSD1)					Source: E409006-01		Prepared: 09/05/24 Analyzed: 09/10/24		
Diesel Range Organics (C10-C28)	243	25.0	250	34.7	83.3	38-132	5.19	20	
Surrogate: n-Nonane	46.9		50.0		93.7	50-200			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	FLAGLER 8 CTB 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Erick Herrera	9/11/2024 2:15:39PM

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (2436042-BLK1)					Prepared: 09/05/24 Analyzed: 09/05/24				
Chloride	ND	20.0							
LCS (2436042-BS1)					Prepared: 09/05/24 Analyzed: 09/05/24				
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2436042-MS1)					Source: E409016-02		Prepared: 09/05/24 Analyzed: 09/05/24		
Chloride	264	20.0	250	ND	106	80-120			
Matrix Spike Dup (2436042-MSD1)					Source: E409016-02		Prepared: 09/05/24 Analyzed: 09/05/24		
Chloride	264	20.0	250	ND	106	80-120	0.0481	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	09/11/24 14:15

- 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.

Project Information

Chain of Custody

Page 1 of 1

Client: Devon Energy Production Co LP				Bill To		Lab Use Only		TAT			EPA Program		
Project: FLAGLER 8 CTB 1				Attention: Jim Raley		Lab WO#		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Erick Herrera				Address: 5315 Buena Vista Dr.		E409006		Job Number		5 day TAT			
Address: 13000 W County Rd 100				City, State, Zip: Carlsbad, NM, 88220		Analysis and Method						RCRA	
City, State, Zip: Odessa, TX, 79765				Phone: 575-885-7502								State	
Phone: 432-305-6415				Email: jim.raley@devn.com								NM CO UT AZ TX	
Email: Devon-team@etechnv.com				WO: 21179750								x	
				Incident ID: nRM2014360340								Remarks	
Collected by: Edyte Konan													
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Depth (ft.)	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300 0	BGDOC NM	GDGC TX
10:50	08.30.24	S	1	SW01	1	0 - 0.5'						x	
11:00	08.30.24	S	1	SW02	2	0 - 0.5'						x	
11:10	08.30.24	S	1	SW03	3	0 - 0.5'						x	
11:20	08.30.24	S	1	SW04	4	0 - 0.5'						x	
11:30	08.30.24	S	1	SW05	5	0 - 0.5'						x	
11:40	08.30.24	S	1	SW06	6	0 - 0.5'						x	
11:50	08.30.24	S	1	SW07	7	0 - 0.5'						x	
12:00	08.30.24	S	1	SW08	8	0 - 0.5'						x	
09/03/2024													
Additional Instructions:													
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: EK													
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only					
[Signature]		09/03/24	10:00	Michelle Gonzales		9-3-24	1000	Received on ice: <input checked="" type="checkbox"/> / N					
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 T2 T3					
Michelle Gonzales		9-3-24	1530	Andrew Musso		9-3-24	1530						
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	AVG Temp °C					
Andrew Musso		9-3-24	2130	[Signature]		9-4-24	1500	4					
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other							Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA						
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this CDC. The liability of the laboratory is limited to the amount paid for on the report.													



envirotech

Envirotech Analytical Laboratory

Printed: 9/4/2024 3:29:25PM

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:	09/04/24 14:57	Work Order ID:	E409006
Phone:	(575) 748-0176	Date Logged In:	09/04/24 14:57	Logged In By:	Noe Soto
Email:		Due Date:	09/10/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

APPENDIX G

Correspondence & Notifications

Erick Herrera

From: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Sent: Thursday, September 26, 2024 11:54 AM
To: Raley, Jim
Cc: Devon-Team; Bratcher, Michael, EMNRD; Wells, Shelly, EMNRD
Subject: Re: [EXTERNAL] Extension Request - Flagler 8 CTB 1 - Devon Energy

Some people who received this message don't often get email from nelson.velez@emnrd.nm.gov. [Learn why this is important](#)

Good day Jim,

Thank you for your inquiry.

Your 90-day time extension for incident # NAPP2106147760 is approved. Remediation Due date has been updated to December 26, 2024.

Although incident # nAPP2328556508 is out of compliance (due date: 1/8/2024), your time extension request has been approved. Remediation Due date has been updated to November 25, 2024.

Lastly, incident # nRM2014360340 has been out of compliance in excess of over 4 years; therefore, your request for a time extension is denied. Devon must submit its remediation closure report as soon as possible. Failure to submit a completed remediation closure report may result in compliance and enforcement penalties pursuant to 19.15.5 NMAC.

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

Regards,

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



From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Tuesday, September 24, 2024 1:13 PM
To: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Subject: FW: [EXTERNAL] Extension Request - Flagler 8 CTB 1 - Devon Energy

From: Raley, Jim <Jim.Raley@dvn.com>
Sent: Tuesday, September 24, 2024 12:20 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Devon-Team <Devon-Team@etechenv.com>
Subject: [EXTERNAL] Extension Request - Flagler 8 CTB 1 - Devon Energy

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

NMOCD District II,

Devon Energy Production Company (Devon) is requesting an extension to the current deadline for reports required in 19.15.29.12.B.(1) NMAC at the Flagler 8 CTB 1 (Site).

- A produced water release was discovered along the western perimeter of the Site production pad on December 7, 2019, and was subsequently assigned Incident Number nRM2014360340. Devon retained Etech Environmental and Safety Solutions, Inc. (Etech) to conduct delineation activities to assess the presence or absence of impacts associated with Incident Number nRM2014360340. A Sampling Variance Request (SVR) for 400 square foot 5-point composite "floor" samples was submitted and approved by the NMOCD on August 14, 2024. Etech collected confirmation soil samples according to the approved SVR on August 30, 2024. Based on laboratory analytical results from delineation and confirmation soil sampling events, an excavation is warranted and will be advanced to 4 feet below ground surface for an area measuring approximately 200 square feet.
- A crude oil release was discovered on the Site production pad on February 16, 2021, and subsequently assigned Incident Number nAPP2106147760. Etech conducted delineation soil sampling activities for the Area of Concern and submitted a Site Characterization and Remediation Plan (SCRIP) proposing an alternative remediation method (via soil shredding) to address the inadvertent release. The SCRIP was approved by the NMOCD and assigned a deadline of September 26, 2024.
- On October 10, 2023, an additional inadvertent release of crude oil, assigned Incident Number nAPP2328556508, was discovered on the Site production pad. Etech conducted delineation and confirmation soil sampling activities on August 30, 2024, and September 5, 2024, respectively. An SCRIP is currently being prepared to propose corrective remedial actions to address the inadvertent release.

Devon requests an extension for the coordination of remediation for the three incidents to be completed at the same time since all of the releases are within close proximity to one another. To provide enough time to plan and perform corrective actions for all three of the releases, receipt and review of laboratory analytical results, and prepare reports, Devon requests 90-day extensions for all three releases at the Site associated with Incident Numbers **nRM2014360340**, **nAPP2106147760**, and **nAPP2328556508** to **December 25, 2024**.

Jim Raley | Environmental Professional - Permian Basin
5315 Buena Vista Dr., Carlsbad, NM 88220
C: (575)689-7597 | jim.rale@dvn.com



Confidentiality Warning: This message and any attachments are intended only for the use of the intended recipient(s), are confidential, and may be privileged. If you are not the intended recipient, you are hereby notified that any review, retransmission, conversion to hard copy, copying, circulation or other use of all or any portion of this message and any attachments is strictly prohibited. If you are not the intended recipient, please notify the sender immediately by return e-mail, and delete this message and any attachments from your system.

Erick Herrera

From: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Sent: Wednesday, August 14, 2024 11:07 AM
To: Abe Valladares
Cc: jim.raley@dmv.com; Devon-Team; Bratcher, Michael, EMNRD
Subject: Re: [EXTERNAL] Devon Site Sampling Request - Flagler 8 CTB 1 (nRM2014360340)
Attachments: Devon_Sampling Variance Request_Flagler 8_nRM2014360340.pdf

Good morning Abe,

Thank you for the inquiry. Your sampling plan request not to exceed 400 square feet (ft.²) from the excavation floor and 200 ft.² from the excavation sidewalls for each five (5) point composite per 19.15.29.12D (1b) NMAC is approved. All other provisions addressed in 19.15.29.12D NMAC remain in effect.

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

Have a safe and productive day!

Regards,

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



From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Wednesday, August 14, 2024 8:42 AM
To: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Subject: FW: [EXTERNAL] Devon Site Sampling Request - Flagler 8 CTB 1 (nRM2014360340)

From: Abe Valladares <abevalladares@etechenv.com>
Sent: Tuesday, August 13, 2024 3:58 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>

Cc: Raley, Jim <jim.raley@dvn.com>; Devon-Team <Devon-Team@etechnv.com>

Subject: [EXTERNAL] Devon Site Sampling Request - Flagler 8 CTB 1 (nRM2014360340)

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

Good afternoon,

Attached you will find the cover letter with the sampling variance request information for the Flagler 8 CTB 1 Incident Number (nRM2014360340) for your review. Due to the large area of concern approximately (6,724 square feet), Devon Energy, requests a sampling variance for 5-point composite confirmation soil samples to represent a maximum of 400 square feet per soil sample collected from the area of concern. As such, 17 confirmation soil samples are anticipated to be collected, compared to the 34 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 BTEX (Method EPA 8260B), TPH (Method EPA 8015D) and chloride (Method EPA 300.0).

Please let me know if you have any questions or require any additional information.

Thanks,

Abe Valladares

Project Coordinator



Mobile: (432) 967-9624

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II

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District III

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District IV

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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 325371

QUESTIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 325371
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nRM2014360340
Incident Name	NRM2014360340 FLAGLER 8 CTB 1 @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source

Site Name	FLAGLER 8 CTB 1
Date Release Discovered	12/07/2019
Surface Owner	Federal

Sampling Event General Information*Please answer all the questions in this group.*

What is the sampling surface area in square feet	6,724
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	03/28/2024
Time sampling will commence	08:30 AM
Please provide any information necessary for observers to contact samplers	Please contact Gilbert Moreno at 432-305-6414 with any questions
Please provide any information necessary for navigation to sampling site	From the intersection of Co Rd 2 and Resource Ln stay right at the fork and head south for 2.5 miles, turn right for 2.2 miles to reach Flagler CTB (32.140569, -103.602434).

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CONDITIONS

Action 325371

CONDITIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 325371
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jraleay	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	3/21/2024

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QUESTIONS

Action 328256

QUESTIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 328256
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nRM2014360340
Incident Name	NRM2014360340 FLAGLER 8 CTB 1 @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source

Site Name	FLAGLER 8 CTB 1
Date Release Discovered	12/07/2019
Surface Owner	Federal

Sampling Event General Information*Please answer all the questions in this group.*

What is the sampling surface area in square feet	6,724
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	04/03/2024
Time sampling will commence	08:30 AM
Please provide any information necessary for observers to contact samplers	Please contact Gilbert Moreno at 432-305-6414 with any questions
Please provide any information necessary for navigation to sampling site	From the intersection of Co Rd 2 and Resource Ln stay right at the fork and head south for 2.5 miles, turn right for 2.2 miles to reach Flagler CTB (32.140569, -103.602434).

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Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 328256

CONDITIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 328256
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jraleay	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/1/2024

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Santa Fe, NM 87505

QUESTIONS

Action 329666

QUESTIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 329666
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nRM2014360340
Incident Name	NRM2014360340 FLAGLER 8 CTB 1 @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source

Site Name	FLAGLER 8 CTB 1
Date Release Discovered	12/07/2019
Surface Owner	Federal

Sampling Event General Information*Please answer all the questions in this group.*

What is the sampling surface area in square feet	6,724
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	04/08/2024
Time sampling will commence	08:30 AM
Please provide any information necessary for observers to contact samplers	Please contact Gilbert Moreno at 432-305-6414 with any questions.
Please provide any information necessary for navigation to sampling site	From the intersection of Co Rd 2 and Resource Ln stay right at the fork and head south for 2.5 miles, turn right for 2.2 miles to reach Flagler CTB (32.140569, -103.602434).

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1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 329666

CONDITIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 329666
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jraleay	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/3/2024

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Santa Fe, NM 87505

QUESTIONS

Action 361186

QUESTIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 361186
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nRM2014360340
Incident Name	NRM2014360340 FLAGLER 8 CTB 1 @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source

Site Name	FLAGLER 8 CTB 1
Date Release Discovered	12/07/2019
Surface Owner	Federal

Sampling Event General Information*Please answer all the questions in this group.*

What is the sampling surface area in square feet	6,724
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	07/09/2024
Time sampling will commence	08:30 AM
Please provide any information necessary for observers to contact samplers	Please contact Erick Herrera at 432-305-6416 with any questions
Please provide any information necessary for navigation to sampling site	From the intersection of Co Rd 2 and Resource Ln stay right at the fork and head south for 2.5 miles, turn right for 2.2 miles to reach Flagler CTB (32.140569, -103.602434).

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Santa Fe, NM 87505

CONDITIONS

Action 361186

CONDITIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 361186
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jraleay	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	7/5/2024

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Santa Fe, NM 87505

QUESTIONS

Action 361187

QUESTIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 361187
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nRM2014360340
Incident Name	NRM2014360340 FLAGLER 8 CTB 1 @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source

Site Name	FLAGLER 8 CTB 1
Date Release Discovered	12/07/2019
Surface Owner	Federal

Sampling Event General Information*Please answer all the questions in this group.*

What is the sampling surface area in square feet	6,724
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	07/10/2024
Time sampling will commence	08:30 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).

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

CONDITIONS

Action 361187

CONDITIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 361187
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jraleay	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	7/5/2024

District I

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State of New Mexico
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Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 380667

QUESTIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 380667
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nRM2014360340
Incident Name	NRM2014360340 FLAGLER 8 CTB 1 @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source

Site Name	FLAGLER 8 CTB 1
Date Release Discovered	12/07/2019
Surface Owner	Federal

Sampling Event General Information*Please answer all the questions in this group.*

What is the sampling surface area in square feet	6,724
What is the estimated number of samples that will be gathered	25
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/30/2024
Time sampling will commence	08:30 AM

Warning: Notification can not be less than two business days prior to conducting final sampling.

Please provide any information necessary for observers to contact samplers	Please contact Erick Herrera at 432-305-6416 with any questions
Please provide any information necessary for navigation to sampling site	From the intersection of Co Rd 2 and Resource Ln stay right at the fork and head south for 2.5 miles, turn right for 2.2 miles to reach Flagler CTB (32.140569, -103.602434).

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Santa Fe, NM 87505

CONDITIONS

Action 380667

CONDITIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 380667
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jraleay	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	9/4/2024

APPENDIX H

Approved Sampling Variance Request



SAMPLING VARIANCE REQUEST

Prepared For:

Devon Energy Production Company, LP

5315 Buena Vista Dr.

Carlsbad, NM 88220

Site Information:

Flagler 8 CTB 1

Incident Number nRM2014360340

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

Lea County, New Mexico

(32.14055, -103.60120)

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

SITE BACKGROUND

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Devon Energy Production Company, LP (Devon), presents the following Sampling Variance Request (SVR) to the New Mexico Oil and Conservation Division (NMOCD) and Bureau of Land Management (BLM) proposing a decreased sampling frequency for confirmation soil sampling at the Flagler 8 CTB 1 (Site) (**Figure 1** in **Appendix A**).

On December 7, 2019, it was discovered that a produced water pipeline failure caused the release of approximately 364.917 barrels (bbls) of produced water onto the adjacent pasture easement. A vacuum truck was immediately dispatched and recovered approximately 306 bbls of fluid. Devon immediately notified the NMOCD via email on December 7, 2019, following the release discovery, and reported the release on a Corrective Action Form C-141 (Form C-141), which was received by the NMOCD on May 20, 2020, and was subsequently assigned Incident Number nRM2014360340. **Figure 2** in **Appendix A** depicts the estimated 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 groundwater 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**. The soil boring location and other nearby soil borings and/or regional groundwater well locations are shown in **Figure 1A** in **Appendix A**.

All other 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 1B** and **Figure 1C** in **Appendix A**.

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

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

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

SAMPLING VARIANCE REQUEST

Due to the extensive extent of the AOC documented in Form C-141 (approximately 6,724 square feet), Devon requests a soil sampling variance of 400 square feet per confirmation soil sample. As such, 17 confirmation soil samples are anticipated to be collected from the AOC compared to 34 soil samples following the standard 200 square foot soil sampling frequency (**Figure 2** in **Appendix A**). The sampling frequency for the edge of the AOC will remain at 200 square feet, which equates to 8 soil samples.

Confirmation soil samples will be submitted to an accredited laboratory for analysis of all COCs by the appropriate analytical method. As such, laboratory analytical results will allow assessment for any areas requiring residual impact removal. Devon believes that initial response efforts have mitigated residual impacts at the Site and the confirmation soil samples at the proposed reduced sampling frequency in conjunction with delineation soil sampling data are equally protective of human health, the environment, and groundwater.

Upon receipt of approval of this SVR, confirmation soil sampling will be scheduled, and a sampling notification will be submitted a minimum of 48-hours prior to the scheduled time and date as per 19.15.29.12.D(1)(a) NMAC. If you have any questions or comments, please do not hesitate to contact Abraham Valladares at (432) 967-9624 or abevalladares@etechenv.com or Joseph S. Hernandez at (432) 305-6413 or joseph@etechenv.com.

Sincerely,
Etech Environmental and Safety Solutions, Inc.



Abraham Valladares
Project Coordinator



Joseph S. Hernandez
Senior Managing Geologist

cc: Jim Raley, Devon
New Mexico Oil Conservation Division

Sampling Variance Request
Incident Number nRM2014360340
Flagler 8 CTB 1

pg. 2

Appendices:

Appendix A: Figure 1: Site Map

Figure 1A: Site Characterization Map – Groundwater

Figure 1B: Site Characterization Map – Surficial Receptors

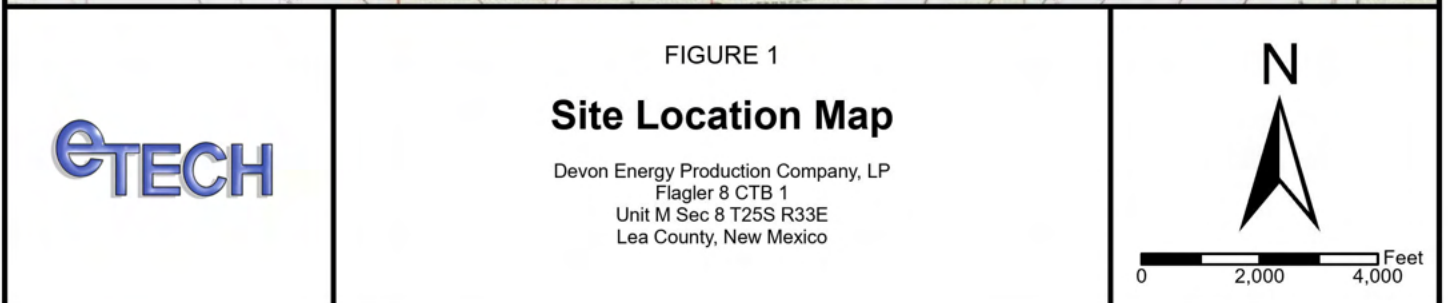
Figure 1C: Site Characterization Map – Subsurface Receptors

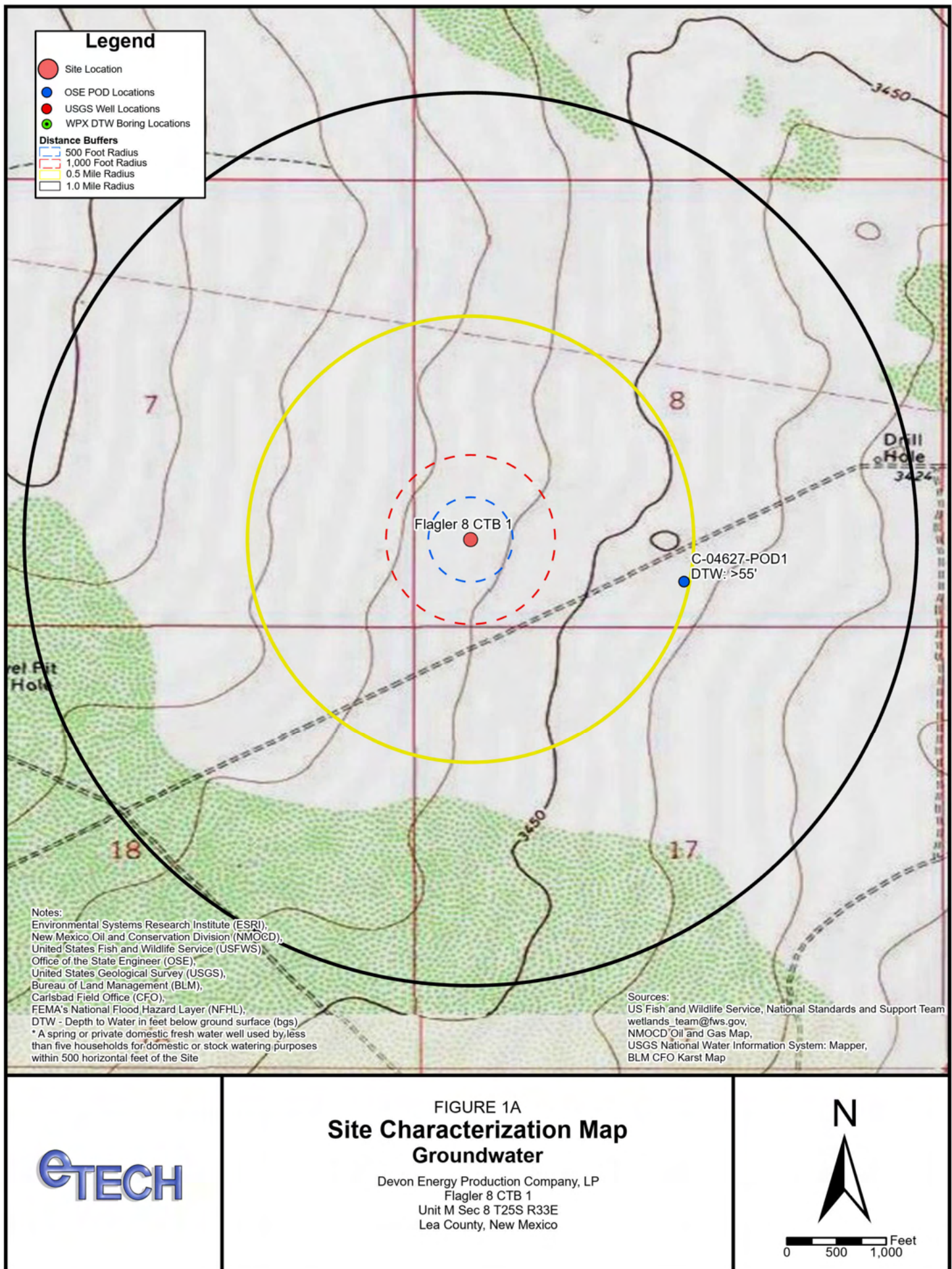
Figure 2: Proposed Sampling Grid Map

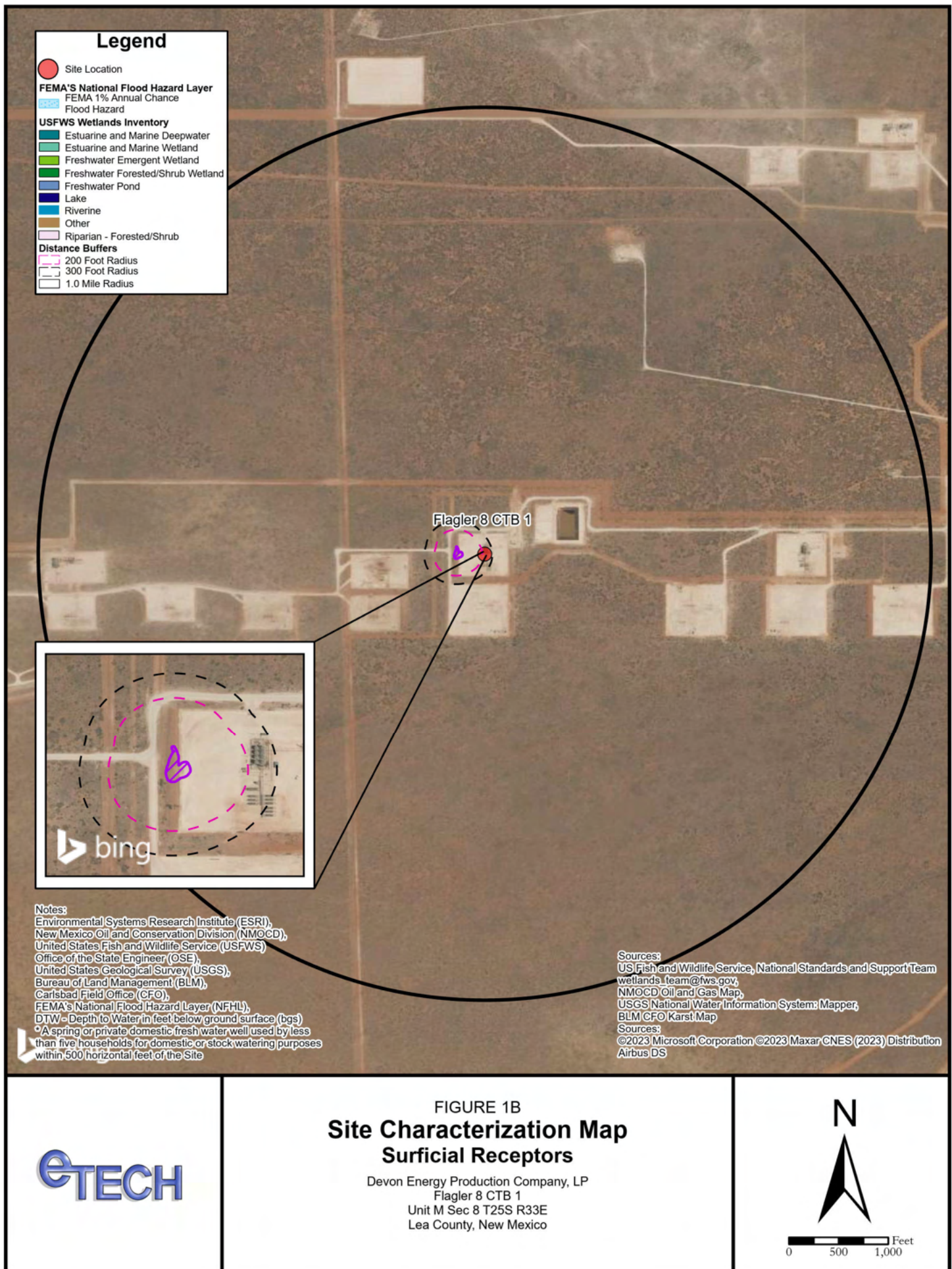
Appendix B: Referenced Well Record

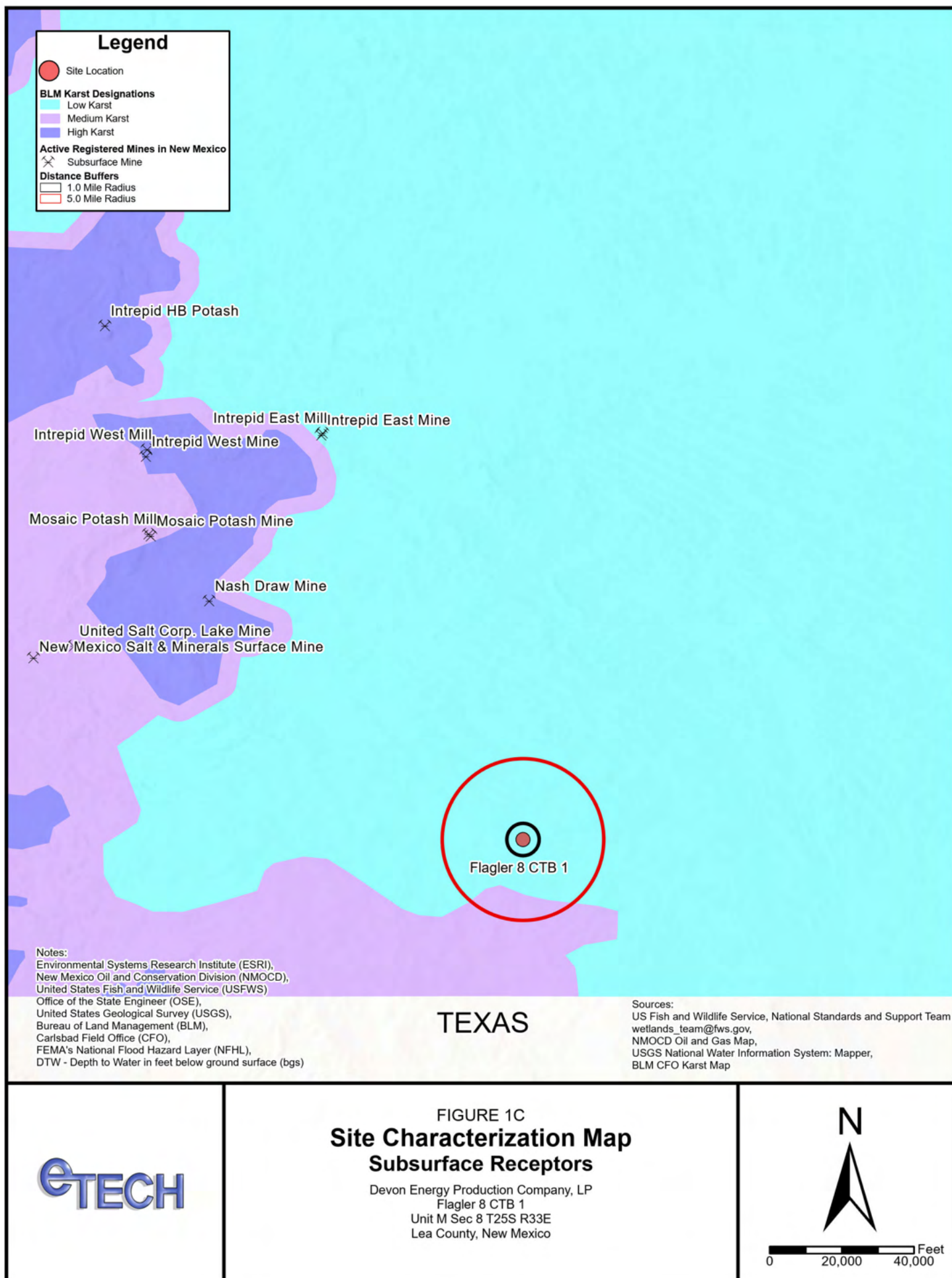
APPENDIX A

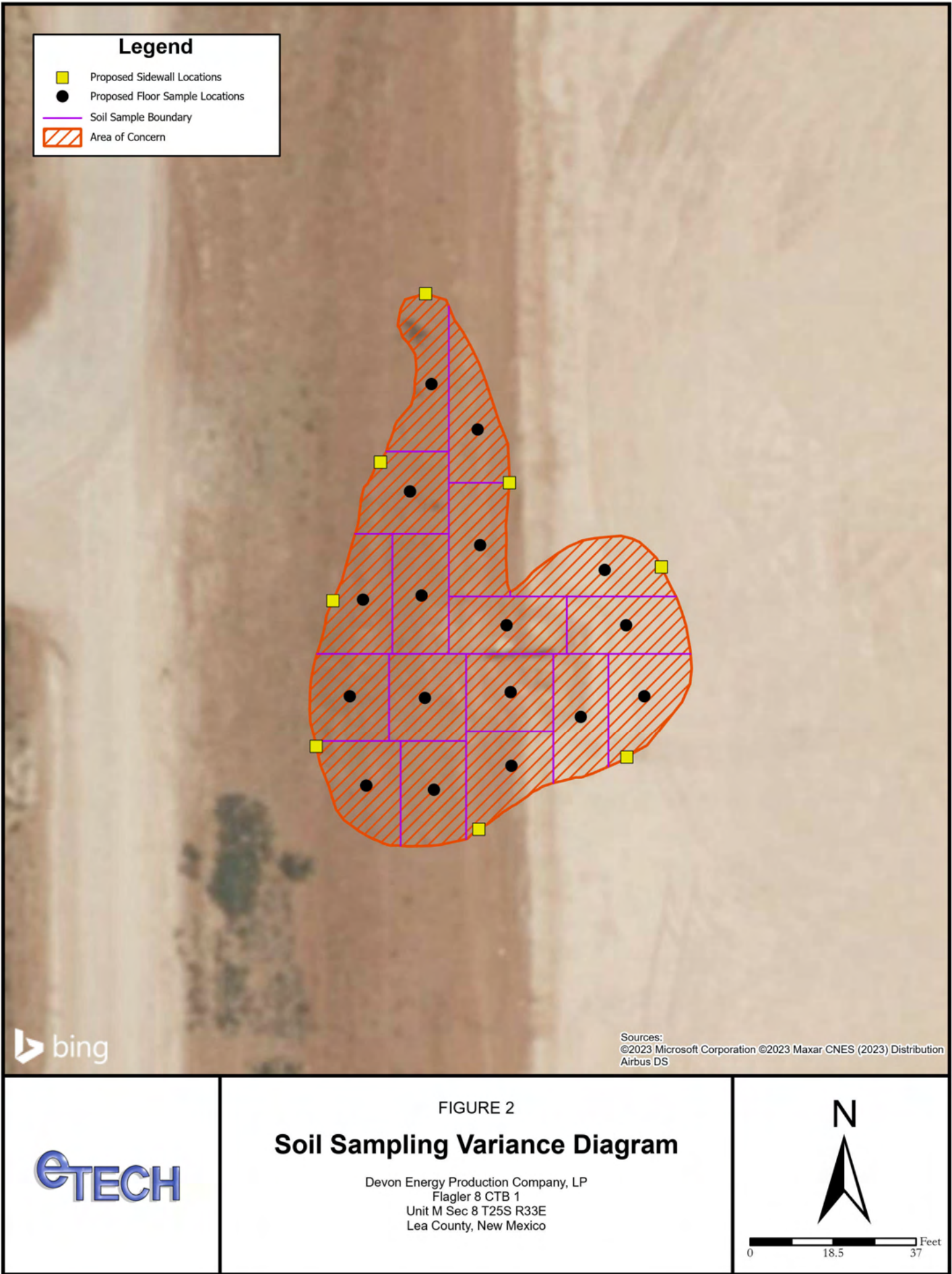
Figures











APPENDIX Ó

Referenced Well Record



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

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

FOR OSE INTERNAL USE

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

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

4. HYDROGEOLOGIC LOG OF WELL

5. TEST: RIG SUPERVISION

5. SIGNATURE

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 01/28/2022)	
FILE NO.	C-4627-POD 1	POD NO.	1
LOCATION		TRN NO.	726174
25 33.08.334		WELL TAG ID NO.	—
		PAGE 2 OF 2	

Mike A. Hamman, P.E.
State Engineer



Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

**STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER**

Trn Nbr: 726174
File Nbr: C 04627
Well File Nbr: C 04627 POD1

Jun. 18, 2022

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

Greetings:

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

The Well Record was received in this office on 06/18/2022, stating that it had been completed on 06/07/2022, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 05/24/2023.

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

Sincerely,

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

Maret Amaral
(575) 622-6521

drywell



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

June 8, 2022

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

Hand Delivered to the DII Office of the State Engineer

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

To whom it may concern:

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

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

Sincerely,

A handwritten signature in black ink, appearing to read "Lucas Middleton". The signature is written in a cursive, flowing style.

Lucas Middleton

Enclosures: as noted above

OSE DII JUN 16 2022 PM3:10

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 449455

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 449455
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	nRM2014360340
Incident Name	NRM2014360340 FLAGLER 8 CTB 1 @ 0
Incident Type	Produced Water Release
Incident Status	Reclamation Report Received

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	FLAGLER 8 CTB 1
Date Release Discovered	12/07/2019
Surface Owner	Federal

Incident Details	
<i>Please answer all the questions in this group.</i>	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
<i>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.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Corrosion Pipeline (Any) Produced Water Released: 365 BBL Recovered: 306 BBL Lost: 59 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 449455

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 449455
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

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

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

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

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

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

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QUESTIONS, Page 3

Action 449455

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 449455
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

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

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	3900
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	51
GRO+DRO (EPA SW-846 Method 8015M)	51
BTEX (EPA SW-846 Method 8021B or 8260B)	0.4
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	02/21/2025
On what date will (or did) the final sampling or liner inspection occur	02/24/2025
On what date will (or was) the remediation complete(d)	02/24/2025
What is the estimated surface area (in square feet) that will be reclaimed	200
What is the estimated volume (in cubic yards) that will be reclaimed	30
What is the estimated surface area (in square feet) that will be remediated	200
What is the estimated volume (in cubic yards) that will be remediated	30
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 4

Action 449455

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 449455
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	HALFWAY DISPOSAL AND LANDFILL [FEEM0112334510]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	No
OR is the off-site disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dv.com Date: 04/08/2025
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 449455

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 449455
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 449455

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 449455
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	440066
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	2
What was the sampling surface area in square feet	200

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	200
What was the total volume (cubic yards) remediated	30
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	200
What was the total volume (in cubic yards) reclaimed	30
Summarize any additional remediation activities not included by answers (above)	The Site was remediated in accordance with an approved Remediation Plan, ultimately removing 30 CY of residual impacted soil and has been backfilled with clean, locally sourced material, and recontoured to match the original conditions as close as possible. Prior to backfilling, stockpile soil samples were collected and submitted for lab analysis for constituents of concern identified by Table I.
<i>The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 04/08/2025

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

General Information
Phone: (505) 629-6116

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State of New Mexico
Energy, Minerals and Natural Resources
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QUESTIONS, Page 7

Action 449455

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 449455
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Reclamation Report	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	200
What was the total volume of replacement material (in cubic yards) for this site	30
<i>Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.</i>	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseedling commence(d)	03/30/2025
Summarize any additional reclamation activities not included by answers (above)	A revegetation report will be submitted upon confirmation of at least 70% vegetation cover and 50% of life-form ratio in comparison to pre-disturbance vegetation coverage.
<i>The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseedling plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dmv.com Date: 04/08/2025

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 8

Action 449455

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 449455
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

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

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CONDITIONS

Action 449455

CONDITIONS

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CONDITIONS

Created By	Condition	Condition Date
nvez	None	6/24/2025